

\$1.00

KEENE ENGINEERING

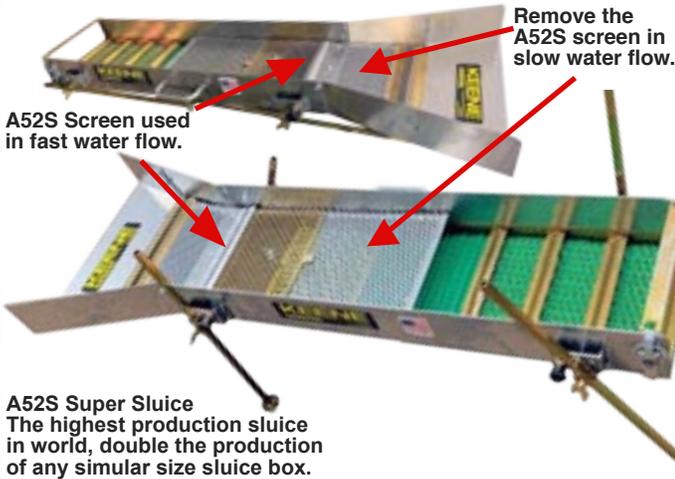


Gold & Gem Mining
Prospecting
Dredging
Reclamation
Recovery
Treasure Hunting
Metal Detecting
Trommel
Tools, Kits
Supplies & More!



The World Leader in High Performance, Portable Mining Equipment for Over 70 Years & 3 Generations.

KEENE SLUICE BOX



Our New Super Sluice Box **A52S** is the first sluice that allows you to dump unclassified material directly through the box at much higher volumes than ever thought possible, while still retaining fine gold! Now it takes only a few minutes to set up and get to work. Equipped with our upgraded Mini Max folding Leg system that articulates 4 different positions independently. Each leg has individual elevation control. The screen system features a mix of grizzly bars, a punch plate and woven wire which quickly classifies the material and drops the water speeds underneath to at least half! This allows the riffles to do their job in ideal conditions. We are using a mix of carpets, expanded metal, Hungarian riffles and our world famous Miracle matting. This combination provides the ultimate in regenerative riffle design that works even in heavy black sand areas. The variety of riffle designs performs exceptionally well in a multitude of conditions and is very forgiving. It really holds on to the gold! Simply the best sluice box in the world. Weight 19 lbs Shipping Weight 23 lbs

A52 - High Production Hand Sluice

The number one selling sluice box in the world. This is a 50 1/2" long and 10" wide sluice box with a removable 18" wide flare designed to increase flow and allow for larger capacity. Constructed out of high quality .063" aluminum. Lined with a custom made, double ribbed carpet covered by layer of expanded zinc plated steel. A 25" long riffle board with multiple riffle designs accommodates high and low water flows and provides optimum fine gold recovery. This is the most versatile sluice box on the market. Designed with expandability in mind, it easily converts into power sluices, dredges or double-length units with a variety of interchangeable parts available for purchase. The **A52** has an 18" wide flare, which increases production and reduces set up time. The flare is lined with 12 inches of raised micro-riffle matting that gives an indicator to whether you are finding gold or not, reducing wait time while prospecting new areas. The **A52** is equipped with a heavy duty latching system that makes assembly and disassembly a breeze and leaves the inside of the sluice free of obstructions
Size: 50 1/2" x 10" x 4.5" with a large 18" flare
Weight 11 lbs. Shipping Weight 16 lbs.

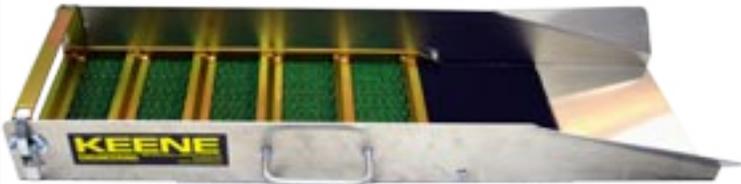


Heavy Duty Latches featured on all Keene sluice boxes



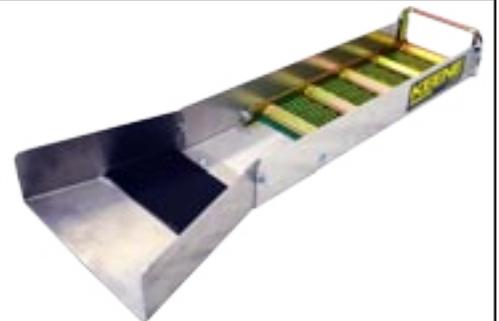
A51 - Mini Sluice

The ideal sluice for lightweight prospecting. This 28" long and 10" wide sluice offers the perfect mix of utility and portability. Constructed out of the same high quality .063" aluminum as the **A52**. Lined with a custom made, double ribbed carpet covered by layer of expanded zinc plated steel. Equipped with a 21" long riffle board with multiple riffle designs to accommodate high and low water flows and provide optimum fine gold recovery. The built in flare design incorporates the micro-riffle matting that serves as a great indicator for whether you are finding gold or not, making prospecting a fast task. The **A51** also easily converts into power sluices, dredges or double-length units with a variety of interchangeable parts available for purchase. The heavy duty latching system makes this unit easy to disassemble.
Size: 36" x 10" x 4.5"
Weight 5 lbs. Shipping Weight 12 lbs.



A51A - Super Mini Sluice:

The lightest, most compact sluice box with all of the features of a professional sluice. This 33" long and 6.5" wide mini sluice offers unsurpassed portability, while maintaining the same utility of our larger sluices. Lined with a custom made, double ribbed carpet covered by layer of expanded zinc plated steel. Equipped with a 17" long riffle board with multiple riffle designs to accommodate high and low water flows and provide optimum fine gold recovery. The **A51A** has a removable flare that makes this unit ideal for back packing. The extra wide design of the flare increases production and reduces setup time. The flare is lined with 4" of raised micro-riffle matting that gives you the same indication of whether you are finding gold or not as larger models. Our heavy duty latching system compliments the portability of this unit by making disassembly effortless.
Size: 33" x 6.5" x 4.5" with 11 inch flare. Weight 5 lbs. Shipping Weight 8 lbs.



A52EB - Sluice Box Extension Adapter

This adapter connects the sluice box extension for an **A52** sluice box. Extend your **A52** sluice box an additional 3 feet with this extension bracket to double the recovery of concentrates and fine gold especially in heavy black sand conditions. (**A52EB**). Some drilling & assembly required.
Weight 1lb. Shipping Weight 2 lbs. Use an additional **A52** for the extension.



BATTERY POWERED MINI MAX POWER SLUICE CONCENTRATOR



Keene's World Famous MINI MAX Is The Most Popular Multi Prospecting Tool Ever

The Mini Max Power Sluice Concentrator is one of the most versatile packages that we have ever made. Whether you're working in river banks, desert placers or just cleaning concentrates from larger equipment, this Multi Tool of Prospecting will always be a part of your arsenal. This multi-purpose package includes interchangeable matting for the lower sluice box, interchangeable wire classifiers for the flood hopper classifier assembly, lightweight easy-adjust legs for unsurpassed setup time, and a flare that converts the unit into the Ultimate River Sluice. A newer stronger American-made 2,200 GPH 12 volt pump provides greater flow and increased head lift.

This newly redesigned unit is now equipped with an improved ball valve that allows for more precise flow control and connects to a longer 8 foot pressure hose. A new flood header provides smooth water flow over a slick plate into a 6" section of Miracle Mat. The top assembly lifts off easily to inspect the lower sluice. Material is then washed over a removable 1/4" classifier grizzly screen removing waste gravel. The lower sluice is lined with 13 inches of our newly improved Miracle Mat placed under 10 inches of expanded metal, this duo recovers both fine and course gold and can handle larger volumes of material. When using it as a concentrator system, replace the high profile riffle with a second section of Miracle Matting and replace the grizzly screen with a finer 1/8" woven mesh screen, converting the unit into a 34 inch Super Concentrator.

When used as a power sluice, you can expect a capacity of up to 1/2 of a yard per hour and about a third of its capacity when used as a concentrating machine. This device can also be operated by a small single gas-powered pump (**P90GH** Pump Kit, **HBCKE** located on page 6). This ideal backpacking unit folds up into a compact size of 36" x 14" x 7" and weighs under 23 lbs. Pin-lock folding legs make adjusting elevation a breeze. The included flare converts the system into a hand sluice as shown in Concentrator Kit- Model **MMP-SCK**. American made and built to last. Mini Max Power Sluice Concentrator Kit- Model **MMPSCK** Weight 23 lbs. Shipping weight 29 lbs.

KEENE'S NEW KT10 HIGH PRODUCTION TROMMEL



Coming soon the new light weight, compact easy to set up Trommel able to process about one yard per hour.

We are excited to present our new **KT10** trommel. We wanted to build a trommel but not like all of the other toys. We wanted to build a unit that was capable of moving a serious amount of dirt. not like the spoon feeders. This trommel is ideal for the more difficult conditions such as high clay content lots of roots and compacted gravels. The 5 adjustable articulating legs allow the machine to be set up in the most adverse conditions. The adjustable legs only take seconds to adjust the pitch of the drum allowing you to control the speed of the material through the drum. We found the trommel to be a pleasure to work with since we did not get wet and the tailing moved roughly 5 feet away from you. Also having the sluice box moving off to either side it was easy to watch the sluice working. Also this is not a toy like the other ones on the market. This can move up to 1 yard per hour of bank run material with the **P90GH** gas pump drive and the 12 volt version can process 2/3rds of yard per hour due to the water flow.

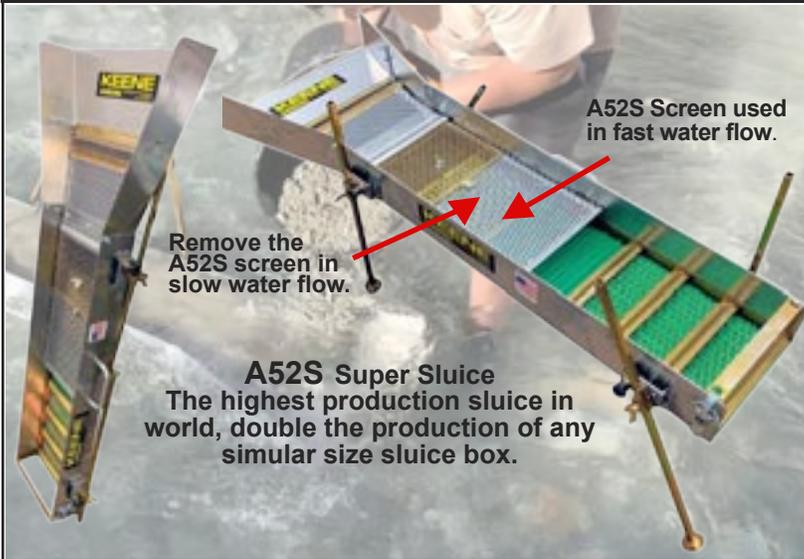
The **KT10** trommel comes in two different drive configurations. All 12 volt DC system with 2 x **RP2200** water pumps and DC small gear box to spin the drum. The DC system is ideal for areas that do not allow gas engines or you just prefer to maintain a low profile and prefer not to listen to a gas engine running. The DC system should pull roughly 18 amps so a standard automotive deep cycle should run roughly 6 hours.

My favorite is the Water driven motor. The high pressure water spins the water motor that drives a planetary gear box to spin the drum. **P90GH** Provides enough water volume and pressure to spin the water motor and provide more than ample water for the spray bars and feed hopper. high pressure blasting for clay types and cemented gravels. The gas powered motor allows you to set the trommel at much greater distances from the water edge.

We are utilizing a larger 10" drum that allows us to run larger rocks up to 8" through the system. We have equipped our drum with an adjustable internal double spray bar system to maximize the washing action of the water. The spray bars are also adjustable so you can fine tune for different types of material. We are equipping the drums with replaceable end caps with just 8 nut bolts and washer you can change out the classification screens such as 1/8th" 1/4" 3/8" and 1/2". The finer screen will be best suited for processing concentrates or areas that carry fine gold. The drum is also equipped with sectional flipper bars that can be relocated or removed for better tuning. We have also equipped the drum with multiple nugget traps.

The trommel mounts directly over one of our **A52S** Super sluice box with a **A52SHAS** sluice box 12" long extension with rubber flaps, Miracle matting, expanded metal and classifier screen. The adaptor can be mounted to most 10" sluice boxes. You may need 2 x shorter legs to fit under the trommel.

THE NEW KEENE A52S SUPER SLUICE BOX IS SIMPLY THE BEST AND MOST VERSATILE IN THE WORLD



Remove the A52S screen in slow water flow.

A52S Screen used in fast water flow.

A52S Super Sluice
The highest production sluice in world, double the production of any similar size sluice box.

Our New Super Sluice Box **A52S** is the first sluice that allows you to dump unclassified material directly through the box at much higher volumes than ever thought possible, while still retaining fine gold! Now it takes only a few minutes to set up and get to work. Equipped with our upgraded Mini Max folding Leg system that articulates 4 different elevations independently. Each leg has individual elevation control. The screen system features a mix of grizzly bars, a punch plate and woven wire which quickly classifies the material and drops the water speeds underneath to at least half! This allows the riffles to do their job in ideal conditions. We are using a mix of carpets, expanded metal, Hungarian riffles and our world famous Miracle matting. This combination provides the ultimate in regenerative riffle design that works even in heavy black sand areas. The variety of riffle designs performs exceptionally well in a multitude of conditions and is very forgiving. It really holds on to the gold! Simply the best sluice box in the world.
Weight 19 lbs Shipping Weight 23 lbs

YOU CAN ALSO CONVERT YOUR STANDARD A52 INTO THE NEW AMAZING A52S SLUICE BOX



A52SLK Leg kit

This amazing leg kit can adapt to just about any sluice box out there tuning it into a fast and easy set up
Shipping Weight 5 lbs

New A52S Super Sluice box Mini Max Conversion

Keene's world-famous **A52S** does it all. Not only is it the best sluice box on the market today, it now converts into a Mini Max Style Sluice box system utilizing a 12-volt pump system. This versatile package performs extremely well in all conditions. Now with the Mini Max upgrade, you can run in low water conditions and be "Silent Running". The battery powered pumps makes it ideal for setting up at home or in camp with a water recirculating system. Made in the USA. Converts back and forth between a concentrator, dredge or high banker and Mini Max in a matter of minutes.



A52SCS Classifying Screen Conversion.

Turns a ordinary Keene **A52** sluice into a high production sluice doubling the capacity and improved gold recovery.
Weight 7 lbs. Shipping Weight 21 lbs



A52SMMKIT1 Mini Max Conversion kit pump, hose, ball valve, sluice end cap hopper, grizzly and woven screens. For a **A52** or a **A52S**. Weight 16 lbs Ship Wt. 30 lbs

A52SMMKIT1 Installed



A52SRA Riffle

A52S Riffles, carpets and mats. This conversion further improves the recovery of **A52S** sluice in combination with the **A52SCS** Classifying Screen conversion Weight 7 lbs. Shipping Weight 21 lbs.



A52SMMKIT2 Mini Max conversion Hopper/sluice end cap, hopper, grizzly and woven screens. For a **A52** or a **A52S** Weight 8 lbs. ShipWt. 30 lbs.

MMFHR Mini Max Flood Header

Incorporate the design of our unique flood header into your own build with this stand-alone part. Cut your desired port size, 1in, 1 ¼ in, or 1 ½ in. Only the flood header with no additional parts. Weight 3 lbs. Shipping Weight 5 lbs.



MMCEC Mini Max **A52** Conversion end cap Enable a **A52** or **A52S** to accomodate a Mini Max hopper. Weight .50 lbs. Shipping Weight 5 lbs.

HB2 2 Inch Header Box

The 2 inch flared header box only, perfect for modifying your own equipment into a 2 inch dredge system.

Ship WT. 5 lbs.



THE NEW KEENE A52S SUPER SLUICE TURNS INTO A HIGH PRODUCTION HIGH BANKER, DREDGE

The New Max 12 is the Ultimate High-Production Silent Running High Banker

A52S sluice with our new high banker hopper assembly with dual **RP2200** pumps make for a silent high production high banker. Roughly 1 yard per hour. Requires **A52S**, **A52SCHA**, 2 x **RP2200** pumps 16 x **SH125** hose 4 x **SS24** clamps Or complete **A52SDPHB**.

A52SDPHB



Silent Running High Banker

The new longer classifier screen really breaks down the clays and hard packed material



A52SCHDA
High Banker
Dredge



A52CHDA This all in one package includes everything you will ever need for Sluicing, High banking and dredging. You will get a complete **A52S** Super sluice box. The high banker with deluxe hopper and extension with screen and rubber flaps. The powerful **P90gh** motor and pump and a 2" dredge set up. This is by far the most versatile package in the world The one product that will suit all your needs. Weight 82 lbs Shipping Weight 133 lbs

A52SCHA Complete Hopper assembly, sluice adaptor, expanded metal, classifier screen miracle matting and flaps Weight 7 lbs Shipping weight 30 lbs

A52SCHA



A52SSCHBA
High Banker



A52SSCHBA Complete **A52S** sluice, motor pump, hoses, blaster splitter high banker assembly. Weight 69 lbs Shipping weight 133 lbs

SPP125. Splitter PVC 1.25" x 1.25" x .75" Splits the water flow off so the pressure can be used for blasting out cracks and washing out the sluice. The blaster side can be .75" or 1.00. Weight 1 lbs Shipping Weight is 5 lbs.

A52SDA2 **A52S** Dredge hopper adaptor and flap. Used to adapt a 2" dredge to the new back pack hopper. Weight 3.5 lbs Shipping Weight 10 lbs.

A52SRWWS **A52S** Riffle woven wire screen add on 1/8" Provides addition classification when dredging or high banking. Weight 1 pound Shipping Weight 5 lbs.

A52SDRS **A52S** Dredge Riffle Screen "Slow Flow" 1/4" Used for dredging only. Weight 2 pounds Shipping Weight 5 lbs.

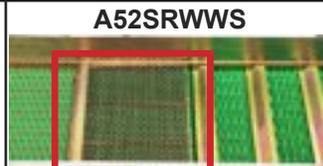
A52SSTEK **A52S** Sluice Trough Ext kit Mats screen flaps. Weight 9 lbs. Shipping Weight 30 lbs



SPP125



A52SDA2



A52SRWWS



A52SDRS

A52 & A51 POWER SLUICE BOX CONVERSION KITS

CONVERT YOUR HAND SLUICE TO HIGHLY EFFICIENT POWER SLUICE INCREASE PRODUCTIVITY UP TO 1000%



HBCK52 Power Sluice Package

Package includes:

1. A52 Sluice Box
2. HBCKH Hopper
3. HBCKF Frame
4. STE Sluice Trough Extension
5. HBKS Classify Screen
6. HBCKE Engine (P90GH) Pump Kit, Intake Assembly and 25 feet of Nylobraid Pressure Hose.
7. A52DR Dredging Riffle

Weight 51 lbs. Shipping Weight 80 lbs.

Combination Power Sluice & Dredge Kit

HBCK2 2 inch or HBCK25 2 1/2 inch Package includes:

1. A52 Sluice Box
2. HBCKH Hopper 2 inch or 2 1/2 inch Coupling
3. HBCKF Frame
4. STE Sluice Trough Extension
5. HBCKE P90GH Pump Kit, Intake Assembly, 25 feet of Nylobraid Pressure Hose Coupled.
6. 17' x 1 1/4" Pressure Hose & Coupling
7. A52DR Dredging Riffle
8. HBKS Classify Screen
9. HBCKD2 - 2 inch or HBCKD25- 2 & 1/2 inch Dredge Conversion Kit with 15 feet of 2 or 2 1/2 inch Suction Hose Incl. Suction Nozzle and Bracket

Weight 71 lbs - Shipping Weight 95 lbs.

Combination Jet Flare Dredge Kit

HBCKF2 2 inch or HBCKF25 2 1/2" Package includes:

1. A52 Sluice Box
2. STE2F 2 inch or STE25F 2 1/2 Jet Flare Adapter.
3. HBCKF Frame
4. PPJF20 2 inch or PPJFO 2 1/2 inch JetFlare
5. P90GH Motor and Pump
6. FVA15E Foot Valve and Hose Assembly
7. 17' x 1 1/4" Pressure Hose Coupled
8. A52DR Dredging Riffle
9. HBKS Classify Screen
10. SH2 15' of 2 inch Suction Hose or SH25 15' of 2 & 1/2 inch Suction Hose and Clamps

SN2 or SN25 Suction Nozzle and Clamp.
Weight 71 lbs -Shipping Weight 95 lbs.



HBCKH Power Sluice Conversion Kit
Marlex hopper with an adjustable classifier, spray bar, built-in adjustable water flow and pressure port controls.
For A51 or A52 sluice.
Weight 10 lbs. Shipping Weight 30 lbs.

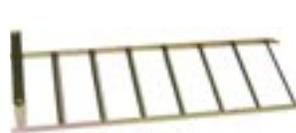


HBCKF: Sluice Box Frame with Adjustable Support Legs
The quick release frame adapts to an A51 or A52 sluice box in seconds. A stable platform with adjustable legs for uneven terrain.
Weight 4 lbs. Shipping Weight 8 lbs.



HBCKD2 or HBCKD25 Dredge Conversion Kit

This kit includes an adapter for attaching the suction hose to the hopper, a 2 or 2 1/2 inch suction nozzle, 15 feet of 2 or 2 1/2 inch suction hose, necessary hardware and clamps. Weight 7 lbs. Shipping Weight 14 lbs.



A52DR Dredging Riffle A51DR Dredging Riffle

Larger, deeper sluice riffle tray for A52 or A51 sluice box riffle for use in dredging. Weight 4 lbs. Shipping Weight 6 lbs.



STE2F A52 Jet Flare Adapter

Sluice trough extension is necessary when adapting a 2 inch jet flare hopper to a A52 sluice box. Weight 6 lbs - Shipping Weight 8 lbs

STE25F A52 Jet Flare Adapter

2 1/2 inch Jet Flare adapter. when adapting a 2 1/2 inch jet flare hopper to a A52 sluice box Weight 7 lbs. Shipping Weight 9 lbs.



HBKS Classify Screen

For use with A52 and A51 Sluice box riffle for dredging. Adapted for Model HBCKH Hopper Weight 2 lbs. Shipping Weight 4 lbs.



STE Sluice Trough Extension:

A sluice trough extension is necessary when adapting a power sluice hopper (HBCKH) to an A52 Sluice Box. Weight 2 lbs. Shipping Weight 9 lbs.



HBCKE P90GH Pump Kit

Includes Honda GX50, 4 cycle engine and pump, intake foot valve assembly and 25 feet of 1 1/4 inch nylobraid pressure hose. Provides great power for even a 2 1/2 inch dredge. Weight 30 lbs. Shipping Weight 35 lbs.



JAB - Jabbit Sluice Stand

The Jabbit Sluice Stand is the only deep water, self-driving sluice stand available. The perfect companion for the Keene A52, A51, and MiniMax Sluice. Simply "Jabb-it" into sediment, slide your sluice on to it, and you're ready for some serious sluicing. The Jabbit can handle depths of up to 30 inches of water. Your sluice box will float effortlessly and correct its position for ideal water flow with its "Weathervane Swivel Action". The sluice slides off easily, making clean up and setting back up a breeze. Drilling into the side of your sluice's flare is required. Weighs 12 lbs. Shipping Weight 15 lbs.



WINCH ACCESSORIES



WRC100 Heavy Duty Winch Cable
3/8th inch braided, galvanized steel aircraft cable. Designed for use with our HDW1 Heavy Duty mechanical winch. Cable comes 100 feet in length with one end complete with hook and bare end for attaching to the winch. Shipping Weight 30 lbs.



WRC Rock Choker

This rock choker is ideal for pulling out large boulders, trees and other large obstructing material. The choker simply slips around then tightens like a slip knot. Very easy to set and release with a quick release loop block. Cable measures 18" x 3/8". Shipping Weight 14 lbs.



WRN Rock Net 12 foot long rock net is a must for any boulder moving operation and takes only a few minutes to set up. The rock nests securely in the net with only minimal slippage. Constructed of 3/8" heavy duty 8000 pound test cable. Shipping Weight 16 lbs.



WSB - Snatch Block

This 4 inch snatch block can nearly double the capacity of any winch and has a capacity of up to 7000 pounds! Can be used with either a 5/16" or 3/8" cable. Shipping Weight 8 lbs.

SLUICE MATTING



Nomad Matting
Nomad Matting is preferred by the serious dredger and professional for fine gold recovery in any sluicing or dredging system. Often referred to as Miner's moss, this matting traps and holds heavy values inside woven vinyl fibres..
NMM - 1 x 3 linear feet.



Black Ribbed Rubber Matting
This is the ideal matting to allow for quick and easy identification of gold values due to the strong contrast of gold on black. Immediately see the gold that has been trapped by this matting right in the sluice!
BRRM 1 x 3 linear feet.



