

## Rock Crusher Questions ( RC - 46 & RC - 46E)

1. *In the specification the product is described as being able to handle about 1 ton per hour, but in an experiment done by AU testing lab the result says it can handle about 1700 lb (765 kg) per hour. What is the actual handling capacity (in kg per hour) of the product?*

Typical pounds per hour will vary due to many different factors. I have seen some material crushing as little as 400 pounds per hour and up to 2000 pounds per hour. Once the machine is broken in and the jaws have been hard faced customers are reporting optimal capacities of approximately 800 to 1500 pounds per hour.

2. *I understand there are to be some differences in handling capacities of the product depending on the hardness of rocks used. What would be the projected handling capacity of quartz rocks?*

Quartz Rock is typically fairly easy to crush since the rock fractures easily. I would estimate about 1000 pounds per hour.

3. *In its actual operation, can the product mill powders of 100-150 mesh?*

You should be able to get the material in the 100 to 150 mesh range however you may have to make a second pass.

4. *What are the maximum hours of operation per day?*

Honda Engines perform well as long as the oil changed every 40 to 50 hours and the air cleaner is maintained daily.

5. *Will the product be able to handle 5 tons per day in a 10 hour period?*

The rock Crusher should be able to process up to 5 tons per 10 hour day.

6. *During continuous operation, how long should the engine run without a recess?*

I have checked with the Honda Factory and was told that the engine can run 24/7 if the engine is shut down every 3 to 4 hours just long enough to check the engine oil level and air cleaner.

7. *What is the life span of the product?*

We have never seen a crusher that was simply worn out. The bearing should last years. You will have limited life with the rollers jaw wear plates that will depend on the hardness and abrasiveness of the rock being crushed, however the rest of the machine is very tough.

8. *How long will the product last with daily operations of 8-10 hours, seven days per week and what are the consumable parts that are needed to be replaced, and how often will there be a need for the replacement? How many parts will be needed for continuous daily operation of 8 to 10 hours?*

. If you maintain the machine properly it should last for years of continuous duty use. providing the bearing are greased every 24 hours. The rollers should be checked with every oil change 40 to 50 hours. The chain lubricated every 40 to 50 hours. The jaw plates and hard facing to be replaced or hard faced as needed. Re-hard facing should be accomplished around 25 tons per side by continuing to rotate them from top to bottom for even wear. The rollers are a consumable item that last for hundreds of ours if not exceeding 1000 hours. Care must be taken to ensure even wear by maintaining even spring tension on each roller. See attached warrantee for further information.

9. *I plan to purchase the product and needed spare parts. What kind of spare parts are available and how many of each part are recommended to be purchased?*

*I would suggest to order one set of rollers, one or two sets of jaw wear plates and some additional hardware depending on the situation.*

10. *How long will the purchased product be covered by your warranty?*

*The motor is warranted by Honda. We offer a one year warranty on the rock crusher, however warranty does not cover consumable parts..*

11. *What is the fuel consumption for the (RC46) per hour?*

*Typical fuel consumption is under 3 liters an hour.*

12. *In the specification the Electrical machine (RC46E) is described as 230V compatible, however, will the 220V (50Hz) be also compatible with the product without any problem?*

*The rock crusher is powered by a **3 phase** 50 or 60 hertz power source. Big power requirements*

13. *If there is to be a sudden interruption of electric power supply, would that cause problems to the crusher?*

*No experience. I would imagine that all material should be removed from the crusher before restarting.*

14. *How long will the shipping take after I place my order?*

*The lead time changes daily and can be typically 1 to 4 weeks. Depending on our current stock status and existing orders.*

15. *Does your company manufacture the product yourself or do you only outsource and market the product?*

*We manufacture the entire crusher in our facility.*

16. *What are the terms of purchase?*

*We require a 50% deposit and the balance upon completion to include prepaid shipping.*

17. *If I order only the crusher, can the trailer be shipped at a later date?*

*Yes, once ordered we can schedule the shipment at your discretion.*

18. *Can I place a rock crusher on a "Lay Away" program.*

*Yes, the crusher will be held until the amount is paid in full and we then will await your instructions.*