

Jin Shaa MACHINES



Rail Drilling Machine





Rail Drilling Machine



Mounting of the machine

The machine has a special mounting fixture on the side of the cutter two special locating plates having the form of the rail are provided this assures perfect centering of the machine to the rails on the other side a special clamp provided perfect grip to hold the entire machine.

Technical Specifications

- 1) The machine weight 21kgs and can easily be transported by two people
- 2) Powered by a Honda 100cc four stroke engine
- 3) Stroke of the unit 50mm
- 4) Approximate time for drilling 30mm hole in a 52kg rail is 45secs.
- 5) Spindle Arbor 19mm Weldon
- 6) Core drill 17mm - 36mm
- 7) Max depth of cut 30mm
- 8) Cutter speed 150 to 250 Rpm
- 9) Suitable for both 52kg & 60kg rail

The advantages of the Rail Drilling Machine

Rail Drilling Machine was developed by us purely to save costly foreign exchange as the Indian Railways are mostly buying imported equipment for the same.

Use / scope of the Machine

During new track laying and during maintaining existing tracks the rails have to be drilled for bolting two rails.

Even when the rail cracks sometime due to constant exposure to heat and cold the best way is to bolt the two tracks by putting a fishplate between the two rails.

If the crack is more than 3mm wide welding is also not permitted. Even if the crack occurs on a bridge again welding is permitted, at such a time only bolting is the option.

Our Rail Drilling machine is a very convenient option to do the drilling work right up to 36mm hole size.

Also our machine driven by a 100cc petrol start kerosene run engine the reason to do the same is that the broken / cracked rail could be anywhere where 220v or 120v electrical supply is not available, so the machine is petrol engine



Uses hollow core drill leading to very fast drilling time
time for drilling dia 36mm hole is 45 sec.



To see video of machine please visit our website at www.jinshaamachines.com