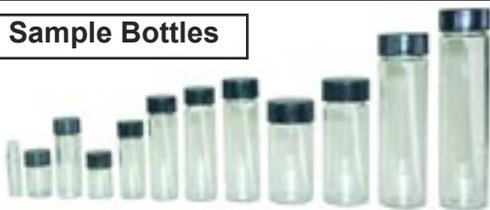
Ribbed Matting
The universal matting for fine gold recovery that is used in all of our sluice and dredge systems. They key is in the small ribs that help capture and trap the fine gold that would have been washed away without it!
RM Priced per square foot
RM1 Priced per 1ft x 3ft length



Hungarian ruffle molded into a soft rubber mat. See amazing recovery of micro fine gold. Full mat size is 35 inches x 35 inches. Also sold by the length in inches.
KSCRM - Full Mat
KSCRM1- Per inch
Example:
1 inch in long X 35 inches wide

PROSPECTING ACCESSORIES

Sample Bottles



Quality clear glass and plastic vials are used as a standard measure for determining approximate weight of gold. Ideal for displaying and protecting your gold specimens. (Part numbers with "P" indicate plastic bottle).

Part #	Capacity	Size
A17	2 dwt.	1 1/4" x 1/4"
A18	1/2 oz.	1" x 1/2"
A18P	1/2 oz.	1" x 1/2"
A19	1 oz.	1 3/4" x 1/2"
A19P	1 oz.	1 3/4" x 1/2"
A20	2 oz.	2 1/4" x 3/4"
A72	3 oz.	2 1/2" x 3/4"
A73	3.5 oz.	2 3/4" x 3/4"
A86	4 oz.	2 1/4" x 1"
A87	6 oz.	2 3/4" x 1"
A88	9 oz.	3 3/4" x 1"
A89	10 oz.	4 1/4" x 1"



Gold Pokes

High quality skins have a draw string for securing your items in the pouch.
GP1 Doe skin pouch holds 4 oz. vial
GP2 Doe skin pouch holds 2 oz. vial
GP3 Cow hide pouch holds 2 oz. vial
Shipping Weight 1 lb

NEW RELIC & GEM SIEVES

Our most popular lower cost molded polyethylene high impact sieves are now available in 4 sizes in color, 1/4 inch tan, 3/8 inch in green, 9/16 inch in blue and 3/4 inch in red. Stackable and fits onto the top of a standard 5 gallon bucket. The Stackable Series Sieves allow you to stack several sieves together for graduated classification.

Made in USA.

Part #	SGP2	SGP3	SGP4	SGP5
Size	1/4 Inch	3/8 Inch	9/16 Inch	3/4 Inch



Dimensions: Top 14"-Bottom 11"-Height 4 3/4"
Shipping weight 2 lbs.

NEW BLUE CLASSIFYING SIEVES

(LIMITED STOCK - CLEARANCE ITEM)



The sealed retainer ring blue stackable Classifier sieves allows stacking several sieves together for graduated classification. The blue sieves lock into position with a 1/2 inch gap between the screens. This feature allows you to stack screens and size your material at one time. The screens can be stacked close together for backpacking into remote areas and is ideal for storage and shipping. You can stack 13 sieves in a more compact 12 inch tall stack. Sieves fit over most 5 gallon buckets. Constructed with stainless steel mesh and high impact plastic frame.
Dimensions: Top 14"- Bottom 11"- Height 3" Shipping Weight 2 lbs.

Part	Size	Mesh
BCS2	.50"	2
BCS12	.08"	12
BCS20	.05"	20
BCS30	.03"	30
BCS50	.02"	50

GOLD PANS AND SIEVES



SP14

MADE IN USA

SP12

Keene Super 3 Stage Gold Pans SP12 & SP14

Pan 3 times as fast as a conventional gold pan.
Has 3 surfaces that perform specialized tasks.
1) The coarse riffle area is used to "rough out" the majority of the material 2) The textured area is used to pan any remaining black sands 3) Use the "smooth surface" until only gold remains. green color. Lifetime guarantee. Made in USA.
Shipping Weight 2 lbs.
SP12: 12 inch diameter 3 Stage Gold Pan
SP14: 14 inch diameter 3 Stage Gold Pan



Dual Riffle Blue Gold Pans

Includes deep ribs for quick panning and small ribs for fast final panning with large base. The bottom of the pan has a sticker showing basic gold panning instructions. Shipping Weight 2 lbs.

GPB10: 10" Pan GPB12 12" Pan
GPB14: 14" Pan GPB16 16" Pan



MADE IN USA

Keene's Classic Black Gold Pans

Our heavy duty black gold pans have been considered the standard in the industry for decades. Designed with riffles, a drop center bottom that will trap fine gold and a textured surface to help prevent a loss of values. Lasts a lifetime. Shipping Weight 2 lbs. Available in 3 sizes. Made in USA.

GPP10: 10" Pan GPP17: 17" Pan
GPP14: 14" Pan



Garrett Gold Pan GPG14 14"

New offset, acentric design delivers improved performance. Shipping weight 2 lbs.

Backpacker Pan GPG10 10"

Garrett smaller backpacker pan is ideal for a finishing pan. Shipping weight 2 lbs.



CYCLONE WET/DRY GOLD PAN & MINING KIT



PRICE DROP!

GPCYPS



Model **GPCYPS** Includes: Gold Pan, 3 Sieves, Bottle & Adapter



Model **GPCYP** Includes: Gold Pan, Bottle & Adapter



Model **GPCYS** Includes: 3 Sieves & Sieve Base

Our most advanced panning system. The Cyclone Mining Kit (**GPCYPS**) is an all-in-one-unit that combines the revolutionary Cyclone Gold Pan with the sophisticated design of the Cyclone sieve. The Cyclone Sieve is equipped with snap-in screens that allow you to carry a variety of meshing in just one sieve. The dual handles and speed-notched design make this a sieve for easy transportation and robust material agitation. The standard kit comes with a 2, 4, and 12 mesh screen. (20, 30, 50, 100 meshes also available) The Cyclone Pan is equipped with an air-blowing tip that attaches to the included foot pump or any other air source, making it a drywashing pan that allows you to work in dry regions with ease. The 14" Cyclone Pan features 5 deep centrifugal riffles for fast and effective panning. The Cyclone Pan is equipped with a vial attachment that effortlessly sends gold directly into the vial. The Cyclone Pan and Sieve lock together seamlessly, making a storage area for all your prospecting gear including additional screens, vials, and air blowers. This is the best package for all prospectors, new and old alike.
You gotta find it to mine it, and the Cyclone is your Number One Companion in Portable Prospecting Weight 3 lbs. Ship WT. 6 lbs.

THE WORLD FAMOUS KEENE CLASSIFYING SIEVES

Keene Engineering's premiere sieve. No other sieve on the market is as durable and rugged as these are. Molded and made in the USA, utilizing a proprietary blend of cold weather stabilized polymers and heavy-duty woven stainless steel mesh. These sieves are capable of withstanding season after season of non-stop classifying. Our sieves are designed deeper than other sieves and hold far more material than any other. Stack multiple sieves together for fast and effective multi-stage concentration. Classify your material before processing it through your sluice box, concentrator, or gold pan to avoid losses caused by unwanted larger materials. These sieves fit over most 5-gallon buckets for complete convenience and ease in processing.

Dimensions: Top 14" - Bottom 11" - Height 4 3/4" Shipping Weight 2 lbs.

PART	SIZE	MESH	PART	SIZE	MESH
CS2	.50"	2	CS20	.05"	20
CS4	.25"	4	CS30	.03"	30
CS8	.13"	8	CS50	.02"	50
CS12	.08"	12	CS100	.01"	100



MADE IN USA

PROSPECTING ACCESSORIES



EL8-10x Economy Magnifier

Folding Magnifier with unbreakable Plastic Lens Holder and has a Aluminium anodized cover also. Contains two lenses for convenient pocket use. Shipping weight 1 lb.



EL9 - 10x Economy Magnifier

A swing-away unbreakable case of tough durable plastic serves both as a handle and as a protective case. Triple Lens Diameter 25 mm. Shipping weight 1 lb.



ELD10-10x Hexagonal Achromatic Loupe

This large loupe gives you 10x power magnification and the case included. Shipping weight 1 lb.

EL43 Watchmaker's Loupe

12x power Watchmaker's Loupe. Fits comfortably around the eye while leaving hands free. Shipping weight 1 lb.



Cast Iron Mortar & Pestle

A53



A71

A MUST HAVE TOOL

These Mortar and Pestles work great for crushing rocks into powder to retrieve valuable minerals for sampling.

A53 Capacity 1 pint. Measures 5 inches high. Weight 8 1/2 lbs. Shipping weight 12 lbs.

A-71 Capacity 1/2 pint. Measures 3 1/4 inches high. Weight 5 lbs. Shipping weight 8 lbs.



KB5



KB3

Heavy Duty High Quality Plastic Buckets

These buckets have a heavy duty handle with a Snappy Grip attached to help against hand fatigue. The 5 gallon bucket **KB5** can hold 80 lbs of dirt, and the 3 gallon bucket **KB3** can hold 50 lbs of dirt. The 3 gal. bucket is easier to handle for a younger or older person. Weight 2 lbs. Shipping weight 5 lbs.



SNAP Snappy Grip

Permanent replacement handle for 5 gallon bucket. avoid handle fatigue. Replace old handles with a comfortable carrying handle. Two handles included per package. Shipping weight 1 lb.

A85 Clear Plastic Funnel Polypropylene Funnel



Clear plastic funnels are ideal for easy and precise filling of sample bottles. Shipping weight 1 lb



A16 Jewelers Fine Point Tweezer

These tweezers are ideal for handling extra fine specimens requiring needle points. 7 inches long. Shipping weight 1 lb.



A16C Curved Fine Point Tweezer

These stainless steel tweezers are the same instruments jewelers use for handling extra fine specimens. 7" inches long. Shipping weight 1 lb.



A15A Stainless Steel 15 inches Long Tweezer

Heavy-duty stainless steel. Used to extract large specimens from deep crevices or for scraping. Shipping weight 1 lb.



A28A Big Orange Gold Magnet

This magnet is a must for removing magnetic sand from dredge and dry washer concentrates. Works wet or dry, instructions included. Weight 10 oz. Shipping weight. 1lb.



A28 Gold Magnet

A must for every prospector. Extracts magnetic sand from gold concentrate or black sand. Depress button to pick up magnetic sand and release button, sands fall free from the Gold Magnet. Shipping weight 1 lb.



GBS1 Gold Bottle Sniffer

Extract gold and values from a gold pan with suction. Squeeze bottle and release to draw gold into bottle. Ideal for depositing gold into specimen bottles. Shipping weight 1 lb.



PST Suction Tweezers

Clear polypropylene tweezers are ideal for saving time in extracting tiny gold particles from your gold pan. Shipping Weight 1 lb.



GBSBS Gold Bottle Sheath

Soft leather belt sheath holds the gold bottle sniffer on belt or belt loop. Ideal for field use. Shipping weight 1 lb.



Model GMCG Clay Gone

Drops clay and suspended material from water in seconds. Use in panning, tubs, concentrating tables and more. Compatible with soap & other surface additives. Shipping weight 1 lb.



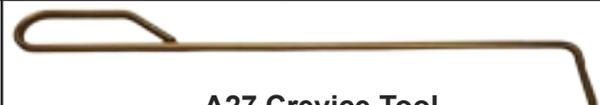
GD Gold Drop

Often gold can be held in suspension by oils present in material while panning or using a small concentrator. Gold Drop corrects that in a jiffy by doing exactly what the name says! 2 fluid ounces. Shipping weight 1 lb.



Keene Crevice Claw

KCC A heavy duty steel claw that's made in house works great for cleaning out tough to get material stuck in deeper cracks. We also added a comfortable rubber nylon braded grip on the end. **Length 22 inches** Weight 1 lb. Shipping Wt 5 lbs.



A27 Crevice Tool

An indispensable tool for scraping crevices clean of wet or dry material. Constructed of hardened plated steel with a hooked end for meticulous scraping in tight crevices. Get the gold out! Shipping weight 1 lb.

METAL DETECTORS AND PROSPECTING ACCESSORIES & TOOLS

We sell the finest metal detectors, technology has to offer. We carry the most popular brands to include, Minelab, Garret and Fisher metal detectors. Our showroom is filled with prospecting supplies and detecting accessories. We carry wide range of detectors for Nugget hunting, treasure hunting, beach hunting, Meteor hunting and many other types of detecting. Our pricing is very competitive and less than many other stores or internet sites. We have knowledgeable professional that can advise you the best machine within your budget. We are the largest prospecting and detecting stores in California.



KEENE CREVICE TROWEL SCOOP KCTS



Keene's Crevice Trowel Scoop is Made of the strongest high end light-weight ABS available in the industry. Great for metal detecting just scoop target material over detector coil to verify values. Ideal for crevicing and digging out cracks Weighs 5.0 oz. Shipping WT. 2 lbs.

CD Coin Digger



Tool for digging out coins and rings. Zinc plated steel tool removes a clean plug from the ground. The comfortable grip with attached lanyard for ease of carrying. Shipping weight 2 lbs.

A22 - Backpack Super Sucker



New compact model, easy to carry and designed for the backpacker or sniper. Features a 1 1/2 inch x 19 1/2 inches in length vacuum chamber. Weighs only 1.50 lbs. Shipping weight 3 lbs

A23 - Super Crevice Sucker



This handy tool is wonderful to use when metal detecting, working dry banks, dredging and more. Features a powerful 2 inch x 24 inch vacuum chamber with a 7" crevice tip. Lightweight and easy to use, just imagine all the gold you will capture that may have been missed! This model has a port for emptying chamber of material. Weighs only 3 lbs. Shipping weight 5 lbs.

A22 Crevice Sucker Brake Down



— 19 1/2 Inch Vacuum Chamber —



Adjustable Friction Control

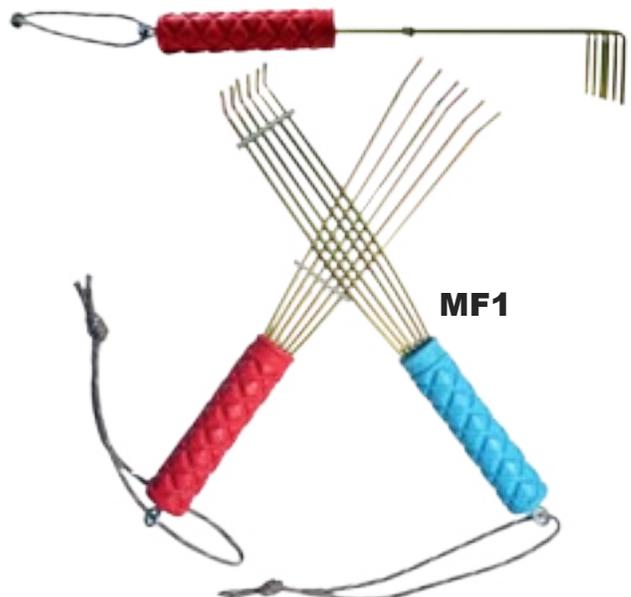


[7" Crevice Tip]

New!

MF1 Magic Fingers

The ultimate tool used for metal detecting, dredging and drywashing. Easily clear out bedrock and irregular surfaces. Has 5 independent spring steel rods pointing downward. By moving the sliding rod attached to the spring steel rods can regulate the width. The fingers follow the irregular contour of bedrock and surfaces for ease of digging. Weight 7.2 oz Shipping weight 2 lbs.



MF1

A MUST HAVE TOOL FOR ALL KINDS OF PROSPECTING.

KEENE'S ALL-IN-ONE CREVICE TROWEL

The ultimate must-have tool for all of your heavy-duty prospecting and detecting needs.



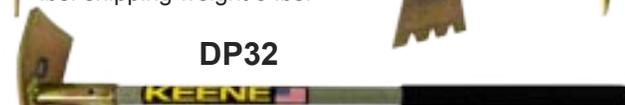
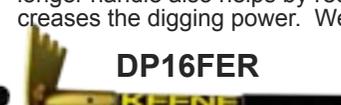
The KCT is the strongest, ground penetrating, crevicing tool and trowel on the market.

- Features a non-marring crevice hook perfect for metal detecting, nugget hunting, coin popping, bedrock gold retrieval, ground breaking, recovery, etc.
- Includes a removable steel insert tip for ripping and piercing through material.
- Easily hacks through hard ground with the Keene Claw.
- American durability you can depend on, proudly made in the U.S.A. and made of the strongest light-weight ABS available in the industry.
- Dynamically designed shovelhead offers seamless power-piercing and enhanced material holding capacity.
- Use the back for palm-push penetration and break ground effortlessly.
- Can handle 100 plus pounds of applied pushing force, other trowels typically break or snap at 10 - 30 lbs.

KCT - Size: 14½"x4¾"x3" Wgt: 5oz Shipping Wgt 2 lbs

KEENE ARMORED STEEL DETECTOR PICKS

These picks really dig! A well-balanced pick that works great for drywashing, metal detecting, prospecting and anything else you can throw at it. These picks are built with AR500 Hardened Armor Plate Steel Head that offers abundant strength and resilience in all conditions. The high density fiberglass handle makes these picks the lightest in the industry and the foam rubber grip stops slipping hands in even the roughest of conditions. Each pick head is equipped with a Rare Earth Super Magnet that quickly removes metallic items from the working area, making separation second nature. Made proudly in the USA.

<p>DP16</p>  <p>DP16 Keenes world famous traditional detector pick with a super magnet weight 2.2 lbs. shipping weight 5 lbs.</p>	<p>Super Magnet</p> 	<p>DP36FER</p>  <p>DP36FER Pick is equipped with serrated edge for faster digging and better penetration. We have long flat edges for raking out the material flat making it easier to locate the targets. Also comes with a super magnet. The longer handle also helps by reducing the need to bend over and really increases the digging power. Weight 2.5 lbs. Shipping Weight 10 lbs.</p>
<p>DP32</p>  <p>DP32 Keenes world famous traditional detector pick with a super magnet weight 3 lbs. shipping weight 10 lbs.</p>	<p>DP16FER</p>  <p>DP16FER Pick is equipped with serrated edge for faster digging and better penetration. We have long flat edges for raking out the material flat making it easier to locate the targets. Also comes with a super magnet. Weight 2.5 lbs. Shipping Weight 5 lbs.</p>	

MORE PROSPECTING TOOLS

 <p>Estwing Supreme Rock Picks: E314P - 14 oz. E322P - 22oz.</p> <p>This high quality, heavy-duty rock pick is a dredger's choice and will last a lifetime. The high-density blue rubber grip is ideal for underwater use, comfort and visibility. Weight 1.25 lbs. Shipping Weight 3 lbs.</p>	 <p>E323lp long handle</p> <p>This high quality, heavy-duty rock pick is a dredger's choice and will last a lifetime. The high-density blue rubber grip is ideal for underwater use, comfort and visibility. Weight 1.25 lbs. Shipping Weight 3 lbs.</p>	 <p>EHP - Estwing Geo Pick</p> <p>Forged steel head and 26 inch long nylon grip enables a nice easy long swing. The best pick that you will ever own. For drywashing, dredging and sniping. Weight 3 lbs. Shipping weight 7 lbs.</p>
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 <p>KBS1 Keene Belt Sheath</p> <p>Keene's new leather belt sheath with an embossed Keene logo is great for holding and protecting your hand held pick. Weight .25 lbs. Shipping weight 2 lbs.</p>	 <p>Estwing Crack Hammers</p> <p>Top notch Estwing construction makes these crack hammers ideal for use with chisels and pry bars. Three sizes to choose from: E32: 2.65 lbs. E33: 3.55 lbs. E34: 4.5 lbs. Shipping weight 6 lbs.</p>	 <p>GP18 - Gad Pry Bar</p> <p>An absolute must for any dredger for easy splitting, prying, scraping and opening seams/crevices. Forged steel construction gives this pry bar superior strength. Length 18 inches. Weight 2 lbs. Shipping weight 4 lbs.</p>	 <p>BS1 - Estwing Belt Sheath</p> <p>Protect your tools with this newly redesigned, Ballistic Nylon sheath from Estwing. A must have for the extra hand it gives you in holding your pick! Weight .20 lbs. Shipping weight 2 lbs.</p>
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PORTABLE GOLD & DIAMOND SCALES



NEW!

**ESR
RANGER Digital Scale**
grams, grains, ounces
& pennyweights

The ESR scale is compact, accurate and highly durable. This scale has a maximum capacity of 100 grams. **Accurate to 1/100th of a gram.** Measures approximately 5.50" x 3.25" x 0.75" Features: Removable lid/weighing tray, Stainless Steel Tray, Auto Off, Part Counting, One Button Calibration, Backlit LCD, USB port, Auto shut-off 10 Year Warranty. Operates on 2 AAA batteries (included).

Weight 129 grams.
Shipping weight 1 lb.



**ESM4
Digital Pro Magnum Scale**
grams, grains, ounces,
carats & pennyweights

An extremely durable scale with lighted digital display. Maximum capacity of 1000 grams & **Accurate to 1/10th of a gram.** Also is a counting scale. Measures approximately 70mm (2.75 inches) wide x 100mm (4) inches long x 20mm (1) inch in height. Features: stainless steel platform & removable plastic tray. 3 AAA batteries (included) and auto off feature. Calibration weight included. Professional accuracy with Tare Feature and a 5-year warranty. Weight 116 grams. Shipping Weight 1lb



**ESV2
Digital Prospector Scale**
grams, grains, ounces,
carats & pennyweights

Compact heavy duty scale with lighted digital display. Maximum capacity of 150 grams & **Accurate to 1/100th of a gram.** Measures approximately (2.2) inches wide x (4.2) inches long x (.50) inch in height. Features: stainless steel platform & removable sliding plastic tray. 3 AAA batteries (included) and auto off. Professional accuracy with Tare Feature and a 10-year warranty. Weight 116 grams. Shipping weight 1 lb.



NEW!

ESB1 - Pro Bowl Scale
grains, grams, ounces, carats

The ESB1 scale features a measurement bowl that makes keeping track of your material easier. Maximum capacity 2000 grams. **Accurate to 1/10th of a gram.** The extra wide base provides a sturdy foundation on any surface. The bright LED display shows digits vividly. Comes with two calibration weights to ensure precise measurements. Measures 7.4" x 2.25, platform size 4.7". Takes 2 AA batteries (included) Shipping weight: 2lb



DS1 Diamond Scale

This precision, compact diamond scale will weigh up to 50 carats and is sensitive to one tenth of a carat (0.1). Finely polished wooden case that is small enough to carry in your pocket. Comes with a vinyl carrying case. Dimensions: 1 3/8" x 4 3/8" x 2 1/2" Weight 1 lb. Shipping weight 2 lbs.



GS505 Gold & Reloading Scale

This classic scale is equipped with fast zeroing damper, easy to read balance beam, extra large leveling wheel and an improved platform for precision stability. Accurate to plus or minus one tenth of a grain (0.1). Made in the USA. Weight 1 lb. Shipping weight 2 lbs.

KEENE MERCHANDISE, COLLECTOR & NOVELTY ITEMS

Keene Engineering T-Shirts KTS

High quality Keene "T shirt" features single pocket styling with logo. Available in M, LG, XL & XXL. Colors: Black, Gray, Pink, Blue and Green. Shipping weight 2 lbs.



Embroidered Keene Baseball Hat - KH2

This stylish hat features the Keene name elegantly embroidered in our signature gold. Solid brushed cotton twill with velcro strap closure. One size fits most. 5 Colors: Black, Green, Beige, Digital Green Camouflage & Beige Camouflage. Shipping weight 2 lbs.



**Embroidered Keene
"Jolly Roger" Beanie - KH4**

Keep your ears and head warm in cold weather with this wool pull down hat. Embroidered with a skull and crossbones design. Shipping wt 1 lb.



**Gold Miner
Collector Pin CPGM**

This unique 3/4" gold plated pin displays a prospector hard at work with gold pan. Marvelous detail to this pin that is sure to be a treasure in your own collection for years to come. Features a military style backing. Shipping weight 1 lb.



**Crossed Pick & Shovel
Collector Pin - CPPS**

This 1" gold plated pin is an elegant accent to any lapel, tie, hat or anywhere you wish to show your Prospecting Pride! Features a military style backing. Shipping wt. 1 lb.



**Keene Logo & Pick
Collector Pin - CPK**

This 1 & 1/8" unique gold plated pin displays the Keene Logo and crossed miner's pick. Shipping weight 1 lb.



Keene Coffee Mug KCM

Quality 11 ounce black coffee mug with the Keene Engineering logo. Shipping weight. 2 lbs.



**Keene Engineering
Hooded Sweat Shirt KHJ
Hooded Zipper Jacket KHJZ**

High quality Warm Keene "Hooded Sweat Shirt Jacket" features full pockets and drawstring hood. 90% Cotton 10% polyester. Available in M, LG, XL & XXL. Comes in Black or Blue. Zipper or pull over with a embroidered skull and cross bones over KEENE. Shipping weight 6 lbs.

ST1 SHAKER TABLE WITH MAGNETIC SEPARATOR

This compact shaker table will concentrate gold as well as other values down to 500 mesh and will process up to 250 lbs per hour of placer or hard rock material. Ideal for use with large rock crushers and active placer operations. Table will process material as large as 1/4 inch and is equipped with built in nugget traps.

All eccentrics have ball bearings for long life and precision movement.

Equipped with a magnetic agitator that helps liberate the gold and provides superior recovery.

This ST1 Shaker Table has 4 discharge ports:

Gold Port, Roughing Port, Middlings Port, Tailings Port Table must be bolted down. Requires 110 Volt power source.

Dimensions:

43 inches long x 17 inches wide. Weight 60 lbs. Shipping Weight 100 lbs.



ST1

Model ST1B
Welded steel base not included
Dimensions 30" x 22" x 21"
Shipping weight 75 lbs

Optional Base

MODEL GCB GOLD CONCENTRATING BOWL



Model GCB Gold concentration Bowl

Recover fine gold quickly and easily from water flow of a garden hose, or battery pump. Uses 3 gallons of water per minute. Perfect for field use and has compact folding legs. Requires screening for proper use. Weight 3 lbs. Shipping Weight 4 lbs.

BUCKET CLIPS (GCBSLC)



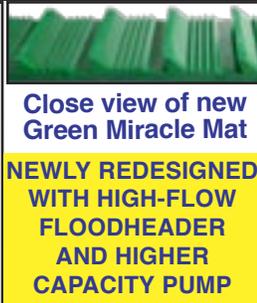
Support leveling clips for operation of the bowl on a 5 gallon bucket. Shipping Weight 1 lb.

KEENE SUPER CONCENTRATOR

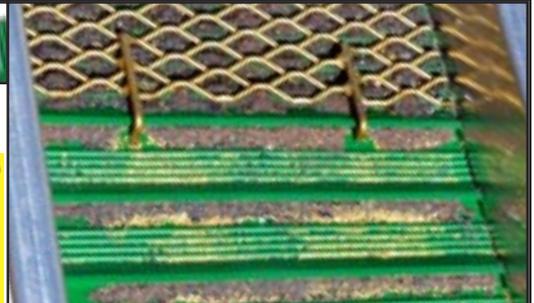


Improved With Larger 1600 GPH For Faster Processing

NEW!



Close view of new Green Miracle Mat
NEWLY REDESIGNED WITH HIGH-FLOW FLOODHEADER AND HIGHER CAPACITY PUMP



Keene Engineering has developed the perfect concentrator so you can experience unsurpassed fine gold recovery with a sluice box. This is a professional clean up tool constructed of quality parts that are built to last. The first Hungarian Riffle molded into a rubber mat and built into a portable concentrator sluice measuring 44 inches long by 8 inches wide with a built in flood header box, plumbed with an adjustable flow valve to meter water flow and separate spray nozzle for clean up. Includes adjustable height brackets to achieve a proper angle for maximum gold recovery, two 5 gallon buckets and a pump. The **KSCR** has been greatly redesigned this year. A newly designed flood header provides better flow. A higher capacity 1600 GPH 12 volt American pump. The sluice now features an 8 inch section of ribbed carpeting and zinc-plated expanded metal, offering more efficient processing of coarse materials and irregularly shaped gold. We have made the sluice into a two piece configuration for reduced cost on shipping. Capacity 100 lbs per hour. Operates for 8 hours on a typical automobile battery. Battery not included. Weight 27 lbs. Shipping Weight 50 lbs.

GREEN MIRACLE MAT is also sold separately by the inch in length. 1 inch in length x 35 inches wide. Item #KSCRM1

GOLD CUBE 4 STACK DELUXE GC4



GC4

Technology – Unique Patented process incorporates 3 degrees of separation. Versatility – Mine placer, beach, crushed ore, free milling ore, mine dump testing and can be set up in the water or off site recirculation. Portability modular design for fast setup and easy exit. Fits in the trunk yet gets as much gold as machines many times it's size. Efficiency Set it up, level, turn on pump, and process 1,000 pounds of 1/8th classified material to a few ounces in minutes.

The Gold Cube design eliminates surface tension in what we call the "G-Force Separator", which forces everything below water under a gate. This breaks the surface tension and forces the gold to the bottom of an axial trough. The combination of gravity and hydraulic pressure makes it impossible for the gold to float or sail. To illustrate this If you were to drop a flat washer and a steel bearing, both weighing the same, into a swimming pool at the same time, the steel bearing would hit bottom, first. In the same way, the flatter the gold; the more time it takes to settle.

Location is not the only factor to be aware of, though we have found that there are areas where the gold is typically very flat. Keep in mind, it is all about the shape of the gold. Many placer areas close to the source have gold that is chunky, roundish, and not flat. If you plan to limit your mining to this type of area, then a 3 Stack may be your machine. You can add a tray, later, if you decide to go to the beach or find a tailings pile with super-fine gold. Weight 28 lbs. Shipping Weight 34 lbs.

BUILD YOUR OWN RECIRCULATION SYSTEM

TUBESEAL2

Silicon seal works with curved buckets, tubes, tanks etc. Provides a good seal. Works with 2" PVC pipe schedule 40. Weight 1/2 lb. Shipping weight 2 lbs.



ROCK CRUSHERS

Model RC1 Rock Crusher

This amazing rock crusher is ideal for the gold prospector who is interested in a light-weight and economical high-speed machine. Material is gravity fed into the hopper and drops into the center of a high-speed tube. The centrifugal force throws the rock into a hardened steel impact wall at speeds in excess of 400 miles per hour. The harder the rock, the easier it shatters into powder. If any uncrushable particles are fed into the unit it will automatically pass them without damage or hesitation. When affixed to a five-gallon bucket, this unit provides a very low dust environment. Ideal for crushing all types of quartz, schist, limestone and much more.

This machine is also ideal for crushing black sand concentrates to release any encapsulated micron gold. Mounted to a vertical 5 hp. engine, capable of producing up to 100 lbs of grind an hour in a single pass. Multiple passes are required for finer grinds. Designed primarily as a pilot mill, not a production machine. This unit will handle a maximum rock size of approximately 1 inch. Comes with a 5 gallon bucket Pre Vented ready for a 2" shop vac hose.

Weight 85 lbs. Shipping Weight 100 lbs. **RC1CB Replacement Crusher Blades are available.**

RC1Cart An amazing add-on that makes the **RC1** easier to handle and safer to work, with less effort to use. Comes equipped with a break down frame on wheels that makes it easy to move even rough terrain. This compact roller design makes a one man project possible. Weight 35 lbs. Shipping Weight 40 lbs

RC1 Rock Crusher



1" Minus rocks



To this in 3 passes



RC1Cart

MODEL RC-46 2 STAGE COMPACT ROCK CRUSHER



The **RC46** quickly crushes 4" x 6" Rock into ultra fine powder. Over 50 years of manufacturing has proven this model to be a tried and tested reliable work horse. Rock is quickly crushed into 1/8 inch in size through the first stage jaw crusher and automatically delivered into the roller mill which reduces the material into "**Fine Powder**".

If finer grinds are required you can run the material the 2nd time. Engineered for the professional for continuous duty operation and years of dependable service. Designed for production with the highest quality material and components available.

We use american made bearing such as Dodge and Browning for years of reliable service. Built compact for ease of handling and manoeuvrability. Mounted on a permanent base for stationary applications. All replaceable and wear parts are designed with the operator in mind for easy adjustment and replacement in the field.

Powered by an **GX390** Honda engine with a 6 to 1 gear reduction for dependable service.



MODEL RC-46-DR 3 STAGE CRUSHER WITH DOUBLE ROLLER



The **RC46DR** has a stout 4" x 6" Jaw that quickly crushes all material down to 3/16" then falls into the first roller mill that takes it down from 30 to 80 mesh. Then the pre-crushed material drops into a second roller mill, reducing the material from 80 to 150 mesh.

With the upgraded double roller mill option, you can do it all in one pass. We have also improved the overall design and quality by building each component in modular sections. The top section is the 4" x 6" jaw crusher.

The next 2 components are the new double rollers sections. This new design also makes it easier to service. Second set of rollers may be purchased additionally.



RC46 Rock Crusher Specifications

Jaw Size: 4 inch x 6 inch | Roller Size: Two 6-inch rollers | Wear Plates: Replaceable | Wear Parts: Hard Steel Browning Tapered Roller Bearings
Capacity: Up to 1 ton per hour | Weight: Base Mounted Weight 570 lbs | Shipping Weight: 630 lbs | Size: 21" x 48" x 43"

Model RC46E Electric Driven

Powered with a heavy duty 7.5hp, 230 volt or 460 volt 3 phase. | Weight 570 lbs | Shipping weight 630 lbs | Size 21"x48"x 43"

RC46DR Base Mounted Shipping Weight 730 lbs | Size: 21" x 48" x 55"

RC46DE Electric Motor Base Mounted, 10 hp electric 3 phase motor. Shipping Weight 730 lbs | Size 21" x 48" x 43"

RC46DRK Conversion for 2016 **RC46** Crushers Shipping Weight: 150 lbs | Size 24" x 24" x

MIGHTY MIDGET DRYWASHERS - HAND CRANK OR BATTERY POWERED

Gold Dry Washers are used primarily in areas where water is not available, such as arid and desert areas. Dry-Washing for gold goes back to the earliest days of gold discovery, where water was not available to separate the valuable concentrate from sand and rock. Work great above river deposits where dredging is prohibited. Some of the first dry washer produced came out in the early 1930's. This basic principle has not changed but technology has brought it to a new level.

The Keene DW2 series dry washer came out in the late 1950's powered by a rope pole to drive the bellows. Over the decades it has evolved into a hand crank then into a 12 volt motor system. It is available in a hand crank system that is very effective and easy to use however it does require more work to operate. The 12 volt system works very well due to the low amp draw due to quality American made motor. The motor is equipped with a PWM "Pulse Width Modulation control" "Speed controller. This speed controller is unique that it reduces the Amp draw on the motor that increases the battery life noticeably. This is a good little machine for small to medium size operation. Great for a 1 man or family operation moves roughly 1/4 Yard per hour.

There are some pros and cons of a bellows dry washer.

The DW2 Series is simple, easy to use, quiet light weight and provides great fine gold recovery.

- 1. Air Gravity Separation:** Material is placed in suspension, the bellows pass air up through the cloth. The heavier material and black sand settles and becomes entrapped behind the riffles.
- 2. Vibration Concentration:** The crank action vibration from the bellows assist in settling heavy values.
- 3. Large Hopper:** A hopper with an adjustable flow control gate provides an even distribution flow of material, increases capacity and improves recovery.
- 4. High Production Recovery:** New Dual Riffle Design for higher production. The riffle tray is removed with our advanced snap latching system, making the clean up process easier.
- 5. Vibrating Shaft and Bellows:** Hand crank or optional 12 volt motor operates the vibrating crank shaft causing the heavier materials to settle faster for improved recovery.

Model DW2: Hand crank model only. Weight 32 lbs. Shipping Weight 70 lbs.

Model DW12C: 12 volt electric conversion kit for DW2 (Convert hand crank to 12V electric drive and have both). Requires one 12 volt battery (not included). Weight 8 lbs. - Shipping Weight 11 lbs

Model DW12V: Combination electric driven & hand crank model. 12 volt battery not included. Wt 40 lbs Shipping Weight 50 lbs.



DW212V
12 Motor Drive

DW2
Hand Crank



KEENE'S 140S/151S/160/190 VIBROSTATIC DRY WASHER WITH SOFT BED TECHNOLOGY

All Keene blower powered drywashers work off the same cutting edge technology



- 1. Soft Bed Technology** The aluminum backplate provides a strong back bone for the riffle board.
 - 2. The Polyester carpet** works as a dust filter and greatly enhances the static charge.
 - 3. The Polycarbonate backing** helps create a dead air space under each riffle and helps with the static charge.
 - 4. The waffle pattern** rubber backing provides additional support plus and enhances the static the static charge. Similar to rubbing a balloon on your head and sticking it to a wall.
 - 5. The silk screen** provides a very precise air flow plus generating a static charge.
- Scrubbing Pins** Breaks up the material dirt clods, conglomerate and provides a perfectly even flow entry into the recovery tray.
- Blast Gate Technology** Enables the user to make infinite adjustments to vibration and air pressure in the recovery box. Provides better fine gold recovery and more fine tuning.
- Improved Vibrator System** New enclosed fan vibrator provides almost twice the vibration of previous vibrators and works great at transferring vibration in to the hopper for higher production.
- Vibration Transfer Brackets** Transfer vibration from the recovery box to the classifying hopper. The vibrating top hopper classifies material faster and works better in harsh conditions.
- Aluminum Riffle board** This strong but light weight riffle board provides the latest riffle shapes, spacing and dead air space providing the best recovery in the world. Also the light riffle Board helps maximize the vibration enhancing the fine gold recovery. Many professional use our concentrators to create a much larger machine using multiple boxes fed by loader or excavator.

ALL THESE MODELS HAVE VIBROSTATIC DRY WASHER SOFT BED TECHNOLOGY



140S



151S



160



191

Model 140S VIBROSTATIC® CONCENTRATOR *Patented*

Model 140S Dry washer

The **140S** is ideal for dry washing for medium to small operations. Ideal for someone that wants to have professional results with less weight and bulk. Folds up in to a very small package great for back packing or mounting on your quad runner etc.

Equipped with latest patented designs Soft Bed Technology, Scrubbing Pins, Improved Vibrator System, Blast Gate, Vibration Transfer Brackets ETC.

Updated with the folding legs with the new pin-lock fasteners making this model easy to assemble and disassemble. The hopper has been enlarged for greater capacity to include steeper sides to prevent material build up. Over 4 decades of improvements and fine tuning. You cant go wrong with this **140** series dry washer. It hand-



140SHVS



les 1/2 yard per hour, this little package packs a lot of bang for its weight and size.

Plus we have the best fine gold recovery in the world.

Model 140SHVS (Hi Vac Power System with Model 140S) The perfect match for efficiency and portability. Complete with all the accessories to start a Dry washing operation. Comes complete with 10 feet of 3 inch hose to connect the **140s** and **HVS** Makita 4 stroke blower. The Makita gas powered dry vacuum also works as a shop vac system. The shop vac makes it possible to vacuum and clean gold deposits from cracks, crevices and even open up your hole faster. Also ideal for cleaning out cracks, crevices along the rivers edge as well as cleaning out dry wash holes. You will not find a higher quality more versatile package anywhere. Weight 53 lbs. Shipping weight 68 lbs.

MODEL 151S VIBROSTATIC® CONCENTRATOR WITH HOT AIR INDUCTION *Patent #4615797*

The Model **151S** is our highest production portable dry washer. This is ideal for the serious gold miner looking for maximum yardage the best recovery and able to work in damp ground. This is hands down the best dry washer in the world, we have sold thousands of these abroad and overseas. We are always fighting a battle with the Chinese and other companies attempting to come close to our performance and fortunately no one is even close.

Our dry washers have a lot of detail in the way they are manufactured and these are more costly to make but it is worth it. We have been out on outings with other brands and when you see all the fine gold in the pan compared to the other guys it is a no brainer. Our patented blower system is equipped with heat shroud that accomplishes 3 things. Pulls the heat from the head of the engine increasing the ambient temperatures up to 50 degrees makes both the air and recovery box operate at higher temperatures and make a huge difference in drying damp ground.

The warm dry air also creates more static electricity that improves flour gold retention. By increasing the air flow over the cylinder the motor will run cooler and last longer

Equipped with latest patented designs Soft Bed Technology, Scrubbing Pins, Improved Vibrator System, Blast Gate, Vibration Transfer Brackets and Preheated Air System

The improved pin-lock folding frame also makes this model a dream assemble Equipped with 10 feet of light weight but robust 4 inch ducting hose. The hopper has been enlarged for greater capacity to include steeper sides to prevent any possibility of material build up, plus the large hopper allows for multiple people feeding it even from a distance. Up to 1.50 Yards per hour. Weight 97 lbs. Shipping weight 113



151S



Hot Air intake

151EBA



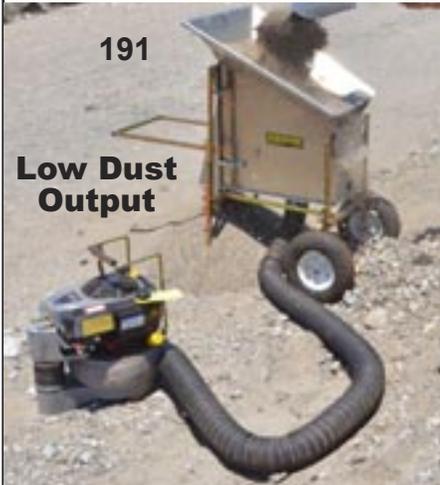
151S

151S folds up into a small package for fast set up and breakdown

Concentrator assembly

MODEL 190 SERIES DRYWASHER

The Model 191 is a high production portable dry washer with the Low Dust feature. This is ideal for the serious gold miner looking for high yardage and amazing recovery in damp ground and a low dust environment. The 191 creates 7 milliamps of constant current that creates a positive charge on all dust particles that creates a virtually dustless environment. The Blast Gate provides for infinite adjustment of vibration and air pressure. Scrubbing Pins separate stubborn gold and creates an even flow of material. The enclosed riffle bed creates a dust free environment and a compact single unit design for an extremely efficient system.



191

Low Dust Output

Equipped with latest patented designs Soft Bed Technology, Scrubbing Pins, Improved Vibrator System, Blast Gate, Vibration Transfer Brackets

The 190 Drywasher provides unmatched fine gold recovery, out performs all drywashers and even rivals efficient wet systems. This year we have improved the 190 Series to feature fully adjustable bumpers to improve gold recovery. The 190 Series now features double adjustable air dump doors that allow increased vibration and lower air pressure under the riffle board to further increase fine gold recovery.

Model 190 Drywasher with legs and wheels only.

Weight 51 lbs. Shipping weight 79 lbs.

Model 191 Includes the drywasher, a 190cc GCV160 Honda Engine, and 10 feet of heavy duty ducting hose. Can process up to 1.25 yards per hour.

Weight 90 lbs. Shipping weight 120 lbs.



190

MODEL 160 MINI SERIES LOW DUST DRYWASHER AND HIGH BANKER COMBO

This smaller version is extremely lightweight and compact making it ideal for packing into remote locations. Provides the same super fine gold recovery and dustless operating as the 190. This Drywasher can handle up to 1/4 of a yard per hour. Weighs only 29 lbs and features the same updated bumpers and we have doubled the size of the dump door, these improvements are the same as the ones made to our 190 system.

Model 160 Drywasher only. Drywasher only. Weight 29 lbs. Shipping weight 40 lbs.

Model 161HVS Drywasher HVS and hose. Drywasher with 4 cycle blower, High Vac System and hose. Weighs 44 lbs. Shipping weight 70 lbs.

Model 16012VK 12 Volt Wet Conversion Kit. Miracle Mat sluice extension, RP2200 12 volt pump kit, Hopper kit with grizzly. Weighs 8 lbs. Shipping weight 12 lbs.

Equipped with latest patented designs Soft Bed Technology, Scrubbing Pins, Improved Vibrator System, Blast Gate, Vibration Transfer Brackets



Low Dust Output



160



16012Vk

HVS Blower Shop Vac



HVS DRY VACUUM AND BLOWER SYSTEM

Model HVS Improved with the High Quality Makita 4 Cycle Engine

A powerful Makita BHX2500CA gas powered 4 cycle engine uses regular gas (no oil to gas mixture) this dry vacuum system makes it possible to vacuum and clean gold deposits from cracks, crevices and moss. Another great feature is the ability to lock the engine throttle in a desired position. This is a great tool for snipping. The HVS also runs the 140S and the 160 drywashers. Runs all day on just one gallon of gasoline. Includes: a crevice nozzle, A27 crevice tool, 6 foot suction hose, 10 inch gold pan, a Gold Prospector's Digest, GBS1 sniffer bottle, a funnel and gold vial.

Equipped with our new screw on lid with double ports, enabling the motor to set upon the bucket while powering the drywasher, No need to separate the motor and bucket when powering the dry washers.

Weight 19 lbs. Shipping weight 25 lbs.

POWER SLUICE CONCENTRATORS

MODEL 173H



Rather than haul material to the water, you can bring a lightweight, efficient power sluice to the source. The power sluice can process and recover values from remote placer deposits hundreds of feet away from the water source. The hopper design washes gravel, clay and debris with a high pressure washing spray bar and all washed material then is classified to minus 1/2 inch in size for selective recovery. The spray bar is equipped with a water valve for ease of controlling the flow into the sluice. A garden hose port on the manifold can be used for cleaning cracks and crevices in the bedrock and assist in cleaning the sluice tray. The sluice itself is constructed with heavy-duty latches, rolled top edges and an effective hopper adjustment system. The recovery system features ribbed black rubber matting for quick visual identification of values, Hungarian riffles over miner's moss for fine gold recovery and expanded metal over ribbed matting for final separation. Equipped with an adjustable independent leg support system that enables the power sluice to be assembled on any type of terrain in minutes.

Model	Engine & Pump	Sluice Dims	Pressure Hose	YPH	Suction Nozzle	Foot Valve	Weight	Ship Wt
173H	GX120 Honda Php160	48"x12"	25'x1.50"	1.0	—	FVA20E	82 lbs.	185 lbs.
175H	GX200 Honda P180	48"x12"	50'x1.50"	1.25	—	FVA20E	90 lbs.	245 lbs

POWER SLUICE CONCENTRATOR DREDGE COMBINATIONS

MODEL 17325



Keene has combined the popular power sluice and portable dredge to create an entirely efficient recovery system that can be used in most any situation. This versatile machine can be equipped with a 2 1/2 or 3 inch suction hose for dredging. The sluice box works extremely well for dredging because the material is pre-classified before entering the sluice box. Combination units are ideally suited for shallow water areas with the power sluice being so simple to set up and requiring less water than a standard dredge to operate. All combination models can be equipped with an air compressor for diving.

MODEL 1753H



Model	Engine & Pump	Sluice Dims	Pressure Hose	Suction Hose	YPH	Suction Nozzle	Foot Valve	Weight	Ship Wt.
17325H	GX120 Honda-Php160	48"x12"	17' x 1.50"	15' x 2.5"	1.0	2.5"	FVA20E	98 lbs.	185 lbs.
1753H	GX200 Honda-P180	48"x12"	4' x 1.50"	15' x 3"	1.25	3"	FVA25E	107 lbs	245 lbs.

SPECIALITY POWER SLUICES AND COMBO DREDGE FOR GOLD AND GEM RECOVERY

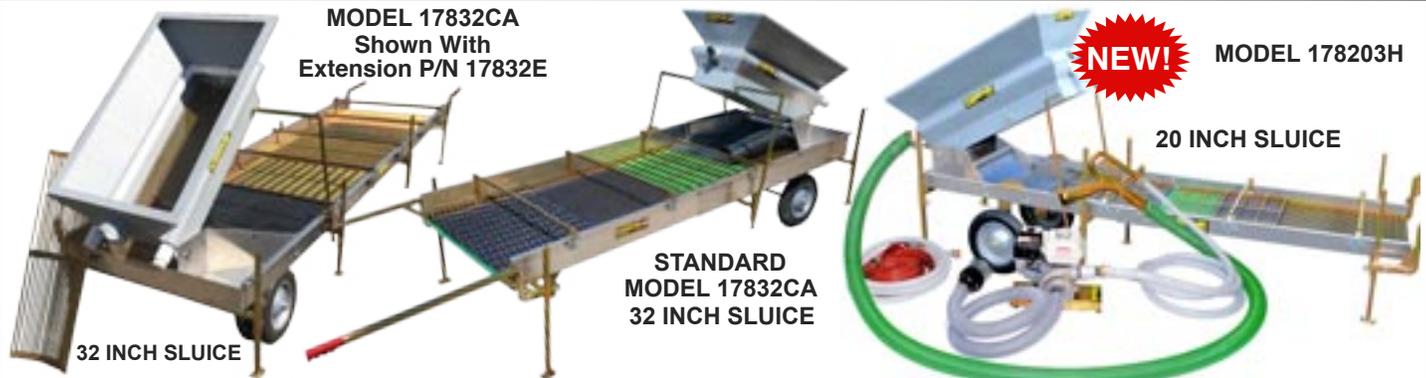
Keene Engineering designs and manufactures a variety of special purpose dredges and power sluices for a variety of applications, including gold and gemstone exploration.

These machines have been commonly used in the fields of Africa and are ideal for pilot sampling prior to starting large scale operations. Designed to be a lightweight portable concentrator that is suitable for the recovery of extremely fine gold and gemstones. This system has evolved from our Model 175H and 1753H, with sluice box extensions that measure 4 feet in length and 12 inches in width. Each sluice extension will increase the recovery of values and extend the time between cleaning the sluice of concentrates. Each sluice extension is equipped with a conversion kit including suspension support legs that give added support for any terrain. Specify recovery for Gold, Diamonds or both as they have different riffle configurations. Available as a concentrator for large operations. The Power Sluice Combination Dredge is equipped with a 3 inch diameter suction system that is 20 feet in length. This combination makes it possible to vacuum material directly into a collection hopper where it is washed, separated and classified.



Model	Combination Power Sluice	Sluice Dimensions	Engine & Pump	Pressure Hose	YPH	Foot Valve	Suction Hose	Weight	Shipping Wt.
175X8H	Concentrator	8 Feet x 12 inches	GX200 Honda P180	50 ft. NH1.5	1.25	FVA25E	—	112 lbs.	194 lbs
175X12H	Concentrator	12 Feet x 12 Inches	GX200 Honda P180	50 ft. NH1.5	1.25	FVA25E	—	112 lbs.	194 lbs
1753X8H	Combination Dredge	8 Feet x 12 inches	GX200 Honda P180	50 ft. NH1.5	1.25	FVA25E	3" x 20'	172 lbs.	264 lbs
1753X12H	Combination Dredge	12 Feet x 12 Inches	GX200 Honda P180	50 ft. NH1.5	1.25	FVA25E	3" x 20'	192 lbs.	264 lbs

NEW HIGH PRODUCTION POWER SLUICE AND COMBINATION DREDGE



Improved riffle designs, Miracle Matting protected by a 1/8" classifier screen, Hungarian riffles and a variety of expanded metals and crapets

This new model **178203H** features a hopper that is nearly twice the size of a earlier model that can accommodate much higher volumes of material. It also comes with 3/8-inch removable Grizzly classifier screens. We also offer some optional curved screens to help improve degrading of clay and hard packed material and accommodate a rounded shovel. The new recessed spray bar is protected from impact of larger rocks and provides stronger and wider spray for a more complete washing of material. This Power Sluice is 20 inches wide, 8 feet long and capable of processing up to 4 cubic yards per hour.

The sluice is equipped with 4 different riffle designs. Miracle matting protected by a large 1/8th classifier screen, traditional Hungarian riffles, the simple but effective small expanded metal over carpet and some larger expanded metal over carpet. This riffle design is extremely versatile and very forgiving unlike some other machines that use all rubber riffles. In a heavy-duty machine like this when dredging or high banking there's a lot of chaos in the sluice and the variety of carpets mats is essential to maintain high production and fine gold recovery.

Model **17820** comes complete with a **P185H** motor, pump and base. A 8' 2 1/2" foot valve **FVA25E** assembly and 50 feet 2 inch Nylon braid hose with couplings to complete the system. We also provide a 5 foot section of the 1.5" pressure hose couplings and clamps to accommodate the sharp bends in the hose.

The **17832CA** is one of the smallest high bankers that is capable of being fed by a compact excavator. The highly durable 2-inch grizzly classifier placed on top of the hoppers separates large rocks, removing the need for hand separating. Comes with the same quality 1/4-inch and 3/8-inch classifiers as our other **178** Series power sluices. This newly designed 32-inch sluice is capable of handling an upwards of 4 yards per hour with its variety of riffles tailor made to accommodate all types of gravel and gold, ranging from fine to coarse.

Model	Description Power Sluice	Sluice Dims	Engine & Pump	Pressure Hose	S/Hose	S/Nozzle	Foot Valve	YPH	Weight	Ship Wt.
17820CA	Hopper Sluice Legs	8' x 20"	—	—	—	—	—	3.0	110 lbs.	165 lbs.
17820E	4' long extension with legs	4' x 20"							165 lbs.	265 lbs.
17820WK	178 P/S Wheel Kit & Handle								25 lbs.	50 lbs.
17820H	Complete w/ Engine & Pump	8' x 20"	GX200 - P180	50' NH2, 20' PH2	—	—	FVA25E	3.0	183 lbs.	287 lbs.
178203H	Combination 3" Dredge	8' x 20"	GX200 - P180	50' NH2, 20' PH2	3" x 20'	SN32	FVA25E	3.0	228 lbs.	300 lbs.
17832CA	Hopper Sluice Legs	8' x 32"	—	—	—	—	—	4.0	250 lbs.	299 lbs.
17832E	Sluice extension with legs	4' x 32"							80 lbs.	150 lbs.
17832WK	178 P/S Wheel Kit & Handle								35 lbs.	60 lbs.
178329H	Complete w/ Engine & Pump	8' x 32"	GX270 - PHP500	50'-NH2, 20' PH2		SN32	FVA30E	4.0	390 lbs.	490 lbs.
1783294H	Eng. & Pump Combo 3" D	8' x 32"	GX270 - PHP500	50'-NH2 20' PH2	3" x 20'	SN42	FVA30E	4.0	490 lbs.	590 lbs.

HIGH PRODUCTION POWER SLUICES WITH MIRACLE MAT

MODEL 176244



This new commercial power sluice has been designed and tested in the beaches of Nome Alaska where ultra fine gold recovery and larger capacity is required. Designed to accommodate additional connecting sluices for prolonged run time and greater capacity. This sluice 6 feet long 24" wide and is lined with our new and improved rubber molded Green Miracle Mat Riffle that is acclaimed to be the

most effective gold separating device on the market. The sluice box breaks down into two connecting sections, each supported by adjustable legs with a robust sub frame. The top hopper is designed with 3/16 inch woven wire mesh to classify the size of material entering the recovery box. Check Keene Engineering's web site for video presentation. Capacity 1.0 cubic yds. per hour. Large enough to keep two men busy shoveling.

MODEL	Description Power Sluice	Sluice Dimensions	Engine & Pump	Pressure Hose	Foot Valve	Foot Valve Hose	YPH	Weight	Shipping Weight
17624CA	Concentrator	6 Feet x 24 inches	—	—	—	—	1.0	65 lbs.	122 lbs.
176244	Concentrator	6 Feet x 24 inches	GX120 Honda - PHP1604	50 ft. NH1.5	FV20	20 Feet	1.0	150 lbs.	215 lbs.

**KEENE ENGINEERING'S LATEST NON-CLOGGING POWER JETS
VIRTUALLY ELIMINATES ROCK JAMS!
EQUIPPED ON ALL 2, 2.5, 3, 4, 5, 6 AND 8 INCH DREDGES!**

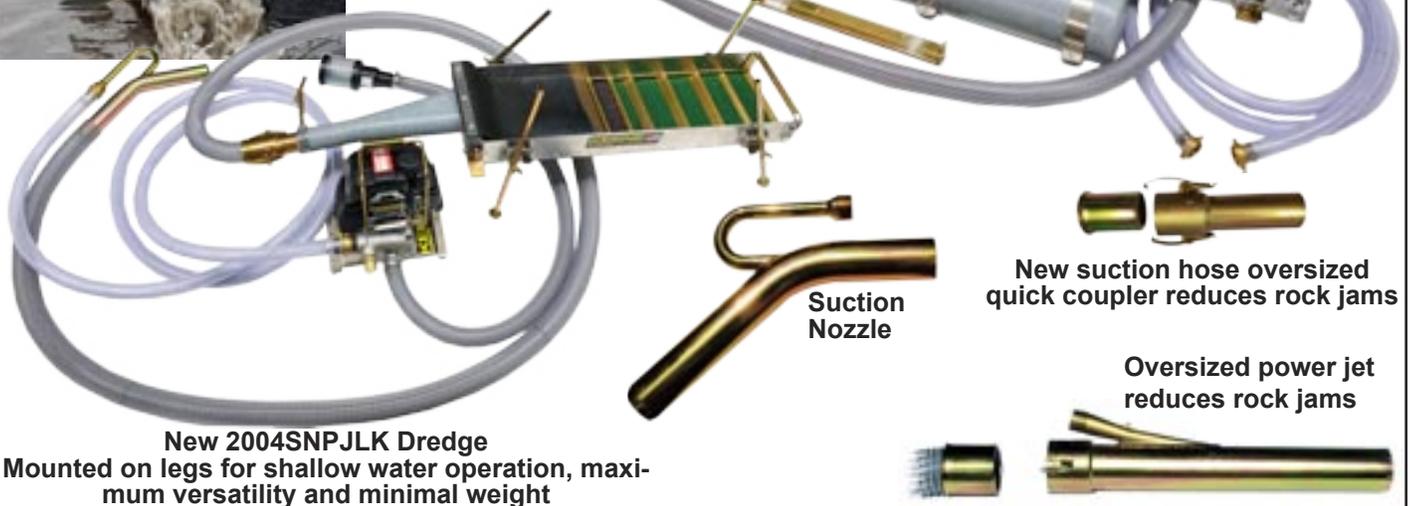
We have improved the standard Power Jet and created a more efficient, easy to use superior jet! The new design involves a slight enlargement of the jet tube, making it a bit larger than the interior of the suction hose. This modification creates a smooth, seamless flow from hose to jet. Rock jams and other obstructions are virtually eliminated providing less downtime. The quick coupling features two side mounted snap levers for quick and easy joining. Each oversized power jet comes with the suction hose quick coupling. Available in 2, 2.5, 3, 4, 5, 6 and 8 inch Jet sizes.



HIGH PERFORMANCE BACKPACKABLE DREDGES



New 2004SNPJLK Dredge



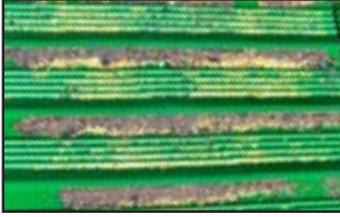
**New 2004SNPJLK Dredge
Mounted on legs for shallow water operation, maximum versatility and minimal weight**

The Model 2004 (2 inch) Backpack Dredges

This super high powered backpacker dredge is equipped with a lightweight, quiet heavy-duty **GX50** Honda 4 cycle engine that nearly doubles the power from our previous models. This engine and pump combination produces an unbelievable 100 gallons per minute and up to 160 feet of head lift. The sluice box is specifically engineered for fine gold recovery and easy clean up. The Model **2004** is constructed with an improved aluminum frame and is supported by a robust and light weight pontoons. Our newest model the **2004SNPJLK** is the most versatile dredge in the world and performs in all conditions. The suction nozzle works in extremely shallow water conditions while the power jet system provides superior suction power easy handling and less rock jams. Equipped with our latest folding, fully adjustable legs that enables you to bank mount or place in stream without flotation. These new features also provide a quick release dredge hose and eliminates any bottle necks in the system that can cause rock jams.

Model	Engine	Pump	Flotation	Sluice Box	Jet System	Jet Flare	Pressure Hose	Fuel Consumption	Dredging Capacity	Suction Hose	Weight	Ship Weight
2004PJF	GX50 Honda	P90	PFA2 43"x 28"x 8"	SB2F 10" x 36"	PJ20	PPJ20	1.25" x 4' Clearflow	5 hours Per Gallon	1.5 Yards Per Hour	2"x 15' SH2	65 lbs.	80 lbs.
2004PSNF	GX50 Honda	P90	PFA2 43"x 28"x 8"	SB2F 10" x 36"	SN2	PPJ20	1.25" x 17' Clearflow	5 hours Per Gallon	1.5 Yards Per Hour	2"x 15' SH2	66 lbs.	90 lbs.
2004SNPJLK	GX50 Honda	P90	PFA2 43"x 28"x 8"	SB2F 10" x 36"	PJ20 SN2	PPJ20	1.25" x 4' 1.25" x 17' Clearflow	5 hours Per Gallon	1.5 Yards Per Hour	2"x 15' SH2	75 lbs.	120 lbs.

NEW GREEN MIRACLE MAT



After years of development and 23 different prototypes, Keene Engineering has developed the perfect concentrator riffle. The first Hungarian Riffle molded into a soft rubber mat. With its amazing micro-fine gold recovery, Miracle Mat is now the staple of many Keene products. Miracle Mat sets under the classifier screen that is placed at the head of the sluice box. Spot ultra-fine gold easily and quickly by checking the Miracle Mat. Now in green for better visibility of concentrates, black sand, and gold.

See example of Super Fine Gold Concentration on Mat.

KSCRM1 GREEN MIRACLE MAT

Sold by the inch in length.

1 inch (L) x 35 inches (W) up to 35 inches (L) x 35 (W)

THE ULTRA LIGHTWEIGHT 2.5 - 3 & 4 INCH DREDGES



Ultra 2.5"

The Ultra Series Dredge has set the standard for a more compact dredge design. It can be easily transported and quickly assembled. The unmatched performance of this innovative dredge system is designed for those who operate in extremely remote and challenging locations.

The Ultra Dredge features a high performance sluice box recovery system with the very successful Slow Flow sluice box. The improved sluice is equipped with miracle matting, miners moss, green ribbed carpet and expanded metal.

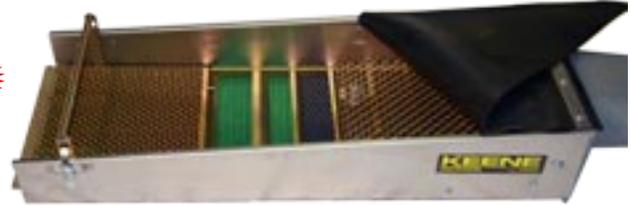
Equipped with an oversized power jet and Cross link Polyethylene jet flare for greater suction power and non-clogging. The one piece ribbed, lightweight Cross link Polyethylene floats and two piece frame provides a compact package for assembly and is smaller and lighter than all previous dredge models. Designed to fit compactly inside the bed of a small Pickup Truck or SUV.

NEW 2.5", 3" and 4" SLOW FLOW ULTRA SLUICE SYSTEM !!!



Ultra 3"

NEW!



NEW!

The slow flow recovery system is a game changer. The 1/4" heavy duty woven wire drops water speed 50 to 60 percent slower underneath. The woven wire is elevated above the riffle protecting the larger rocks impeding the fine gold recovery.

The woven wire with the large wire diameter acts like a riffle and sucks the heavies through again making this the best recovery in the world for its size and weight.

MODEL	ENGINE	PUMP	COMP	JET	JET FLARE	SLUICE BOX	MAX- DEP	SUCTION HOSE	YPH	WEIGHT	SHIP WT.
2604HPJ	GX120 Honda	PHP160	None	PJ250	PPJF25012	SB25F	30'	2.5" X 20'	3.0	130 lbs.	340 lbs.
2604HSN	GX120 Honda	PHP160	None	SN25	PPJF25012	SB25F	30'	2.5" X 20'	3.0	132 lbs.	365 lbs.
2604HCPJ	GX120 Honda	PHP160	KAC	PJ250	PPJF25012	SB25F	30'	2.5" X 20'	3.0	132 lbs.	365 lbs.
2604HCSN	GX120 Honda	PHP160	KAC	SN25	PPJF25012	SB25F	30'	2.5" X 20'	3.0	144 lbs.	365 lbs.
3400PH	GX120 Honda	PHP160	None	PJ30	PPJF30	SB3F	20'	3" X 20'	4.0	155 lbs.	365 lbs.
3405PH	GX120 Honda	PHP160	KAC	PJ30	PPJF30	SB3F	20'	3" X 20'	4.0	165 lbs.	340 lbs.
3500PH	GX200 Honda	P180	None	PJ320	PPJF30	SB3F	40'	3" X 20'	4.0	160 lbs.	365 lbs.
3405PH	GX200 Honda	P180	KAC	PJ320	PPJF30	SB3F	40'	3" X 20'	4.0	170 lbs.	365 lbs.
4400PH	GX200 Honda	P180	None	PJ420	PPJF40	SB41	30'	4" X 20'	5.0	170 lbs.	365 lbs.
4405PH	GX200 Honda	P180	KAC	PJ420	PPJF40	SB41	30'	4" X 20'	5.0	180 lbs.	365 lbs.

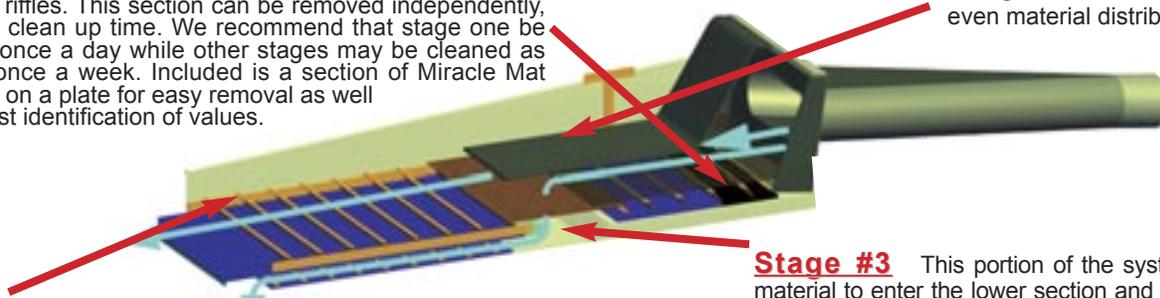
KEENE'S ACCLAIMED 4" 5" & 6" INCH HIGH PERFORMANCE 3 STAGE SLUICE BOX SYSTEM

Experience fine gold recovery, in a lighter and more compact dredge, that will out perform any double sluice on the market!

- Extremely easy to operate, quick and easy clean up.
- Provides quick identification of values in the primary recovery riffle section.
- Rolled top edges for greater safety and strength.
- Heavy duty latches and a longer rubber damper for more even distribution.
- Currently available on 4, 5, 6, and 8 inch dredges.

Stage #1 Recovers 90% of all visible gold in the primary recovery riffles. This section can be removed independently, reducing clean up time. We recommend that stage one be cleaned once a day while other stages may be cleaned as little as once a week. Included is a section of Miracle Mat mounted on a plate for easy removal as well as the fast identification of values.

A longer rubber damper for more even material distribution.



Stage #2 Secondary recovery of coarse gold. This section of the recovery system is designed to capture any gold that may have been embodied with clays in hard packed material. This riffle works very well because it does not become packed with black sand.

Stage #3 This portion of the system allows fine material to enter the lower section and protects it from high velocity water. Ultimately, this provides for super fine recovery of gold and black sand. This section creates a low pressure area at the end of the primary recovery system that screens the 1/8" minus out of the main box.

4 INCH DREDGE WITH ENGINE, PUMP OPTIONS AND 3 STAGE SLUICE

Our 4 inch dredge has all of the features you would expect from a larger professional dredge but in a more compact model. These 4 inch dredges are ideal for the prospector requiring a light, portable dredge with capacity to move large amounts of material. Experience the professional recovery features of larger dredges in this package.

The 4 Inch Features:

- Our 3 stage sluice box for unsurpassed fine gold recovery.
- A **P180** pump that has proven to be the highest performing pump on the market for its size.
- 4 Marlex floats with built in tool boxes and drink holders with bottom runners for rocky river bottoms and fast water.
- Superior float frame with handle inserts, making it ideal for transporting and picking up and carrying dredge through fast water conditions.
- Adjustable jet flare can be raised and positioned at frame level for transporting through rapids and shallow areas.



Keene has always been dedicated to bringing you the best products possible. Fortunately, the rapid advancements in technology have enabled us to continually work to find ways to improve our pumps. We are certain that you will be pleased with the increased performance that is available with our pumps. Do not be fooled by high G.P.M. ratings on other pumps. What makes a dredge perform is the precise balance of optimum volume and working pressure.

Our 4 Inch is shown equipped above with our optional **Sluice Bucket Recovery System (SBRS)** which aids in fast and easy recovery of concentrates. **See page 38 for details**

AVAILABLE WITH A VARIETY OF ENGINES, PUMPS AND COMPRESSOR COMBINATIONS.

MODEL	ENGINE	PUMP	COMP	JET MODEL	JET FLARE	SLUICE BOX	YARDS PER HOUR	FLOAT DIMENSIONS	FLOAT MODEL#	WEIGHT	SHIPPING WEIGHT
4500PH	GX200 Honda	P180	None	PJ420	PPJF40	SB4F3	5.0	73" x 46" x 13"	4 x PF45S	195 lbs.	400 lbs.
4505PH263	GX200 Honda	P180	263	PJ420	PPJF40	SB4F3	5.0	73" x 46" x 13"	4 x PF45S	220 lbs.	420 lbs.
4505PHKAC	GX200 Honda	P180	KAC	PJ420	PPJF40	SB4F3	5.0	73" x 46" x 13"	4 x PF45S	215 lbs.	420 lbs.

5 & 6 INCH DREDGES FEATURE 3 STAGE SLUICE SYSTEM

Years of research and development, as well as valuable customer input went into these 5 and 6 inch models.

All 5 and 6 inch dredges feature our 3 Stage Sluice Box for superior fine gold recovery. These dredges are the perfect size for the serious minded prospector who requires portability without sacrificing professional results.

The flotation system is designed to operate in most conditions, including fast running and deep water. Many engine and compressor options are available to suit your needs and budget.



The picture above shows a typical dredging operation with our new **6211HM** 6 inch dredge featuring the new **HP500** pump.

Model 5211HP

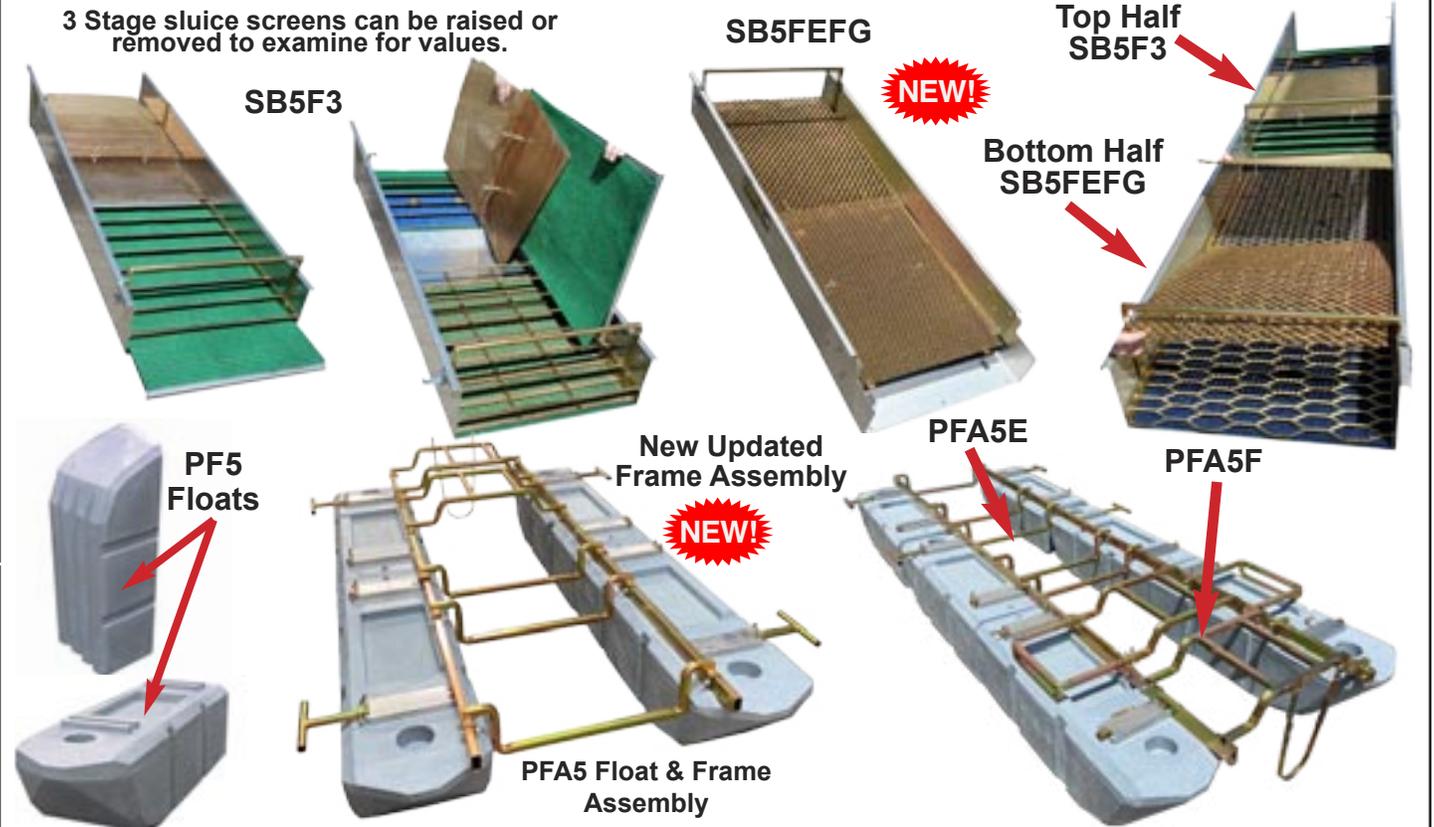
This is a powerful and versatile 5" dredge, powered by twin **GX200** Honda engines. These small engines can be transported with ease into remote locations. The smaller, more versatile engine package can also be used for other devices such as high bankers or smaller dredges. This twin engine design has been one of the more popular dredges for decades. **KAC** air compressor is used for up to two divers.



Features for the 5 and 6 inch Mini Dredges:

- 1.) 3 Stage Sluice Box is the ultimate in fine gold recovery, convenience and easy clean up.
- 2.) Floats with step nose cut and runner bottoms for sliding through fast rocky rivers.
- 3.) Storage indentures provide a place for your tools, mask, rock pick, etc.
- 4.) Marlex floats have been redesigned in a granite gray Marlex that blends beautifully into the natural terrain.

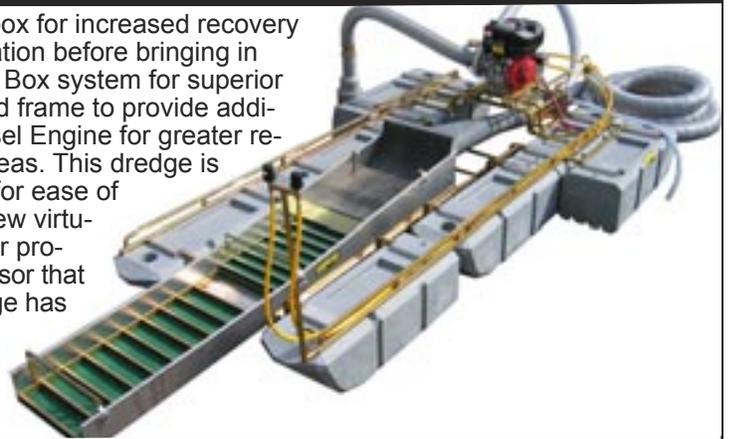
3 Stage sluice screens can be raised or removed to examine for values.



MODEL	Honda Engine	PUMP	COM-PRESSOR	MAX DEPTH	POWER JET	JET Flare	FLOAT	HOSE LENGTH & SIZE	SLUICE BOX	FUEL PER HR	DREDGE DIMENSIONS	YDS PER HOUR	WEIGHT	SHIPPING WEIGHT
5109PH	GX270	P350	KAC	25'	PJ530	PPJF50	PF5	SH5 x 20'	SB5F3	.50	102" x 59" x 38"	9 YPH	325 lbs.	400 lbs.
5113PH	GX390	PHP500	263	30'	PJ530	PPJF50	PF5	SH5 x 20'	SB5F3	.75	102" x 59" x 38"	10 YPH	355 lbs.	430 lbs.
5211HP	2x GX200	2/ P180	KAC	35'	PJ5T20	PPJF50	PF5	SH5 x 20'	SB5F3	.55	102" x 59" x 38"	10 YPH	317 lbs.	420 lbs.
5211HP263	2x GX200	2/ P180	263	30'	PJ5T20	PPJF50	PF5	SH5 x 20'	SB5F3	.55	102" x 59" x 38"	10 YPH	327 lbs.	420 lbs.

MODEL 5110DE 5 INCH DIAMOND DREDGE

This powerful and efficient dredge has an extended sluice box for increased recovery of gold and gemstones. Ideal for heavy duty pay streak location before bringing in larger dredges. Equipped with the 3 Stage Extended Sluice Box system for superior fine gold and gemstone recovery with extended flotation and frame to provide additional increased stability. Powered by a 10 horsepower Diesel Engine for greater reliability, super power and low fuel consumption in remote areas. This dredge is designed to be dismantled into small portable components for ease of transportation into remote areas. This model features our new virtually "non-clog" jet system for reduced down-time and greater productivity. Also equipped with our **263** heavy duty air compressor that will accommodate two divers to depths to 30 feet. This dredge has been upgraded with outrigger flotation to accommodate fast and deep water conditions. Also equipped with an new advanced pump priming system. Please contact a sales representative for additional specifications, options and pricing.



Model	Engine	Pump	Compressor	Suction Depth	Hose Length	Power Jet	Jet Flare	Sluice Box Dimensions	Fule Consumption	YPH	Flotation Dimensions	Weight	Ship Weight
5110D	10 hp Yanmar	P350	263	30 Feet	25 Feet	PJ530	PPJF50	20" x 5'	.40	12	29" x 8'	350 lbs.	450 lbs.
5110DE	10 hp Diesel	P350	263	30 Feet	25 Feet	PJ530	PPJF50	20" x 9'	.40	12	59" x 12'	450 lbs	600 lbs.

MINI 6 INCH DREDGES WITH 3 STAGE SLUICE

This line of 6 inch dredges is our personal favorite, for the serious gold prospector and the professional requiring portability and performance. Increased suction power moves a tremendous amount of material. You will be astonished with the amount of fine values that you will recover with the 3 Stage Sluice Box. Quickly determine at a glance, if your gravel contains values on the black rubber matting located at the beginning of the sluice box. Choose from a variety of twin engine assemblies for portability and rugged performance. These dredges are also equipped with a **KAC** or a high output **263** air compressor for additional depth and greater air supply for divers.



Model 6211M263



Model 6113H



P180



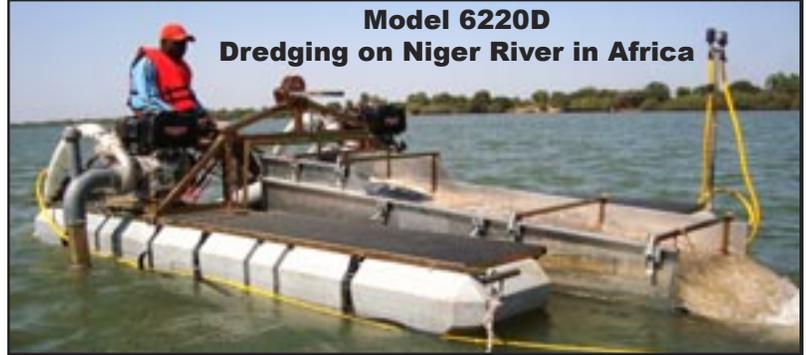
KAC

NEW "MINI" 6 INCH DREDGE WITH NEW PUMP & COMPRESSOR

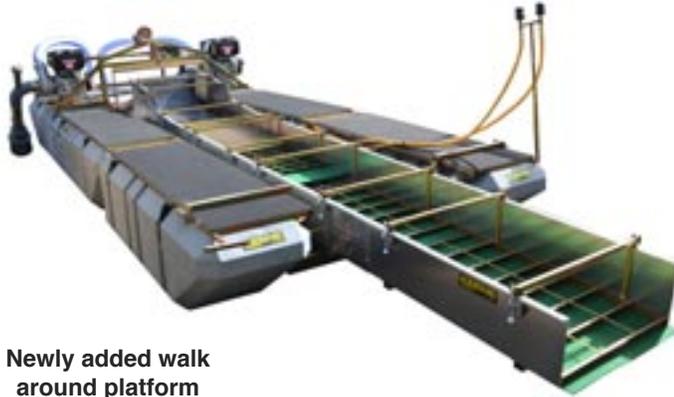
"Model 6113H is a dream to operate." This new 6 inch dredge is powered by a **GX390** Honda Engine. Optional electric starter and a 12 volt pump for automatic priming is available. Our New **HP500** is capable of pumping up to 500 GPM and provides up to 200 feet of head pressure. The new pump design has duel discharge ports capable of running a "blaster nozzle" to blow out bedrock and clean crevices. The new **KAC** Compressor provides an air supply for two divers with ample air to spare. For the serious gold prospector, or even the professional, requiring portability and performance. Increased suction power enables the user to pull rocks from over a foot away and moves a tremendous amount of material.

MODEL	Honda Engine	PUMP	COMPRESSOR	JET SIZE	JET Flare	FLOATS	SUCTION DEPTH	FUEL CONSUMPTION	YPH	HOSE LENGTH	WEIGHT	SHIPPING WEIGHT
6113H	GX390	PHP500	KAC	PJ6T20	PPJF60	PF525	30 Feet	0.75 gph	15 YPH	20 Feet	410 lbs.	500 lbs.
6111M	2x GX200	P180	KAC	PJ6T20	PPJF60	PF525	25 Feet	0.55 gph	14 YPH	20 Feet	380 lbs.	425 lbs.
6211M263	2x GX200	P180	263	PJ6T20	PPJF60	PF525	25 Feet	0.55 gph	14 YPH	20 Feet	390 lbs.	435 lbs.

6 INCH PORTABLE INDUSTRIAL DREDGES (GAS & DIESEL POWERED)



**Model 6220D
Dredging on Niger River in Africa**



Newly added walk around platform



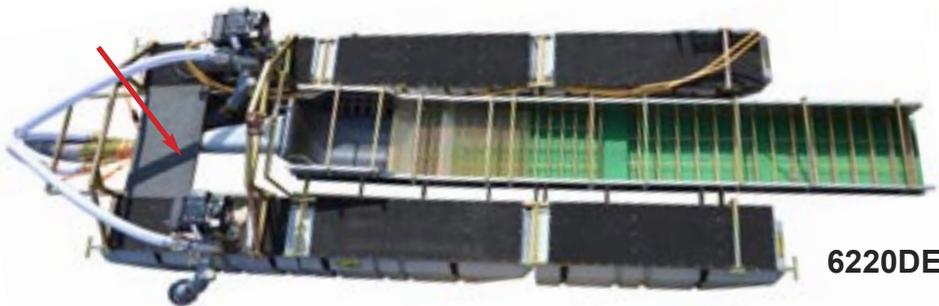
New Suction Breaking Rubber Flap



GX390 Honda Gas



10 hp Yanmar Diesel



6220DE

These new twin engine compact 6 inch heavy duty dredges are "State of the Art" equipment for economy and portability. These dredges can be quickly and easily broken down into small components where two men can transport the dredge manually. They have large carpeted walkways on the decks that can accommodate several divers and provide ease of access around all working parts of the dredge. The sluice box sits at the surface of the water to reduce the water lift and increase suction power.

The smaller Honda gasoline engines are powerful and provide good fuel economy. The models that are equipped with diesel engines provide the ultimate in longevity, reliability and superior fuel economy. Typically diesel engines are a better choice for overseas operations due to safer transportation and lower fuel costs. The larger 23 hp engines offer greater suction depths up to 60 feet.

Both three stage sluices are equipped with a winch leveling system for precise tilt and sluice box adjustment. The first section of our 3-stage sluice box is designed to recover fine gold and the second half is dedicated for the ultimate recovery of gold and gemstones.

All dredges are equipped with a 263 compressor for an ample air supply for two divers. The suction system is equipped with an oversized power jet and twin eductor systems to reduce the occurrence of rock jams. Mounted on modular crosslink flotation modules measuring 62" x 21" x 21". All 6 inch sluice box dimensions are 26 inches wide and up to 16 feet in length. All frames have been reinforced for a more stable working platform.

MODEL	ENGINE	PUMP	AIR COM-PRESSOR	FLOAT DIMENSIONS	Power-Jet	Jet Flare	SUCTION DEPTH	FUEL	YPH	SLUICE BOX	HOSE LENGTH	WEIGHT	SHIP WT.
6226H	Honda GX390	P350	263	8' x12'	PJ6T30	PPJF60	35 feet	.55 gph	16	8'x26"	30 feet	1095	1345
6246V	Vanguard 23 hp	P350S	263	8' x12'	PJ6T30	PPJF60	50 feet	.75 gph	18	8'x26"	30 feet	1173	1423
6220D	Yanmar 10 hp	P350	263	8' x12'	PJ6T30	PPJF60	30 feet	.35 gph	16	8'x26"	30 feet	1113	1363
6220DE	Yanmar 10 hp	P350	263	8' x17'	PJ6T30	PPJF60	30 feet	.35 gph	16	16'x26"	30 feet	1489	1739

THE NEW "SUPER MAX" SUMP TRIPLE SLUICE DREDGE

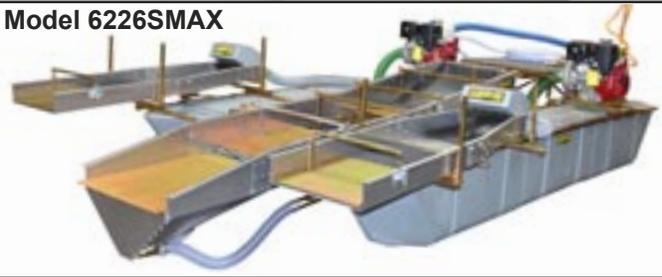
Dredging in New Zealand



Model 6226M



Model 6226SMAX



Fine gold from side sluice



6226SMAXDIA New for 2021



This is our latest gold and diamond dredge. The floatation has been extended 4 feet longer for a total of 18 feet. The sluice box is set up with a 4 foot diamond sluice box extension. The gemstone recovery system works very well due to dropping out the 1/8th and minus material through the sump. This low sand environment allows the riffle to work more efficiently on the gemstones and diamonds.

Over the last 70 years plus, the Keene family has been the leader in the world of portable dredging. The first sump system and triple sluice dredge was developed on a 8" submersible dredge constructed by Ernie Keene in the early 1950's. In the later 1970's we came out with the world famous keene triple sluice. In the late 80's we introduced the three stage sluice system, as well as many other innovations and firsts. In 2016, we have developed the "Super Max Sump Dredge". This out performs all other dredges in the world for micro fine gold recovery. The entire dredge was built with "state of the art technology" to include new floats, frame, pumps, power jets and more. The sluice box is oversized to control the material and allow the fine material as it is classified into a slower velocity zone.

The best method for collecting the super fine gold requires several things, 1/8th inch and minus classification, The material needs to be spread out over a long wide sluice. The water speed under 4 feet per second. The sluice box needs to be set up with a variety of different riffles to accommodate a variety of conditions such as water flows, varying percentages of solids, different size and shape gold and black sand content.

We have also found that the use of coarse woven wire creates much more drag on the material and really helps slow the material down and drops the heavies out of suspension far better than the old punch plate system. The large 8 foot long by 24 inch wide sluice box captures 98% of the heavy material and disseminates the clays and conglomerate material. The oversized box provides a smooth slow slurry as it is classified into the sump located at the end of the main sluice.

The sump was engineered by computer aided design optimizing seamless flow of fine material being drawn into the sump and pumped into the side boxes. One of the main keys to making the sump work correctly is to use the custom made heavy woven wire to create the proper drag on the finer material and allowing the coarser non value material to pass over the sump.

The sump creates a slight vacuum on the screen that pulls 100% of all the finer values into the sump, then pumped into the side boxes. by pumping the minus 1/8th material into a controlled flow environment, all the super fine gold up to 500 mesh can be recovered from the side sluice boxes. The side sluice boxes are constructed with a 10" wide header box that flares up 17 inches wide and is 5 feet in length. The sluice is lined with our world famous "Miracle Mat", ribbed capets and expanded metal.

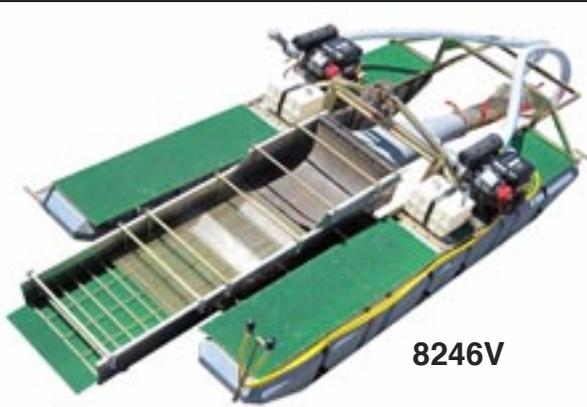
The new float and frame assembly are newly designed. The frame is precision made on a C&C Mill and water jet machine. Constructed out of a lightweight tubular steel for superior strength. The floats are by far the most advanced floats in the industry providing a tapered long nose with cupped runners allowing the dredge to cut through fast water effortlessly. The floats are constructed of cross link polyethylene material with brass inserts casted into the top of the floats to secure the frame. The universal frame sections makes this dredge easy to set up and disassemble. To assemble the dredge frame, you will need only a 9/16th wrench and socket.

The standard model is powered by two GX390 Honda engines with our new PHP500 pumps that provides superior performance at depths to 35 feet. The pumps are equipped with a 1 inch accessory port that drives a pair of 2.5 inch suction systems with ball valves that are equipped to meter the flow to the side sluices. The side sluice boxes can also be used as a primary clean up concentrator. Traditionally you would have to take several buckets of concentrates and process the material taking hours depending on the concentrating equipment available. With the super max, cleaning the concentrates is a breeze. Simply take the concentrates from the main sluice and run them through the side boxes. The side boxes should not produce no more than a few cups full of concentrates. At the end of the day you may only have a small amount of concentrate reducing the need for secondary clean up equipment.

(See videos in action in YouTube) Other engine options available.

MODEL	ENGINE	PUMP	COMP.	FLOAT	DEPTH	FUEL	YPH	SLUICE BX	HOSE	Jet	Jet Flare	WT.	SHIP WT.
6226SMAXDIA	GX390 Honda	PHP500	263	74"x207"	35'	3/4 gph	16	24"x 14'	25'-SH6	PJ6T250	PPJF60	1400	1500
6226M	GX390 Honda	PHP500	263	74"x159"	35'	3/4 gph	16	24"x 8'	25'-SH6	PJ6T250	PPJF60	1015	1065
6226SM	GX390 Honda	PHP500	263	74"x159"	35'	3/4 gph	16	24"x10'	25'-SH6	PJ6T250	PPJF60	1157	1207
6220SDM	10 hp Diesel	PHP500	263	74"x159"	35'	.50 gph	15	24"x10'	25'-SH6	PJ6T250	PPJF60	1245	1307
SM24K	Conversion Kit											122	142

MODEL 8246V & 8246VE 8" DIAMOND & GOLD DREDGE (Gas powered)



8246V



8246VE Extended with Floats and Sluce Box

Both dredges are powered by twin engines to increase portability. The **8246V** and **8246VE** are mounted on flotation modules with large carpeted decks. The **8246VE** sluce box has been extended to 16 feet in length. The first section is our 3-stage sluce box for fine & coarse gold and the second half is dedicated for the efficient recovery of gemstones. Both dredges are powered by twin 23 hp electric start Vanguard commercial gasoline engines, for long life, reliability and economy. Includes separate 5 gallon gas tanks that mount on the float for ease of refueling and extended running time. The suction system has an oversized power jet and twin eductors for maximum suction power and reduce the occurrence of rock jams. Both dredges are equipped with a **263** compressor for an ample air supply to accommodate two divers. These models are designed for ease of assembly and operation in the most severe field conditions.

MODEL	ENGINE	PUMP	Jet	Jet Flare	AIR COMP	FLOAT DIMEN	SUCTION DEPTH	FUEL	YPH	SLUCE BOX	HOSE	WT.	SHIP WT.
8246V	Vanguard 23 hp	P350S	PJ84	PPJF8	263	8' x 12'	35'	.75 gph	25 YPH	8'x 28"	40'-SH8	1500	1800
8246VE	Vanguard 23 hp	P350S	PJ84	PPJF8	263	8' x 12'	35'	.75 gph	25 YPH	16'x 28"	40'-SH8	1900	2300

MODEL 8150DE 8 INCH INDUSTRIAL DIESEL GOLD AND GEM DREDGE

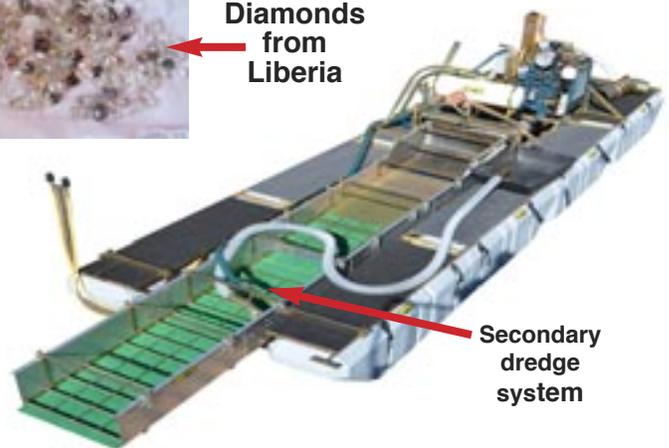
This is our latest portable 8-inch industrial dredge that is designed for the recovery of both gold and gems. Powered by a diesel engine that provides extreme high performance, reliability and economy with a separately mounted 10 gallon fuel tank. The diesel engine drives our reliable **P1500** pump that produces 1500 gallons per minute providing ample suction for depths to 45 feet. This engine and pump combination provides extremely low fuel consumption. It is also the world's lightest, quietest and most compact industrial diesel powered dredge.

The sluce box contains our world famous 3-stage sluce recovery design. The first eight-foot portion of the recovery box is designed to capture all the fine & coarse gold. The last 8 feet is primarily for diamond and gem recovery. This dredge can be disassembled into small lightweight components for transporting and can be easily carried in the back of a truck and a medium size trailer.

This power package combination weighs only 500 lbs., which is several hundred pounds lighter than other diesel engines that power our larger 8" dredges. The dredge deck is 24 feet in length and also provides a spacious deck in front of the engine 8 feet wide by 6 feet long. This dredge is equipped with a secondary dredge system that can vacuum the concentrates from the sluce box while the dredge is in operation. The concentrates can then be transported to shore and processed through other separation methods. The ability to clear the sluce box and operate continuously greatly enhances both recovery and productivity and provides non stop operation.



Diamonds from Liberia



Secondary dredge system



Dredging for diamonds in Liberia

Model	Engine	Pump	Air Comp	Power-Jet	Jet Flare	Suction Depth	Sluce Box Dimensions	YPH	FLOAT DIMEN	FUEL	HOSE	WT.	SHIP WT.
8150DE	50 hp diesel	P1500	263	PJ84	PPJF8	45 Feet	28" x 16'	28 YPH	8' x 24'	2.5 gph	40' SH8	2600 lbs	3500 lbs.

AIR SUPPLY EQUIPMENT, PARTS & ACCESSORIES

ALL AIR SYSTEMS REQUIRE A CLASS D AIR FILTER SEE PAGE 34 FOR FILTER INFORMATION AIR TANKS, HOSES, REGULATORS & HARNESS KITS

These kits include a regulator, reserve tank, air hose, harness, quick release connectors and all fittings to adapt to your selection. Low Pressure Kits include a RT1 Reserve Tank for T80 & KAC Compressors and High Pressure Kits are designed to be used with 263 Compressors. Air reserve tanks are essential for safety as well as a continuously smooth air supply during heavy physical exertion.

Low Pressure Kits

Kits include a RT1 Reserve Tank.



Model	Hose Assy	Reg	Harness	Ship. wt.
LP120	1x20 Feet	1	1	17 lbs.
LP130	1x30 Feet	1	1	18 lbs.
LP140	1x40 Feet	1	1	19 lbs.
LP150	1x50 Feet	1	1	20 lbs.
LP1100	1x100 Feet	1	1	31 lbs.
LP220	2x20 Feet	2	2	31 lbs.
LP230	2x30 Feet	2	2	31 lbs.
LP250	2x50 Feet	2	2	31 lbs.

High Pressure Kits

Kits include a RT4 Reserve Tank.



Model	Hose Assy	Reg	Harness	Ship. wt.
HP4120	1x20 Feet	1	1	46 lbs.
HP4130	1x30 Feet	1	1	46 lbs.
HP4140	1x40 Feet	1	1	19 lbs.
HP4150	1x50 Feet	1	1	46 lbs.
HP41100	1x100 Feet	1	1	46 lbs.
HP4220	2x20 Feet	2	2	46 lbs.
HP4230	2x30 Feet	2	2	46 lbs.
HP4250	2x50 Feet	2	2	46 lbs.
HP42100	2x100 Feet	2	2	50 lbs.

9 Gallon High Pressure Kits

Kits include a RT9 Reserve Tank



Model	Hose Assy.	Reg	Harness	Ship. Wt.
HP9220	2x20 Feet	2	2	35 lbs.
HP9230	2x30 Feet	2	2	38 lbs.
HP9240	2x40 Feet	2	2	40 lbs.
HP9250	2x50 Feet	2	2	45 lbs.
HP92100	2x100 Feet	2	2	58 lbs.
HP92300	2x300 Feet	2	2	115 lbs.

Low Pressure Reserve Tank - RT1



The RT1 is a three gallon Marlex polymer plastic reserve tank that can accommodate two divers. Resists corrosion and rust beautifully, includes two 1/4" ports and has a working pressure of 60 PSI. Dimensions are 20" Long x 7.5" Diameter. Weight 5 lbs. Shipping Weight 9 lbs.

4 Gallon High Pressure Reserve Tank - RT4



This stainless steel reserve tank is capable of accommodating either one or two divers. Equipped with two 1/4" ports and has a working pressure of 125 PSI. Dimensions: 21" Long x 13" Diameter Weight 7 lbs. Shipping Weight. 10 lbs.

Dividing Air Hose

Professional Diving hose that is kink resistant, heavy duty, colored optic yellow for high visibility and floats on surface of water to reduce tangles. Comes coupled with 1/4" female on both ends. The maximum working pressure of 250 PSI with a burst pressure of 1000 PSI. Fully compliant with federal regulations for breathing standards.



Bare 9 Gallon High Pressure Reserve Tank - RT9



High quality, all stainless steel 9 gallon reserve tank. Working pressure of 125 PSI. Dimensions: 21" Long x 15" Diameter x 19" Tall. Weight 12 lbs. Shipping Weight 30 lbs.

Deluxe 9 Gallon High Pressure Reserve Tank - RT9S



All stainless steel reserve tank is our same high quality RT9 tank but the RT9S comes equipped with pin lock Hanson fittings to accommodate 2 divers and steam hose. Working pressure of 125 PSI. Dimensions: 21" Long x 15" Diameter x 19" Tall. Weight 14 lbs. Shipping Weight 35 lbs.

Part #	Length	Weight	Shipping weight
AH20	20 Ft.	3 lbs.	5 lbs
AH30	30 Ft.	3.5 lbs.	6 lbs
AH40	40Ft.	4 lbs.	7 lbs.
AH50	50 Ft.	5 lbs.	8 lbs.
AH100	100 Ft.	14 lbs.	18 lbs.
AH300	300 Ft	43 lbs.	50 lbs.

HC1ST Steam Hose Connector



This is a flexible hose used for all high pressure compressors that produce higher temperatures and is used to connect the compressors to the air reserve tank. This hose connector is equipped with 1/4" male and female fittings. 30 inches long. **For use with model 263 & KAC1 air compressors only.** Shipping Weight 2 lbs.



T-80 Only Air Hose Connector
This flexible hose connector is for our RT1 reserve tank and connects to low pressure air compressors. Equipped with 1/4" male and female fittings available in 12 & 30 inches in length. **For use with model T80 air compressors only.**
HC112 Connector 12 inches long
HC1 Connector 30 inches long
Shipping Weight 2 lbs.

Super Sea Drops - MC1

This indispensable solution is an anti-fog and lens cleaner for diving masks, sport goggles and optical lenses. Just one application lasts all day long!
Shipping Weight 1 lb.



EAR DRY - SE1

Ear Dry dries out moisture and has an antiseptic formula to prevent growth of organisms that cause infection. A guaranteed preventative against outer ear infections.
Shipping Weight 1 lb.



Aquaseal - C2

A heavy duty urethane rubber compound gives a flexible, waterproof patch to wet suits, suction hoses and almost any type of rubber or plastic!
Shipping Weight 2 lbs.



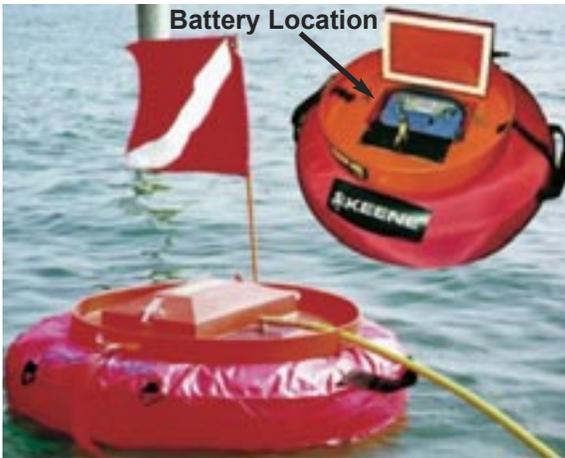
Wet Suit Patching Glue - C1

Keene's very own C1 patching glue is ideal for quick repairs on wet suits. This 4 ounce can of neoprene glue comes with applicator brush.
Shipping Weight 2 lbs.



HYDROAIR BATTERY POWERED DIVING SYSTEM - HAS

Perfect for Sport Diving, Treasure Hunting and More! Patent Number 5924416



The Tote Float

This floating wonder securely holds your small compressor system and floats it where you need it. A stable, low center of gravity flotation is facilitated by the molded Marlex shell frame. The Tote Float utilizes a truck tube for its flotation and can support up to 100 pounds! The shell provides a rigid form for the inner tube and is anchored by 4 snap lanyards. Our standard compressor base plates easily fit onto the 4 shock mounted bolts. Truly a must-have for any diver.

HydroAir incorporates a lightweight and efficient 12-volt powered air supply diving system. The HydroAir utilizes a group 24 RV marine battery or other similar battery configuration. Equipped with a dual air compressor system that maximizes battery life by working only on demand by use of pressure switches. The compressors are mounted under water for cooling and providing minimum power draw and optimum air output. This sealed environment of the HydroAir system provides a long lasting and dependable life. HydroAir requires virtually no maintenance and is quick, easy and fun to use. The HydroAir is constructed of a heavy duty Marlex plastic and is a safety orange in color. Due to the low center of gravity, the HydroAir is extremely stable even in rough water conditions. Equipped with flotation, a vinyl float cover, stainless steel hardware, diving flag, straps and built in handles.

Specifications:

- Body Dimensions - 23" x 18"
- Flotation Dimensions - 13" x 32"
- Running Time - 2 to 4 hours depending on consumer requirements.
- One Diver can achieve 75 feet in depth.
- Two Divers can achieve 25 feet in depth
- Net weight 29 pounds. Shipping weight 70 pounds



Model TF3

Complete Tote Float with 1100 x 20 inner tube. Supports up to 100 lbs. Shipping wt. 40 lbs.

Model TF1

Tote Float frame with rubber lanyards only, no inner tube. Shipping wt. 35 lbs.

AIR ACCESSORIES, FITTINGS AND PARTS

	CDAF1 Class D 5 micron filter for T80		263AF Air Filter Assembly for 263 Air Compressor
	CDAF2 Class D air Filters 5 micron for 263 Air Compressor Ship weight 1 lb.		263AFE Extra Filter Element for 263 Air Comp Shipping Weight 1 lb.
	A1 - 1/4" Adjustable Pressure Relief Valve Shipping Weight: 1lb. Comes with 4 different springs for different pressure ranges.		A5I - 1/4 inch on-off brass ball valve. Shipping weight 1lb.
	A1B - 1/4 Pressure Relief Valve pre set to 55 Psi. for T-80 and KAC compressors. Ship weight 1lb.		A5J - 1/4 inch pipe thread valve stem. Shipping weight 1lb.
	A2 - Stainless steel and brass 1/4" check valve. Shipping weight 1lb.		A5K - 1/4" to 1/2" bushing adapter used for Reserve Tank RT4. Each tank requires 2 bushings. Shipping weight 1lb.
	A2B - This 1/4 inch unloader check valve is recommended for use with the 263 compressor. Shipping weight 1lb.		A5L - 3/4" to 1/4" bushing used for Reserve Tank RT9, RT9S and RT25. Each tank requires 2 bushings. Shipping wt. 1lb.
	A3 - Air filler valve used for filling inflatable tubes. 1/4" female thread. Shipping weight 1lb.		A6 - 1/4" x 1/8" regulator to air hose connector. Shipping weight 1lb.
	A4 - 1/4 inch air or water pressure gauge has a two inch dial that reads from 0 to 160 PSI. Shipping weight 1lb.		A6A - 1/4 inch air hose regulator adapter used for the H2 harness. Shipping weight 1lb.
	A5A - 1/4" Air hose connector fits standard air hose 1/4" x 1/4" male. Shipping weight 1lb.		A8 - 1/4 inch male thread included in this quick release coupling set. Both Socket and Plug Shipping weight 1lb.
	A5B - 1/4" x 1/4" male air hose to pipe connector. Shipping weight 1lb.		A8H - 1/4 Inch quick release female Hansen fitting with safety lock. Socket. Shipping weight 1lb.
	A5C - 1/4 inch male pipe to pipe connector. Shipping weight 1lb.		A8HF - 1/4 inch male receptacle for A8H female Hansen fittings. Plug. Shipping weight 1lb
	A5D - 1/4 inch female pipe to pipe connector. Shipping weight 1lb.		A8HM - 1/4 inch male receptacle for A8H Hansen fittings. Plug. Shipping weight 1lb.
	A5E - 1/4 inch male x female street elbow. Shipping weight 1lb.		A8HSSF -1/4 inch stainless steel non locking Hansen coupling used for salt water conditions. Ship weight 1lb.
	A5F - 1/4 inch female tee fitting. Shipping weight 1lb.		A8HSSM -1/4 inch stainless steel non locking Hansen male plug used for salt water conditions. Shipping weight 1lb.
	A5G - 1/4 inch female cross fitting. Shipping weight 1lb.		A9 - SCUBA tank adapter conforms 2nd stage valve to standard 1/4" air hose. Shipping weight 1lb.
	A5H - 1/4 inch brass tank drain valve to be used on all our tanks excluding the RT1. Shipping weight 1lb.		

AIR COMPRESSORS & ENGINE COMBINATIONS

Heavy Duty Air Compressor - 263

This is one heavy duty, teflon piston compressor with pressure relief valve. This compressor is recommended for deep diving, dredging, urchin and cucumber diving, hull cleaning, boat and dock maintenance, crustacean harvesting and spear fishing! Comes complete with pulley.



Model 263 Compressor

KAC Air Compressor

At last, a small economical two diver air compressor without the extra weight, bulk and cost of the Model 263 air compressor. This lightweight aluminum compressor revolutionizes the compressor market. Can be mounted in any position. Equipped with two 1/4" discharge pressure ports and a half inch large NPT threaded intake port for mounting a variety of air snorkels and a 5/8ths key way shaft. (includes adjustable pressure relief valve).



Model KAC Compressor

SAFETY AIR SNORKELS



Safety snorkels help prevent carbon monoxide inhalation by keeping the air intake away from the engine's exhaust. Each snorkel is made specifically for an individual compressor. Each unit is ready to install and comes with fittings and installation brackets. Air filters must be purchased separately. See page 32 for 263AF filter for KAS2. Only the KAS3 model comes with air filter included.

KACGHM



KACGH



263GH



Compressor	Model	Weight	Ship wt
KAC	KAS3	1 lb.	4 lbs.
T80	KAS1	1 lb.	4 lbs.
263	KAS2	2 lbs.	6 lbs.

PART	Compressor	CFM	CFM@30	Max PSI	Motor	Weight	Ship Wt
KAC	KAC	4	3	55	---	7 lbs	10 lbs
263	263	6	5	100	---	19 lbs	25 lbs
KACGH	KAC	4	3	55	GX120	39 lbs	49 lbs
KACGHM	KAC	4	3	55	GX50	27 lbs	35 lbs
263GH	263	6	5	100	GX120	63 lbs	70 lbs

CENTRIFUGAL JETTING PUMPS IN KEY WAY SHAFT / TREADED

Keene Engineering is a world leader in high performance centrifugal pumps. We manufacture all our pumps in house and we constantly make improvements in performance and reliability. Keene pumps provide the perfect balance of both High pressure and High volume. Keene pumps make higher pressures required for jetting and creating a strong vacuume needed for a dredges or applications where absolute performance is needed.

These pumps are also used for reclamation, fire-fighting. Trash and simi trash pumps simply dont create pressure and high lift. Our direct mount pumps can be easily bolted onto a variety of engines with both, "Threaded shafts and Key way shafts." Nothing beats a direct mount it is lighter more reliable nothing to align and we even provide a opening behind the pump to drive a air compressor or separate drive. Our pumps are easy to repair and fully rebuildable. Shaft specification sheets available via e-mail.



FREE STANDING CENTRIFUGAL PUMPS

Keene Engineering free standing pumps are designed for any engine application. These heavy duty pumps can be direct belt driven. They are made of light weight aluminim and are precision machined for dependability and maximum performance in the field. When ordering a free standing pump, horse power must be specified to obtain proper impeller size.

PHP165



P195



PHP505



P355



P355S



P1500



Model Number	Recommended Engine Size	Gallons Per Minute	Maximum Head Lift	Shaft Size	Intake & Discharge	Weight	Shipping Weight
PHP165	3-5	200 Gallons	200 Feet	5/8 Inch	2" x 1.5" Threaded	9 lbs,	14 lbs.
P195	5-7	310 Gallons	180 Feet	5/8 Inch	2.5" x 2" Threaded	10 lbs.	15 lbs.
PHP505	9-20	425 Gallons	200 Feet	3/4 Inch	3" x 2.5" Threaded	20 lbs.	26 lbs.
P355	9-13	450 Gallons	150 Feet	3/4 Inch	4" x 3" Threaded	18 lbs.	23 lbs.
P355S	16-25	600 Gallons	185 Feet	3/4 Inch	4" x 3" Threaded	18 lbs.	24 lbs.
P1500	40-60	1500 Gallons	220 Feet	1.25 Inch	5" x 4" Threaded	39 lbs.	45 lbs.

DIVING APPAREL & ACCESSORIES

Professional Mask - M5

If you want greater visibility as well as comfort and safety, then this is your mask. This mask actually increases your peripheral vision, allowing you to keep a close eye on your surroundings. Clearing your mask is much easier with the featured purge valve system. Soft, clear silicone rubber gives you more comfort and a better fit. Shipping weight 2 lbs.



FM3-Full Face Mask

This full face mask features improved silicone construction for longer life and comfort.

Accommodates a standard regulator which inserts into mask for unrestricted, normal breathing and comfort in cold water. Shipping weight 3 lbs.



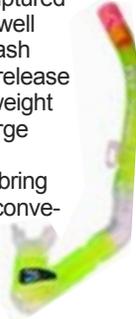
Air Regulator - R1

This low pressure hookah diving regulator is designed for easier breathing at lower working pressure for smaller, low pressure air compressors. For use with Hookah style diving equipment only. Not compatible with Scuba gear. Shipping weight 2 lbs.

Snorkel - SN1

Carefully sculptured mouthpiece, well designed splash guard, quick release holder, light weight tubing and large purge are all features that bring comfort and convenience to diver

Shipping weight 2 lbs



Harness - H1



safety as it prevents pull on the regulator and keeps the air line out of the diver's way. Shipping weight 3 lbs.

This harness consists of an adapter for air line and a quick release buckle. This harness is a must for

Weight Belt WB2



This belt is constructed of 2 inch wide nylon webbing in an extra long length of 60 inches for heavier weights used in gold diving. The belt is equipped with a quick release buckle for safety and ease of fastening. Shipping weight 2 lbs.

Large Weight Mold - WM15



Mold your own contoured diving weight with this mold. You can melt your own lead for cost effective savings and produce up to a 15 pound weight with this mold. Ship wt 5 lbs.

Small Weight Mold - WM5



Mold your own, up to 5 pounds worth, with this nifty little weight mold! What could be more cost effective? Molding with lead can lend up to a 5 pound weight per mold. Shipping weight 3 lbs.

FM5SPECT FULL FACE MASK ACCESSORIES NOT INCLUDED

FM5SPECT



One of the best face masks available today. Designed to accommodate a variety of low-pressure hookah regulators. (Regulator not included) The double seal construction and five point head harness makes this one of the most comfortable masks on the market and fits a variety of faces. The heavy-duty tempered glass visor allows for unsurpassed visibility while diving. This cold-water unit can handle depths of up to 160 feet with ease Includes communication ports for both wireless and hardline systems. Shipping weight 4 lbs.

COM100R

Communication line, 2 colors, 100 feet. Shipping weight 15 lbs.



COMEM - Ear & Microphone Assembly

Hardline Communication Head Set and Microphone. Shipping weight 10 lbs.

FM5SPECT FULL FACE MASK ACCESSORIES

GO PRO Mount



COMGP

Flash Light Mount



COMFLB

Ambient Breathing Valve



COMABV

Ear/Mic Assemblies



COMEM

COMMK7 Buddy-Line®

Hard line Underwater Communication System. The MK-7 Buddy Line is a compact, self-contained one or two-diver air intercom. It will allow clear communications. Includes the deluxe headset (with boom mic). The MK-7 Buddy Line was specifically designed for commercial diver to have an underwater communication device that needs little set-up time. Shipping weight 10 lbs.

COMM2DC1 - Aquacom Diver Air Intercom

A compact, self-contained two or one diver air intercom. It will provide for one or two divers, using a Full-Face Mask and Ear Microphone Assembly, with clear communications either in the 2- or 4-wire mode. However, up to 6 divers can be stacked and all be on line together (4-wire mode). The 20 watts of power ensures clean, crisp communications over long lengths of communications rope. State-of-the-art circuitry allows intelligibility that is second to none. Our unique battery protection microprocessor will protect your batteries from being damaged due to extreme low voltage conditions. Weight 15 lbs. Shipping weight 25 lbs.



DIVING APPAREL & ACCESSORIES

Professional Dive Suit - DV4

Revolutionary Hydrophobic lining



Henderson's 7mm Aqua Lock® wet-suit

The completely redesigned Henderson Aqua Lock® wetsuit series is a feature rich wetsuit line designed for divers who demand the very best equipment. Aqua Lock® remains Henderson's most advanced wetsuit. The New Aqua Lock line features: enhanced stretch, revolutionary Quik Dry™ interior and locking zipperless wrist and ankle closures. The most significant change to the Aqua Lock® lineup is the addition of Henderson's new Quik Dry™ interior lining. This revolutionary hydrophobic lining will significantly accelerate the speed at which Aqua Lock® wetsuits will dry, allowing all Aqua Lock® wetsuits and accessories to dry in just minutes, not hours. Imagine never needing to put on a cold, damp wetsuit, prior to your second dive.

The Quik Dry™ interior is super soft and adds a luxurious feel to the interior of the wetsuit. Additionally the Quik Dry™ interior will limit water entry and water movement throughout the wetsuit, keeping you warmer longer. Bottom line is that this suit is simply a Superior suit that any diver or dredger will treasure.

7mm jumpsuit Features:

- Liquid Taped Aqua Lock® Seams
- Double Glued & Blind Stitched
- Zipperless Cuffs & Ankles
- Quick Dry Lining • Aquasilk® Exterior Laminate
- PK® G-Lock Water-Resistant Zipper
- Duratex Knee Pads
- Adjustable Collar

Shipping Weight 8.5 lbs.



DV3 - 5mm Commercial Dive Suit Henderson Farmer John Wet Suit

This high quality, two piece "Farmer John" step through style wet suit is a rugged suit that has proven over the years to be a workhorse for the gold dredger. It is constructed of super flex neoprene rubber with built-in knee pads, heavy duty exterior nylon lining and a lush interior lining for maximum comfort and mobility. Featuring reinforced stitching, a high collar, an extra heavy duty zipper, contoured arms and legs for added ease in movement as well as rolled cuffs. This suit has proven to be extremely durable for both recreational and commercial divers.

Shipping weight. 8.5 lbs.



DVHS - Hot Skins Henderson



"Hot Skins" are very highly recommended and are the ideal undergarment to give you better insulation as well as keeping you warm while diving. These Skins have a durable overlock stitching that is used on the full-body jumpsuits. Also makes getting in and out of wet suits a breeze! Made from heavy weight, four-way stretch material that looks as good as it performs. An absolute must for the gold diver! Shipping wgt 8.5 lbs.

Size Chart for Diving Suits

	SM	MED	M/L	LGE	L/L	XL	XLL	XXL	XXXL
CHEST	35-37	37-38	38-40	39-41	39-41	41-43	41-43	45-47	45-47
WAIST	29-31	31-33	32-34	33-35	33-35	35-37	35-37	37-39	39-41
HIPS	34-36	36-38		38-40	38-40	40-42	40-42	42-44	44-46
WEIGHT	140 lbs	155 lbs	160 lbs	170 lbs	180 lbs	185 lbs	190 lbs	200 lbs	220 lbs
HEIGHT	5'8"	5'10"	5'11"	6'	6'3"	6'1"	6'4"	6'2"	6'2"
INSEAM	27"	28"	28.5"	29"	31"	30"	32"	31"	31"
TORSO	27"	28"	28.5"	29"	31"	30"	32"	31"	31"

AquaLock Diving Hood 7mm - DH2



Innovative Quick Dry Lining. This is the ultimate hood for dredging. Providing superior warmth and comfort with an ample 7mm thickness. Sizes: S, M, L and XL. Shipping weight 1 lb.

Cold Water Diving Hood - DH1



This diving hood is constructed of 1/4" super-stretch neoprene and has a plush, comfortable interior lining and nylon exterior. Provides for excellent warmth and comfort. Sizes: S, M, L and XL. Shipping weight 1 lb.

Hard Sole Diver's Boots - BT3



This neoprene Diver's Boot is extremely comfortable, warm and durable. The vulcanized sole has been extended to the top of the boot as well for additional durability against wear and tear while dredging. Available in sizes: 8, 9, 10, 11, 12, 13. Shipping weight 3 lbs.

Industrial Adhesive E-6000



An Industrial adhesive that is tough, flexible and a highly versatile urethane rubber - based compound that exhibits exceptional adhesive and sealant qualities. Ideal for suction hose & wet suit repair. Shipping weight. 1lb.

Under Water Work Gloves - G3



These new gloves feature textured vinyl coating that is ideal for gripping rocks and working underwater while providing flexibility and snag resistance! one size fits most. Shipping weight 1 lb.

Heavy Duty Knee Pads - A461



New Industrial heavy duty knee pads feature a single adjustable velcro and neoprene strap. Extremely comfortable with molded rubber cap affording both shin and knee protection.

Extend the life of your dive suit. Shipping weight 3 lbs.

3 MM Kevlar Neoprene Gloves - G4K3

This glove is the answer for warmth in cold water conditions with its 3 millimeters thickness. Kevlar on the palms, fingers and backs of fingertips provide for superior abrasion resistance and longer wear. Shipping weight 1 lb.



5 MM Kevlar Neoprene Gloves - G4K5

With a 5 millimeters thickness, these gloves are ideal for extreme cold water conditions. Superior abrasion resistance is provided with Kevlar palms, fingers and back of fingertips making these gloves the perfect choice for use while dredging. Shipping weight 1 lb.

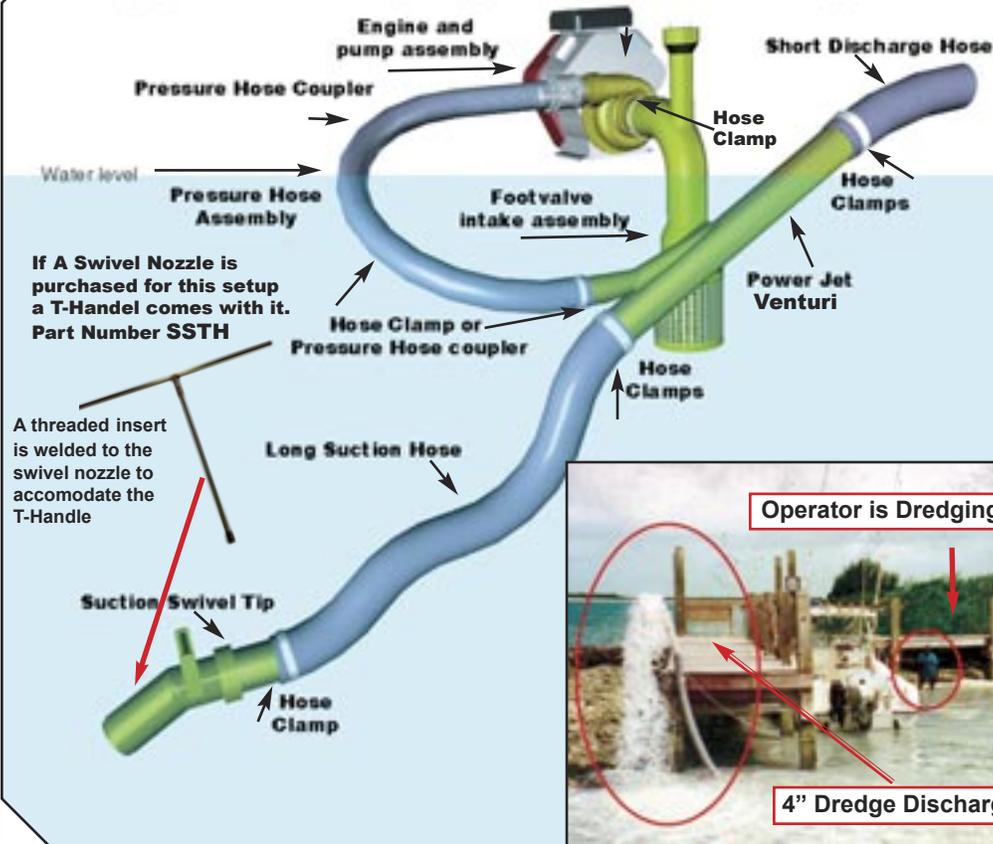


HIGH LIFT PORTABLE VENTURI DREDGE SYSTEMS

Reclamation - Pollution Control - Sand & Silt Removal Marine Plant Life, Fish & Clam Harvesting

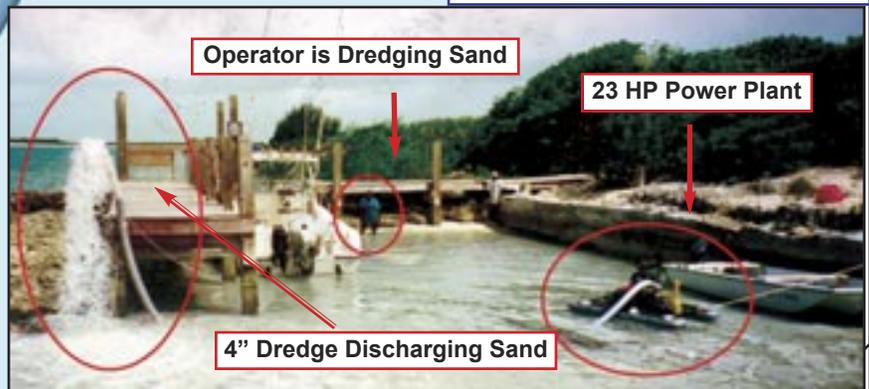
Portable and cost effective venturi operated dredge systems can transport slurries of rock, sand and gravel up to 150 feet away at water level. Sizes range from 2 inch to 8 inches in diameter. High lift Systems are relatively low cost and utilize venturi suction components which can eliminate the need for costly gravel pumps. Our friendly engineering staff will be pleased to assist you with any of your custom requirements.

Typical Dredging Reclamation System



A Typical Dredging System

Water is drawn through the foot valve intake assembly into the pump. High pressure water is pumped into power jet through a high pressure hose. This process creates a powerful suction. Solid material is dredged into the suction swivel tip attached to the suction hose and is discharged at the end of the short discharge hose. A very effective, economical and practical dredging system for limited distances.



High Lift Dredge System

Shown above is a "High Lift Dredge System" powered by 23 hp engine. In most cases it is more effective to operate the dredge with a diver and a hookah system (surface supplied air). A diver can move approximately 3 times more material than an operator moving the suction tip with a pole or handle.

CUSTOM GRAVEL DREDGES

<p>Honda GX270 driving a PHP500, mounted on dock</p>	<p>Dredging under and around docks clearing space for boats</p>	<p>Showing sand being discharged about 50 feet away</p>
	<p>Dredging with a T-Handle attached to the swivel nozzle Part Number SSTH Weight 5 lbs. Shipping Weight. 15 lbs.</p>	<p>Pumping about 6 yards per hour of sand.</p>

High Production Gravel pumps for pumping heavy slurries for long distances.

Lift material up to 100 feet in the air. Pump gravel 1500 feet away.

We offer a very heavy duty gravel pump system available in both 4 inch and 6 inch. Capable of reaching depths and heights of 100 feet, a capacity up to 50 cubic yards per hour and as far as 1500 feet away! These unique pumps are capable of passing large spheres up to 3.75 inches on the 4 inch pump and up to 5.75 inches on the 6 inch pump. Powered by variety of diesel engines with clutch to drive the gravel pump. Constructed out of a Nimrah steel providing extreme long life and very reliable.

The optional large decks are ideal for a dive platform and provides ample space for servicing equipment. This dredge is commonly used in the fields of Africa for diamond and gold recovery operations, pumping material from the depths of rivers or pits on to the shore or upper banks, where processing equipment and containment areas are based. Commonly used for diver operated reclamation projects that are too small to be cost effective for the larger cutter head dredge operations. Call us for free consultation to figure out what works best for your application.



4" Gravel pumping system improving fish habitat



4" gravel pump skid mounted.



Rebuilding beaches that have been wiped out from storms



6" Gravel pump system with a modern Tier 4 diesel engine

Another huge advantage when using a gravel pumps is you have the capability to pump over 30% solids. This is ideal when pumping into GEO bags and containment areas. Basically more material and less water.



4" gravel pump system that pumps out golf course ponds

WEED HARVESTING DASH BOAT



Milfoil Dredge D.A.S.H.

Aquatic Species Control. Suction Harvesting or **D.A.S.H.**, (Diver Assisted Suction Harvester) Remove evasive Aquatic plants such as Milfoil, Hydrilla, Fanwort and many more. These types of plant species can be easily removed with a cost effective set up or the use of a Diver Assisted Suction Harvester. The system we use, is a Keene Venturi suction system similar to what we use on a gold dredge and reclamation systems. Keene Engineering simply builds the best pumps, venturi jets, in the world. We manufacture all of the components needed such as height performance pumps, swivel intake nozzles, hose assemblies and accessories you need built in our factory in Chatsworth, California. Everything we sell is proudly Made in America. We provide technical support and advice for all your harvesting needs. The unique thing about a Keene venturi system, it provides very little impact on breaking up the plant and keeps fragmentation to a minimum.

The divers, move a powerful suction head around and the suction has the strength, to sometimes, pull the plant out by the roots and if not just a slight pull will remove the plants, roots and all. Since the suction tip does not contact with the bottom, we typically never disturb other than the specific, invasive plants. The vegetation is vacuumed through a suction hose and transported up to the Harvester platform for separation into the Keene Weed Box part #**WEEDB1** Once the vegetation is on board and de-watered it becomes extremely light and easy to handle and compacts well for disposal. We use a Hookah system or surface supplied air, for the divers. The air compressor pumps, clean fresh filtered air, into

a stainless steel reserve tank and distributed through a secondary filter to the divers. This system allows the diver to work all day with out any interruptions and no tanks to fill. One motor supplies the power for the air and water pump. Underwater communication systems are available for full face mask for constant contact from the diver to the surface operator.

KEENE NEW WEED BOX MODEL #WEEDB1

The Keene weed box separates the organic material from dredged material. It is designed to dewater the weeds, milfoil and other organic material. Works with 3" 4" and 5" hoses. The material builds up on the aluminum punch plate then it is dragged into the large opening and dropped into a tubes. The 12 feet of large 8" water discharge hose on the bottom helps direct the waste water. The hose can even be dropped to the bottom to help control the turbidity and provide greater visibility for the divers. The 4 independent adjustable leg system allows the weed box to be set up on uneven surface like the banks of a lake or a floatation that does not sit flat. The Weed box comes with the aluminum 1/8" punch plate on top and 2 lower screens to greatly reduce the chance of any receding or any particulate to get into the discharge flow. The dredge hopper is equipped with a rubber flap that eliminates the spray and help keep the operator dry. Equipped with a small metal stool that supports the 8 gallon tub reducing the need for bending over. Weight 220 lbs. Shipping Weight 242 lbs



9 gallon bucket not included



HOLY MOLEY VACUUM DIGGER

These vacuum diggers bore clean holes down to depths of 15 feet or more. The diggers are powered by the Keene Model **HVS** or standard shop vacs. With the **HVS** these diggers are portable for remote applications. Capable of digging through various types of material, these diggers are the perfect tool for sampling. These tools are tough and made to last.



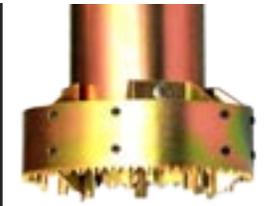
Dig Core samples & fence post holes with HMPHD4, HMPHD5 & HMPHD6



Dig hardpan, packed clay & more with HMCD5 & HMCD6



Model HVS



THE KEENE FIRE-FIGHTER, PROTECT YOUR HOME & PROPERTY!



FF65H

This must have tool **FF65H** is built on a cart with inflatable tires for ease of access and set up. The Fire-Fighter is equipped with a powerful **GX200** Honda gasoline engine and a pump that produces an adjustable stream of water up to 200 feet away! Roll into position next to the pool and it is ready for action. Units comes with 100 feet of 1 1/2 inch fire hose and an adjustable nozzle. Homeowners with swimming pools can protect their homes when fire threatens by soaking down roofs, walls and landscaping Always ready in any emergency, even when water pressure and electrical power fails. If you live in drought ravaged areas, especially in the foothills, high fire zones, isolated areas with brush and natural wild growth, you need the Keene Fire-Fighter. Shipping Weight 150 lbs



FFFG

The Foam-Fast Applicator **FFFG** is a simple and effective method of deploying wetting agent onto a fire. The foam cartridge **FFFGC** Foam-Fast cartridges sold separately in packs of 3 will dilute into the water flow and emerge through the nozzle. You can protect your property with five times the effectiveness than plain water alone.

FFFG Shipping WT 6 lbs,- **FFFGC** Shipping WT 2 lbs

New cam lock intake, no tools needed, Petcock drain, All brass Y splitter for putting out spot fires.



CENTRIFUGAL JETTING PUMPS & ENGINE SPECIFICATIONS



Model Number	Engine & Hp Range Description	Model of Pump	Intake & Discharge	GPM Head Press	Compressor Belt & Shaft Size	Pump Weight	Unit Weight	Shipping-weight	Series
P90	GX50 Honda	P90	1.5" x 1.25"	100/161	5/8" keyed 1/4"	4 lbs.	4 lbs..	10 lbs.	2000 - 2500
P90GH25	GX50 Honda	P90	1.5" x 1.25"	100/161	-	4 lbs.	19 lbs.	30 lbs.	2000 - 2500
PHP160	3 to 6 Hp	PHP160	2" x 1.50"	200/165	5/8" threaded only	5 lbs.	5 lbs.	10 lbs.	2500-3400
PHP1604	GX120 Honda	PHP160	2" x 1.50"	200/150	-	5 lbs.	28 lbs.	40 lbs.	2500-3400
PHP1604KAC	GX120 Honda	PHP160	2" x 1.50"	200/150	T80 & A27	5 lbs.	32 lbs.	40 lbs.	2500-3400
P180	5 to 7 Hp	P180	2.5" x 2"	300/180	5/8ths or 3/4" x 5/16"	6 lbs.	6 lbs.	12 lbs.	3500 - 6200
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
P185CH	GX200 Honda	P180	2.5" x 2"	300/150	T80 & A27	6 lbs.	58 lbs.	69 lbs.	3500 - 6200
P185CHKAC	GX200 Honda	P180	2.5" x 2"	300/150	KAC & A24	6 lbs.	58 lbs.	69 lbs.	3500 - 6200
P185H	GX200 Honda	P180	2.5" x 2"	300/150	-	6 lbs.	37 lbs.	42 lbs.	3500 - 6200
P350	8 to 11 Hp	P350	4" x 3"	425/145	1"thrd or 1" key x 3/8"	16 lbs.	21 lbs.	20 lbs.	5100 - 6200
P359BCH	GX270 Honda	P350	4" x 3"	400/120	T80 & A30	16 lbs.	78 lbs.	90 lbs.	5100 - 6200
P359H	GX270 Honda	P350	4" x 3"	400/120	-	16 lbs.	67 lbs.	80 lbs.	5100 - 6200
P3510DE	L100V Yanmar	P350	4" x 3"	400/120	-	16 lbs.	128 lbs.	150 lbs.	5100 - 6200
P3510DEC	L100V Yanmar	P350	4" x 3"	400/120	263 & A41	16 lbs.	156 lbs.	180 lbs.	5100 - 6200
P3513HE	GX390 Honda	P350	4" x 3"	425/130	-	16 lbs.	122 lbs.	150 lbs.	5100 - 6200
P3513HEC	GX390 Honda	P350	4" x 3"	425/130	263 & A38	16 lbs.	149 lbs.	195 lbs.	5100 - 6200
PHP500	9 to 23 Hp	PHP500	3" x 2.5"	500/200	1"thrd or 1" key x 3/8"	17 lbs.	17 lbs.	20 lbs.	6200
PHP5009H	GX270 Honda	PHP500	3" x 2.5"	375/160	-	17 lbs.	68 lb.	80 lbs.	6200
PHP5009HKAC	GX270 Honda	PHP500	3" x 2.5"	375/160	KAC & A30	17 lbs.	79 lb.	90 lbs.	6200
PHP50013E	GX390 Honda	PHP500	3" x 2.5"	400/170	-	17 lbs.	130 lbs.	155 lbs.	6100
PHP50013E263	GX390 Honda	PHP500	3" x 2.5"	400/170	263 & A38	17 lbs.	158 lbs.	180 lbs.	6100
PHP50013EKAC	GX390 Honda	PHP500	3" x 2.5"	400/170	KAC & A30	17 lbs.	140 lbs.	170 lbs.	6100
P350S	16 to 25 Hp	P350S	4" x 3"	600/180	1" Threaded only	17 lbs.	17 lbs.	21 lbs.	8200
P3523V	23 Vanguard	P350S	4" x 3"	600/180	-	17 lbs.	155 lbs.	220 lbs.	8200
P3523VC	23 Vanguard	P350S	4" x 3"	600/180	263 / A38	17 lbs.	179 lbs.	240 lbs.	8200
P150037EFI	37Hp Vanguard EFI	P1500	5" x 4"	1400/135	1 1/4 keyway	32 lbs.	175	225	8100
P150037EFIC	37Hp Vanguard EFI	P1500	5" x 4"	1400/135	1 1/4 keyway	32 lbs.	200	250	8100
P1500D42C	42 Hp Kubota Diesel	P1500	5" x 4"	1450/160	Belt Drive	39 lbs.	560	610	8100
P1500D42	42 Hp Kubota Diesel	P1500	5" x 4"	1450/160	Belt Drive	39 lbs.	530	580	8100
P1500D	60 hp Deutz Diesel	P1500	5" x 4"	1500/170	Belt Drive	39 lbs.	800	850	8100
P1500DC	60 hp Deutz Diesel	P1500	5" x 4"	1500/170	Belt Drive	39 lbs.	850	900	8100
P1500D2	95 hp Deutz Diesel	2 x P1500	5" x 4"	1500/170	Belt Drive	39 lbs.	1080	1150	8100
P1500D2C	95 hp Deutz Diesel	2 x P1500	5" x 4"	1500/170	Belt Drive	39 lbs.	1120	1250	8100

PUMPS, MOTORS, HOSES ACCESSORIES & PARTS

12 Volt Water Pumps



Ideal for recirculation systems such as gold concentrators, bowls & small sluice boxes. American made. Comes with battery clips.

Model	GPH	Hose	Amps	Weight	Shipping Weight
RP1000	1000	3/4"	3.2	1 lb.	2 lb.
RP1600	1600	1" to 1 1/4"	7.0	3 lb.	4 lbs.
RP2200	2200	1" to 1 1/4"	7.5	6 lbs.	5 lbs.
RP4000	4000	1 1/2" to 2"	15.0	8 lbs.	9 lbs.

TACH Tiny Tach



Tachometer and hour meter that is ideal for any dredge, dry-washer or power sluice engine. Monitor engine performance and meter actual hours of use for timely oil changes and maintenance. Easily installed with double sided tape or sheet metal screws. Shipping Weight 1lb.

SPARK ARRESTORS

Part #	Engine type	Ship wt.
SAH25	GX50 Honda	1 lb.
SA3	3hp - 3.7 B/S	1 lb.
SAH4	GX120 Honda	1 lb.
SA5	5hp - 8hp B/S	1 lb.
SA65I	6.5hp Intek Pro	1 lb.
SAH65	GX200 Honda	1 lb.
SAH8	GX270 to GX390 Honda	1 lb.
SA16	16 hp. plus	1 lb.

SA3



Forestry approved spark arrestors are required in most states in the U.S. Available for most Honda and Briggs & Stratton engines. Shipping Weight 1lb.

ENGINE AND PUMP BASES



Rubber shock mounted base to align engine, pump and compressor properly.

MODEL	Engine	Compressor
P2	3 to 7 hp	T80-KAC
P2B	8 to 23 hp	263
P2C	P90GH	N/A
P2H	2.5	T80-KAC
P2G	Yanmar 10 hp	263



Compressor Drive Kit - P3:

Kit includes belt and pulley for mounting to pump for installation of a compressor. Please indicate your existing belt size if possible. Shipping weight 2 lbs

Water Pump Seal Kits

These water pump seal kits come complete with seals, gaskets, sealant and a seal tool that makes installation a snap! Ship wt: 1 lb.



Kit #	Pump	Seal #
WPK1	P60	WPS1
WPK2	P90-P180	WPS2
WPK3	P200-P350	WPS3
WPK5	P1500	WPS5

Clearflow Suction Hose



This hose is made especially for Keene Engineering to withstand extreme temperature changes and deterioration by sunlight, ozone and mildew. Made extremely flexible and lightweight with a smooth inside surface.

Part	Size	Weight Per 100 Ft.	Standard Length	Bulk Length
SH125	1.25"	19.lbs	4-10 Ft.	100 Ft.
SH150	1.5"	23 lbs.	5-10 Ft.	100 Ft.
SH2	2"	33 lbs.	3-10 Ft.	100 Ft.
SH25	2.5"	43 lbs.	10-15 Ft.	100 Ft.
SH3	3"	62 lbs.	10-15 Ft.	100 Ft.
SH4	4"	110 lbs.	15-20 Ft.	100 Ft.
SH5	5"	196 lbs.	15-20 Ft.	100 Ft.
SH6	6"	230 lbs	20-30 Ft.	100 Ft.
SHHD6	6"	376 lbs.	20-30 Ft.	100 Ft.
SH8	8"	330 lbs.	20-30 Ft.	100 Ft.
SHHD8	8"	600 lbs	40 Ft.	100 Ft.
SH10	10"	888 lbs.	50 Ft.	50 Ft.
SH12	12"	1043 lbs.	50 Ft.	50 Ft.

Clearflow Pressure Hose



Our pressure hose has a "see through" capability that visually shows the water flow in the hose. Easy to detect air leaks or other problems in water flow. Working pressures from 50 to 75 PSI.

Part #	Size	Weight Per 100 Ft.	Standard Length	Bulk Length
PH1	1"	25 lbs.	6-25 Ft.	100 FT.
PH125	1.25"	35 lbs.	10 Ft.	100 FT.
PH150	1.5"	42 lbs.	6 Ft.	100 FT.
PH2	2"	70 lbs.	6 Ft.	100 FT.
PH3	3"	115 lbs.	6-10-20 Ft.	100 FT.

Foot Valve Assemblies

Part#	Size	Hose Size	Weight	Ship WT
FVA15	1.5"	48" x 1.5" hose	2 lbs	6 lbs
FVA20	2"	48" x 2" hose	3 lbs	7 lbs
FVA25	2.5"	48" x 2.5" hose	5 lbs	8 lbs
FVA30	3"	48" x 3" hose	7 lbs	10 lbs
FVA40	4"	4" elbow w/fill cap	8 lbs	12 lbs
FVA50	5"	5" elbow w/fill cap	60 lbs	150 lbs
FVA15E	1.5"	With 8 Ft. Hose	4 lbs	7 lbs
FVA20E	2"	With 8 Ft. Hose	5 lbs	8 lbs
FVA25E	2.5"	With 8 Ft. Hose	8 lbs	12 lbs
FVA40E	4"	3.5 Ft. w/Insert	11 lbs	3 lbs



FAV40



FVA40E



FVA25

Foot Valves with Strainers

Molded Marlex foot valve includes a plated steel strainer and large filler cap to replace rubber seal, unscrew hose connector.

Model	Size	Weight	Ship WT
FV15	1.5"	1 lbs	4 lbs
FV20	2"	2 lbs	5 lbs
FV25	2.5"	2 lbs	5 lbs
FV30	3"	3 lbs	6 lbs
FV40	4"	7 lbs	11 lbs
FV50	5"	1 lbs	1 lbs



FV30



FV40



PK2 Pump & Priming Kit

Prime any late model pump easily with this manual priming pump. Comes with all required fittings and 3' of hose. Shipping wt. 3 lbs.

Lay-Flat Pressure Hose



Made with high tensile polyester yam reinforced to provide strength and durability while homogeneous virgin PVC construction eliminates separation of tube and cover. This blue colored pressure hose lays

flat for easy coil roll up and storage. deal for low to medium working pressures from 75 to 150 PSI.

Part #	Size	Weight Per 100 Ft.	Standard Length	Bulk Length
NH1	1"	18 lbs.	25-50 Ft.	300 FT.
NH125	1.25"	20 lbs.	25-50 Ft	300 FT.
NH15	1.5"	25 lbs.	25-50 Ft	300 FT.
NH2	2"	30 lbs.	25-50 Ft	300 FT.
NH3	3"	62 lbs.	25-50 Ft	300 FT.

Pressure Hose Couplers

These couplers are used to adapt pressure hose to pumps. All of these connectors utilize a standard national pipe thread and are available in male and female sizes .



Female Coupling



Male Coupling

Part #	Size	Type
PHC1F	1 Inch	Female
PHC1M	1 Inch	Male
PHC125F	1.25 Inch	Female
PHC125M	1.25 Inch	Male
PHC15F	1.5 Inch	Female
PHC15M	1.5 Inch	Male
PHC2F	2 Inch	Female
PHC2M	2 Inch	Male
PHC25F	2.5 Inch	Female
PHC25M	2.5 Inch	Male
PHC3F	3 Inch	Female
PHC3M	3 Inch	Male



Suction Hose Couplings with Clamps

This is used to connect sections of hose together with minimal diameter and flow reduction.

Part #	Size	Clamp #
SHC2	2 Inch	Two SS32
SHC25	2.5 Inch	Two SS44
SHC3	3 Inch	Two SS52
SHC4	4 Inch	Two SS72
SHC5	5 Inch	Two SS104
SHC6	6 Inch	Two HDC6
SHC8	8 Inch	Two HDC8

Quick Release Couplings

Heavy-duty quick release pressure couplings are made of a solid aluminum body with brass ears and stainless steel pins. Available in male, female and male barbed.

QC F



QC M



QC MB



Part #	Size	Type
QC1F	1 Inch	Female
QC1M	1 Inch	Male
QC15F	1.5 Inch	Female
QC15M	1.5 Inch	Male
QC15MB	1.5 Inch	Male/Barbed
QC2F	2 Inch	Female
QC2M	2 Inch	Male
QC2MB	2 Inch	Male/Barbed
QC25F	2 Inch	Female
QC25M	2 Inch	Male
QC25MB	2 Inch	Male/Barbed
QC3F	3 Inch	Female
QC3M	3 Inch	Male
QC3MB	3 Inch	Male/Barbed
QC4F	4 Inch	Female
QC4M	4 Inch	Male
QC4MB	4 Inch	Male/Barbed

PARTS & ACCESSORIES

Heavy Duty Pressure Hose Clamps



"T" Handle Bolt Clamps



Typically Used On Jet Flares

Part#	Size	Size Min	Size Max	T-Handle
HDC263	2"	2.45"	2.63"	Nut
HDC263T	2"	2.45"	2.63"	T-Handle
HDC325	2.50"	2.75"	2.25"	Nut
HDC325T	2.50"	2.75"	2.25"	T-Handle
HDC375	3"	2.78"	3.09"	Nut
HDC375T	3"	2.78"	3.09"	T-Handle
HDC475	4"	3.78"	4.09"	Nut
HDC475T	4"	3.78"	4.09"	T-Handle
HDC575	5"	4.78"	5.09"	Nut
HDC575T	5"	4.78"	5.09"	T-Handle
HDC700	6"	5.78"	6.09"	Nut
HDC700T	6"	5.78"	6.09"	T-Handle

Typically Used On Hose

Part#	Size	Size Min	Size Max	T-Handle
HDC175	1.50"	1.62"	1.87"	Nut
HDC175T	1.50"	1.62"	1.87"	T-Handle
HDC250	2"	1.87"	2.12"	Nut
HDC250T	2"	1.87"	2.12"	T-Handle
HDC300	2.50"	2.31"	2.62"	Nut
HDC300T	2.50"	2.31"	2.62"	T-Handle
HDC350	3"	2.78"	3.09"	Nut
HDC350T	3"	2.78"	3.09"	T-Handle
HDC450	4"	3.78"	4.09"	Nut
HDC450T	4"	2.78"	4.09"	T-Handle
HDC550	5"	4.78"	5.09"	Nut
HDC550T	5"	4.78"	5.09"	T-Handle
HDC650	6"	5.78"	6.09"	Nut
HDC650T	6"	5.78"	6.09"	T-Handle

Sluice Bucket Recovery System SBRS

This handy clean up system allows you to save time and values when cleaning your sluice! Easily adapts to any dredge from 2.5 to 4 inches in size, all sluices up to 16 inches wide and all of our power sluice models. Simply fasten to the end of your sluice with the adapter bracket and you are ready to go! Complete with detachable 2 gallon handled bucket and 3/8" classifying sieve. Weight is 7 pounds. Shipping weight 10 lbs.



JFAQ2



Oversized Quick Coupler

New suction hose oversized quick coupler helps to reduce rock jams. the suction hose fits inside the coupling and is locked into place with a swing lever clamp. Coupling welded to the jet tube.

Part#	Dredge Size	Weight	Ship WT.
JFAQ2	2"	3 lbs.	5 lbs.
JFAQ25	2.5"	3.5 lbs.	5 lbs.
JFAQ3	3"	4 lbs.	6 lbs.
JFAQ4	4"	5 lbs.	7 lbs.

Stainless Steel Hose Clamps



Part #	Size
SS16	1.25 Inch
SS24	1.5 Inch
SS32	2 Inch
SS44	2.5 Inch
SS52	3 Inch
SS72	4 Inch
SS104	5 Inch

Heavy Duty Spiral Suction Hose Clamps

These clamps securely grip the spiral ribs of large diameter Kuriyama hoses.



Part #	Size
HDCS6	6"
HDCS8	8"

Suction Hose Quick Couplings

These couplings allow you to attach suction hose to the power jet with ease. Any restriction is eliminated because the suction hose fits inside the coupling and is locked into place with a swing lever clamp. Coupling must be welded to the jet tube.



Part #	Dredge size	Weight	Ship Wt.
SQC3	3 Inch	5 lbs.	8 lbs.
SQC4	4 Inch	5 lbs.	10 lbs.
SQC5	5 Inch	7 lbs.	11 lbs.
SQC6	6 Inch	13 lbs.	16 lbs.
SQC8	8 Inch	35 lbs.	25 lbs.

Suction Hose Dredging Tips

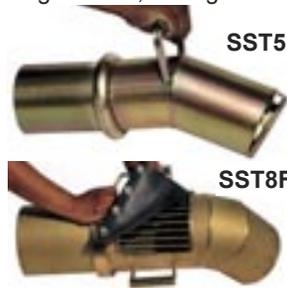
Our suction hose dredging tip is constructed of plated steel and features a rolled tip or a welded reduction ring which will reduce rock jams by up to 20%. The 5 inch tips feature a gripping handle.

Part #	Dredge Size	Weight	Ship Wt.
ST2D	2 Inch	2 lbs.	3 lbs.
ST15	1.5 Inch	2 lbs.	3 lbs.
ST2	2 Inch	2 lbs.	4 lbs.
ST25	2.5 Inch	3 lbs.	5 lbs.
ST3	3 Inch	4 lbs.	6 lbs.
ST4	4 Inch	4 lbs.	7 lbs.
ST5	5 Inch	6 lbs.	8 lbs.



Swivel Suction Hose Dredging Tips

Swivel Suction Hose Tip is an absolute must for the serious dredger. The tip moves without turning the hose, making handling and manoeuvrability so much easier!



Part #	Dredge Size	Weight	Ship Wt.
SST3	3 Inch	5 lbs.	8 lbs.
SST4	4 Inch	5 lbs.	10 lbs.
SST5	5 Inch	7 lbs.	11 lbs.
SST6	6 Inch	13 lbs.	16 lbs.
SST6F	6 Inch	15 lbs.	25 lbs.
SST8F	8 Inch	35 lbs.	40 lbs.

Models SST6F and SST8F are equipped with "suction breaking flap" for quick redirection and reduction of suction. A very important safety feature.

HIGH VOLUME PRESSURE OUTLET

SP1251K - SP21K - SP31K - SP1251 - SP21 - SP31

Create high pressure and high volume water from the pump for blasting out cracks, crevices and loosening debris. Attach a one inch pressure hose and crevice blaster or any garden hose attachment and you will be amazed how much this will increase your productivity. Up to 3 times performance of the garden hose port on the side of the pump. You will not believe the difference of how much more material you can move and how much more gold you will find. **SP21K Kit includes** 30 feet of 1" pressure hose coupler, high flow ball valve, blaster nozzle and a high volume pressure outlet.



Model	Size	Weight	Ship Wt.
SP1251K	1.25" x 1"	12 lbs	15 lbs.
SP21K	2" x 1"	12 lbs	15 lbs.
SP31K	3" x 1"	18 lbs.	20 lbs.
SP1251	1.25" x 1"	2 lbs.	3 lbs.
SP21	2" x 1"	2 lbs.	3 lbs.
SP31	3" x 1.25"	5 lbs.	7 lbs.



SLUICE BOXES, JETS, JET FLARES & ACCESSORIES



New Jet Flare Sluice Boxes with Green Miracle Mat

Our New Jet Flare Sluice Boxes are designed to adapt to our Jet Flares featuring our new "Green Miracle Mat" that is placed under the classifier screen for superior recovery. A lighter design for portability as well as rolled top edges for superior strength on 2.5" and up models only. Included is a large classifying screen that covers over half of the riffle section, miners moss for fine gold recovery and wire mesh screen over ribbed carpet to give you simply the best fine gold recovery one could expect with a sluice box.

Model #	Dredge Size	Length	Width	Weight	Shipping Weight.	Dredge Series
SB2F	2"	36"	10"	11 lbs.	13 lbs.	2000
SB25F	2.5"	40"	12"	17 lbs.	30 lbs.	2500
SB3F	3"	40"	14"	20 lbs.	70 lbs.	3400-3605
SB4F	4"	40"	16"	22 lbs.	70 lbs.	4400

Suction Nozzles

Ideal for use in shallow water conditions. Suction nozzles have the ability to self prime unlike the power jets. This feature makes them ideal for shallow water dredging.



Model	Size	Coupling	Weight	Ship Wt.
SN15	1.5"	1"	2 lbs.	4 lbs.
SN2	2"	1.25"	3 lbs.	5 lbs.
SN25	2.5"	1"	3.5 lbs.	6 lbs.
SN251	2.5"	1.25"	3.5 lbs.	6 lbs.
SN2515	2.5"	1.5"	3.5 lbs.	6 lbs.
SN3	3"	1.5"	5 lbs.	7 lbs.
SN32	3"	2"	5 lbs.	7 lbs.
SN4	4"	1.5"	6 lbs.	8 lbs.
SN42	4"	2"	6 lbs.	8 lbs.



STANDARD POWER JET

The most effective way to create suction. The suction jet produces a strong vacuum to move material and water from one point to another. Jet sizes determines suction hose size and allows the hose to fit over the end of the suction tube.

Model #	Size(OD)	Coupling	Weight	Ship Wt.	Dredge Series
PJ2	2"	1.25"	4 lbs.	6 lbs.	2000
PJ25	2.5"	1.5"	5 lbs.	7 lbs.	2500
PJ3	3"	1.5"	8 lbs.	10 lbs.	3500
PJ32	3"	2"	8 lbs.	10 lbs.	3500
PJ4	4"	1.5"	12 lbs.	14 lbs.	4500
PJ42	4"	2"	12 lbs.	14 lbs.	4500
PJ43	4"	3"	16 lbs.	19 lbs.	4500
PJ4T2	4"	2" x 2"	18 lbs.	20 lbs.	4000
PJ5	5"	2"	24 lbs.	45 lbs.	5100
PJ53	5"	3"	25 lbs.	45 lbs.	5200
PJ5T2	5"	2" x 2"	26 lbs.	70 lbs.	6200
PJ6T2	6"	2" x 2"	32 lbs.	70 lbs.	6200
PJ6T3	6"	3" x 3"	35 lbs.	70 lbs.	8000
PJ83	8"	3"	40 lbs.	100 lbs.	8000
PJ8T3	8"	3" x 3"	50 lbs.	100 lbs.	8000

3 Stage Flare Sluice Boxes



The 3 Stage Sluice Box is simply the lightest, most compact sluice box you can find for superior fine gold recovery. The secret is in our 3 Stage Sluice System that enables us to say that our sluice can out perform any double or triple sluice on the market. This sluice box features heavy duty latches, rolled top edges that provide greater strength and safety, a longer rubber damper for more even distribution and an adjustable flow metering plate for the lower sluice.

Model #	Dredge Size	Length	Width	Weight	Shipping Weight.	Dredge Series
SB4F3	4"	48"	16"	34 lbs.	70 lbs.	4500-4505
SB5F3	5"	60"	20"	53 lbs.	100 lbs.	5000-6000
SB6S	6"	112"	26"	210 lbs.	210 lbs.	6200
SB8S	8"	112"	28"	231 lbs.	231 lbs.	8200
SB8	8"	162"	32"	250 lbs.	275 lbs.	8065



Oversized Jet Flares

The oversized jet flare is designed to work with the oversized power jets only. This straight collar is longer than the standard jet flare allowing the power jet to be shorter and reduce the overall weight of the dredge and greater suction power.

Model #	Size(ID)	Dimensions	Weight	Ship Wt.	Dredge Series
PPJF20	2"	21" x 10"	2 lbs.	4 lbs.	2000
PPJF250	2.5"	28" x 12"	3.5 lbs.	6 lbs.	2500
PPJF30	3"	30" x 14"	6 lbs.	30 lbs.	3500
PPJF40	4"	38" x 16"	8 lbs.	70 lbs.	3500
PPJF50	5"	45" x 20"	12 lbs.	70 lbs.	4500
PPJF60	6"	52" x 20"	14 lbs.	70 lbs.	6000
PPJF80	8"	69" x 22"	18 lbs.	80 lbs.	8000
PPJF10S	10"	104" x 26"	200 lbs.	300 lbs.	10000

New Oversized Power Jets



We have taken the standard Power Jet and created a more efficient, more mobile and over-all superior jet! The new design involves a slight enlargement of the jet tube, making it a bit larger than the interior of the suction hose. The result of this modification is a smooth, seamless flow from hose to jet. Rock jams and other obstructions are virtually eliminated which means less downtime over all. With the quick coupler feature, the suction hose fits inside the Power Jet and is securely fastened in a snap. Each oversized jet comes with the suction hose quick coupler fittings.

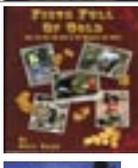


Model #	Size(OD)	Coupling	Weight	Ship Wt.	Dredge Series
PJ20	2"	1.25"	4 lbs.	7 lbs.	2000
PJ25140	2.5"	1.25"	6 lbs.	9 lbs.	2000
PJ250	2.5"	1.50"	6 lbs.	9 lbs.	2500
PJ30	3"	1.50"	9 lbs.	12 lbs.	3500
PJ320	3"	2"	10 lbs.	13 lbs.	3500
PJ420	4"	2"	16 lbs.	30 lbs.	4500
PJ430	4"	3"	18 lbs.	30 lbs.	4500
PJ4T20	4"	2" x 2"	19 lbs.	30 lbs.	4000
PJ530	5"	3"	27 lbs.	40 lbs.	5100
PJ5T20	5"	2" x 2"	27 lbs.	40 lbs.	5200
PJ6T20	6"	2" x 2"	38 lbs.	70 lbs.	6200
PJ6T30	6"	3" x 3"	40 lbs.	70 lbs.	6200
PJ840	8"	3" x 3"	90 lbs.	150 lbs.	8000
PJ844	8"	4" x 3"	120 lbs.	195 lbs.	8000
PJ104P	10"	4" x 3"	300 lbs.	400 lbs.	10000

THE LIBRARY: HOW TO PROSPECT FOR GOLD



THE PROSPECTOR'S DIGEST - B164A: - Jerry Keene. This best seller has been brought back by popular demand. Includes the latest equipment in prospecting, mining and electronic metal detecting. Instructions for panning, sluicing and prospecting. New stories and methods utilizing the latest techniques. 8" x 11". 64 Color illustrated pages.



FISTS FULL OF GOLD B49 Chris Ralph. This book covers all the newest information on metal detecting, dredging, dry washing and panning for gold. It includes how to use GPS, the internet, topographic maps and other information sources to find rich pay streaks. With detailed explanations of placer geology and how pay streaks form, this book will teach you all the prospecting skills you need to find those locations with good recoverable gold. Written by a veteran and mining engineer of over 30 years. Chris is also an associate editor of the California Mining Journal. 8 1/2 x 11 362 pages



MODERN PROSPECTING - B15: McPherson. Identify favourable areas, different types of deposits, research and testing techniques. Developing a claim, modern assaying, geochemical prospecting. How to do it right. Fully illustrated with drawing, maps and photos 320 pages



GOLD IS WHERE YOU FIND IT -B7 - Robert O. Wilson. An excellent and comprehensive guide to prospecting in Arizona. The author has researched historical placer areas and legends and provided extensive maps pictures and guides and even how to build diagrams. 6.5" x 9" 158 pages



ADVANCED DREDGING TECHNIQUES Volume 2 Part 1 - B349A: - McCracken. One of the most authoritative books covering advanced mining procedures. Discover pay streaks, how and where they form. The technology of pay streaks, sampling and procedures that are vital to all gold dredgers. Fully illustrated. 240 pages.



ADVANCED DREDGING TECHNIQUES Volume 2 Part 2 - B349B: - McCracken. A continued wealth of information about dredging. More about gold pay streaks, boulder winching procedures, deep and cold water diving, care and modification of diving systems. Recovery of free gold from small volumes of concentrates. Information for gold in Alaska and Canada. Fully illustrated. 164 pages.



Gold Dredgers Handbook - B310. By Dave McCracken Identifying & locating high-grade gold deposits. The legalities; where gold comes from and where to find it; how gold forms into high-grade deposits; all of the different types of suction dredges that you will see in the field today and how they work; how to operate a suction dredge; how to sample and develop high-grade gold deposits. 364 pages

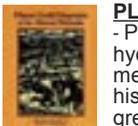


DIVING AND DIGGING FOR GOLD - B3: -Mary Hill A popular book on how and where to find gold. Information of equipment to help detect and process gold. Where to sell it and where to get more information and tips by old timers. Fully Illustrated 50 pages

WHERE TO PROSPECT FOR GOLD



GOLD COUNTRY Early Mining Days of California - B16: - Pahr. Pictorial of the places and faces of the California Gold Rush. Explores the 125 mile long Mother Lode region extending along the western foothills of the Sierra Nevada. 9" x 12" 48 pages



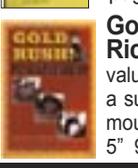
PLACER GOLD DEPOSITS OF THE SIERRA NEVADA - B367: - Paul D. Morrison A most complete book of gold placer mines, hydraulic and drift mines, locations, dredging areas. Well documented by numerous mineral resources and surveys. Gives a history and past production of gold. More than 20 maps. An great guide. 192 pages.



MINES OF THE SAN GABRIELS- B84: John W. Robinson. Northeast of Los Angeles, the San Gabriel Range recorded the first gold strike in California. Many of the old mines are within sight of our freeways. Photographs, maps. 5" x 8" 60 pages.



MINES OF THE MOJAVE - B33: -Rot and Peggy Miller. Covers numerous mining districts running across the upper Mojave Desert from Tropic, west of the Nevada border. Includes Calico and Randsburg that are little known mines yet interesting jaunts for the prospector and visitor. Fully illustrated size. 6" x 9" 73 pages.



Gold Rush - Young Prospector's Guide to Striking it Rich B588 James Klein. Where and how to look for gold and other valuable minerals. The equipment needed to make your treasure hunt a success. This book also explains how people became rich and famous in the historic gold rushes around the world. Fully illustrated 9" x 5" 90 pages.



SUCCESSFUL NUGGET-TEERING IN NEVADA - B583: - Delos Toole. Detailed book of maps and directions and history of where to find gold placer mining districts in Nevada. Large 8 1/2" x 11" size. 140 pages.



WHERE TO FIND GOLD IN NORTHERN CALIFORNIA - B584: - James Klein (New Edition). From the "Old Pro" History, origin and complete maps of key gold producing areas in Northern California illustrating all counties and gold bearing districts. Includes methods, treasure stories, laws relating to dredging. The latest tools and equipment required and metal detecting tools and procedures. 153 well illustrated pages.



ROADSIDE GEOLOGY OF NORTHERN AND CENTRAL CALIFORNIA - B14: David Alt.& Donald W. Hyndman. Informative travel companion about roadside terrain and geology with photos, diagrams and glossary, maps and other illustrations. 6" X 9" 370 pages.



ROADSIDE GEOLOGY OF ARIZONA- B13: Halka Chronic. Informative travel companion about roadside terrain and geology with photos, diagrams and glossary, maps and other illustrations. 6" X 9" 322 pages.



PLACER GOLD DEPOSITS OF NEVADA B365 Maureen Johnson. This book depicts major placer deposits of Nevada Butte county. Includes age of lode & placer mineralization, geological map references, graphs showing placer gold production etc. 5.5" x 8.5" 118 pages

GOLD SEPARATION



THE EXTRACTION OF FREE GOLD -B11A - McGowan. A practical, simplified method of extracting free gold, by a man who has spent a lifetime searching to improve the methods of gold extraction. Color and fully illustrated. 5" x 8" 61 pages.



CALIFORNIA GHOST TOWN TRAILS- B51: -Abbott. Dedicated to locations for bottle collectors and treasure hunting. Fully illustrated. 5" x 8" 128 pages. With photos and maps.



COIN & RELIC DREDGING - B399 Bob Smith. Experiences of a weekend Treasure Hunter. Where & when to hunt, methods of hunting, research and rules and laws governing searches 5 1/2" x 8 1/2" 120 pages.



NEVADA GHOST TOWNS AND MINING CAMPS- Volume One - B525: - & - Volume 2 B555 Stan Pahr. Atlas Volume One - Covering Northern Nevada. Reno, Austin, Ely and points north. Featuring 55 revised color maps with additional sites and mileages. The perfect companion for the back road explorer. 295 illustrations, 28 color maps. 8" x 10". 210 pages.



GOLD MINER'S SECRETS ON REFINING GOLD & SILVER B351: Nola May Carter. - Written in simple language. How to fire ore and purify gold or silver safely. Includes operational cautions the dangers and also includes equipment and ingredients for firing, purifying and recovering. 5" x 8" 45 pages.



GOLDEN RULES TO CYANIDE LEACHING & RECOVERY - B410: - Nola May Carter. Now the average man can safely and efficiently learn how to make and use leaching and recovery systems. A straight forward booklet with easy to read diagrams. 5" x 8" 30 pages.



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Detecting for Gold B601 Ray Mills.
"This book is filled with answers and tips about prospecting for gold. The author has been detecting for gold nearly forty years. There is still gold to be found and the Trips and Tips in this book will reduce the learning curve. Get a copy, relax and let the author take you down the trail on one of his many journeys and learn the knowledge that will help you become a safe, confident and diligent prospector. Your ability to detect and find gold will stem from the knowledge you gain here." 217 pages. Large 8 1/2" x 11"



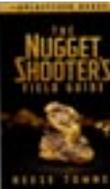
TREASURE HUNTER'S FIELD NOTEBOOK - B593: Mike "Hawkeye" Picket. The most complete guide ever compiled of field monuments, symbols and signs to assist the treasure hunter in his/her quest to locate hidden treasure. Contains 35 years worth of field research and investigation from archives and university libraries. Filled with color illustrations. 5" x 8" 153 pages.



Advanced Nuggetshooting B574 James A. McCulloch An excellent book on How to Prospect for Gold with an Electronic Metal Detector often referred to as Nuggetshooting. Learn how to master the operations and techniques of your metal detector and proper use of controls. How to identify conductive materials such as black sand and common mineralization. Learn the meaning of ground balance and variable sensitivity. Large 8 1/2" x 11" 20 pages



UNDERWATER SNIPING FOR GOLD B595 Sam Radding & Jim Garlock. How to find gold underwater using lightweight tools. Detailed maps showing where and how to find gold. Find gold in underwater bedrock cracks with lightweight and simple tools. Packed with detailed pictures & illustrations 144 Pages 8 1/2" x 6"



B12 The Nugget Shooters Field Guide
When done correctly, detecting yields more for the effort you put into searching for gold nuggets and increases your chances of finding the locations that produce the coveted yellow metal. In this book, you learn strategies for detecting dredge tailings, hard rock tailings, hydraulic mining, ancient river channels, heavily forested regions, and much more. You will also learn the Townes' Theory, which will help you identify the earliest stage of a present stream channel. In short, the Townes' Theory can put you on top of more nuggets! These strategies, techniques, tips and applied theories can be applied worldwide. 124 pages 6" x 9" Full color One of the best book out there!



INSTRUCTIONAL DVD VIDEOS



AIP001 Nor Cal Dredging & Creviceing Approximately 30 min contains some nice small dredge operations in two of the most beautiful gold laden waters in Northern California; Butte Creek and the Feather River.

AIP003 Pat Keene's Finney Claim Approximately 30 min Dredging, Downieville, California, Yuba River on Pat Keene's Finney Claim. The most exciting underwater gold dredge experiences you will ever see.

AIP005 TEXAS Gold Prospecting & Relic Hunting Join legendary prospector and entertainer "Boo Coo" and friends as they look for relics, treasure, and adventure. Search and explore the Llano River, old stage coach route, homestead, and a mine shaft!

AIP007 A Complete Guide to Sluicing and Panning Approximately 45 min. Learn the "Maximum Recovery" classification process, reading "Pay Layers" & "3 Perfect Panning Techniques" in the California Motherlode Country.

AIP009 How to Read a River for Placer Gold Deposits Approximately 35 min. Join Chris Ralph, Associate Editor for ICMJ's Prospecting & Mining Journal as he explains where gold is most likely to concentrate along a river. Includes dredging, big nuggets, and creviceing techniques.

AIP011 Iron From the Sky: The Meteorite Hunters Approximately 1 hour. \$600,000 Iron Palasite Meteorite found while filming this episode! Learn how to identify meteorites and methods to recover. Glorietta, New Mexico, Peru, and The Arabian Desert space rock hunts!

AIP013 Turquoise Mining for Jewelry & Ghost Town Relic Hunting Approximately 30 min. Join Chris Ralph, Associate Editor for ICMJ's Prospecting & Mining Journal at his turquoise mine and learn all about this gemstone. Search a nearby ghost town for relics with a detector.

AIP002 Techniques for Desert Prospecting Approximately 30 min Nugget Brain Wayne Detect, Drywash, and Vacuum for GOLD! Get tips and see some of the best methods to recover desert gold.

AIP004 How to Build and Use a Sluice Box with Plans Nugget Brain Wayne & Snappy Grip Tim Approximately 1.5 Hours Step-By-Step Build your own Sluice Box Printable Plans Included in PDF format.

AIP006 Horseback Prospecting & How to Read a Desert for Placer Gold Nugget Brain Wayne Approximately 35 min Pack in on horses on a drywashing adventure. Learn how gold deposits in a desert environment. Learn not to be fooled by "fools gold".

AIP008 Production Panning with "Buckshot" Get your Donkey Eyes and Ears on because Jeff Smith of "Smith's Gold" has a new prospecting buddy. Join us as we search for gold in Northern California using a "Production Pan" that processes a high volume of material very quickly and saves all your gold, the Pyramid Pro Pan.

AIP010 Above & Below Metal Detecting Approximately 40 min. Scuba dive northern California rivers for gold nuggets & relics. Neighborhood coin & jewelry hunting. Detect nuggets along the river.

AIP012 North South California Prospecting with Pat Keene Approximately 45 min. Prospecting & Dredging East Fork San Gabriel & Yuba River. See the "Ram's Head Nugget". Dredge with lady dredger Christina Stohlman on California's Feather River.

AIP014 How to Suction Dredge: A Complete Guide Approximately 1.5 hour Join professional miner Rob Goreman as he walks through a complete instruction on how to set up and operate your dredge for maximum gold recovery. Lots of underwater action with gold being dredged from the bottom of the river.

- AIP015 How to Process Gold Concentrate: A Complete Guide** Approximately 1 hour. Join professional miner Rob Goreman as he walks you through the best method to keep all your gold, including micron. See the Blue Bowl, Super Keene Concentrator, Falcon, Heavy Hitter and more!
- AIP017 How to Build & Use a Gold Suction Tube** Approximately 1 hour. Build your own Gold Suction Tube with the inventor of Snappy Grip Bucket Handles, Snappy Grip Tim & NuggetBrain Wayne. Go out and see how to use it. Plans are included on the DVD in PDF format.
- AIP019 Basic Gold Prospecting Techniques & More** Approximately 50 minutes. Learn everything you need to know to get started! Gold panning instruction, tools, sluicing, where to look, crevicing, gold geology, and much more.
- AIP021 Detecting Treasures: Beaches, Buried & Below** Treasures await those who search the sands where beach goers have lost coins and other valuables. See how easy and fun it is to search for these common values.
- AIP023 Detecting American History** Approximately 1 hour. Detect Coins, Treasure and Civil War Relics including Mark Twain's home, a creepy old basement and a Union Civil War Camp.
- AIP025 Drywashing A Complete Guide Part 2** Approximately 50 min. Explanation of how to set up a drywasher for maximum gold recovery. Explore the desert in California to learn geological signs to look where gold can be found.
- AIP027 16 to 1 Gold Mine** Approximately 50 min. Explore the famous 16 to 1 Mine for the next big strike! Search within the actual California Mother Lode using a metal detector to search out rich pockets of gold! Catch a rare glimpse to learn about California's last working gold mines.
- AIP029 Highbanking For Gold** Learn everything about this high production gold recovery method. See all highbanking material processing from start up to clean up.
- AIP016 Gold Rush Country Prospecting** Approximately 50 min. Summary: Head back to Sutter's Mill and search the area where there is still gold left to be found! Backpack in and sluice with the KEENE A52 hand sluice. See the story on an 8.7 ounce nugget found in Southern California!
- AIP018 Golden Beaches of Oregon** Approximately 1 hour. Prospect the black sand beaches of Oregon for gold. Explanation of how to collect gold from the beach and process this concentrate for micron gold.
- AIP020 Hard Rock Prospecting & Milling** Approximately 1 hour. Chris Ralph, from ICMJ Magazine, explains how to look for gold deposits in rock. See how to process large amounts of hard rock with small scale crushing machines and other equipment.
- AIP022 Ancient Tertiary Mining** Approximately 50 minutes. Watch in disbelief as large nuggets are being plucked off the ancient bedrock that has been sealed by 30 feet of overburden.
- AIP024 Drywashing A Complete Guide Pt 1** Approximately 50 min. A guide through the principles of drywashing. Bellows type and electrostatic systems are explained and operated in the Mohave Desert.
- AIP026 Sniping for Gold with a Metal Detector Part 1** Approximately 50 min. Sniping with a metal detector along California Rivers. How to search for gold nuggets with the best recommended applications. See actual discoveries.
- AIP028 Sniping for Gold Underwater Methods Part 2** Approximately 50 min. Dive for gold nuggets underwater. Learn about the tools you will need. Explore underwater rivers and streams with only a mask and snorkel. Go deep with a Keene Hydro Air Diving System.
- ME005 How to Stake a Mining Claim** Approximately 50 min. Easy to understand explanation will guide you through the process to owning a mining claim. Using BLM computer software, application and a complete walkthrough.

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Mining activities can be dangerous. Keene Engineering cannot be responsible how items are used in the field. Before using any equipment, it is the responsibility of the consumer to comply with all local, state and federal safety laws. Before operating dredging equipment, make certain you have consulted all manuals and instructional material. We also recommend that you follow all safety instructions.

Some products featured in our catalog may contain substances known to the State of California to cause birth defects or other reproductive harm. Do not use in connection with drinking water. Wash hands after handling.

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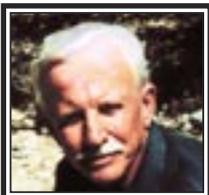
Our showroom, offices and manufacturing facility are all conveniently located in the heart of the San Fernando Valley, in Chatsworth, California. If you have access to the Internet, our showroom is as close as your computer! Visit us on the web at www.KeeneEng.com to view all of our quality products and even order directly online. We also have a wide variety of metal detectors and accessories available.

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We believe that millions can enjoy these activities together and learn a greater respect for nature and wildlife.

THE KEENE ENGINEERING TEAM



Jerry Keene
1934 - 2017



Mark Keene
CEO
Engineering & Mfg
Mark@KeeneEng.com



Patrick Keene
CEO
Sales & Mfg
Pat@KeeneEng.com



Tina Shin
Controller
Tina@KeeneEng.com



Chris Woods
Purchase Agent
Chris@KeeneEng.com



Nereida Magana
Accounts Receivable
Nereida@KeeneEng.com



Jessica Mendez
Customer Service
Jessica@KeeneEng.com



Eddie
Truck Freight Shipping
Shipping@keeneEng.com



Marco Cira
Traffic Manager
Marco@KeeneEng.com

Keene Engineering
20201 Bahama Street
Chatsworth, CA 91311-6204

TO:

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local 818-993-0411
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