

LAKSHMI BRAND CONCRETE SLEEPER DRILLING MACHINE

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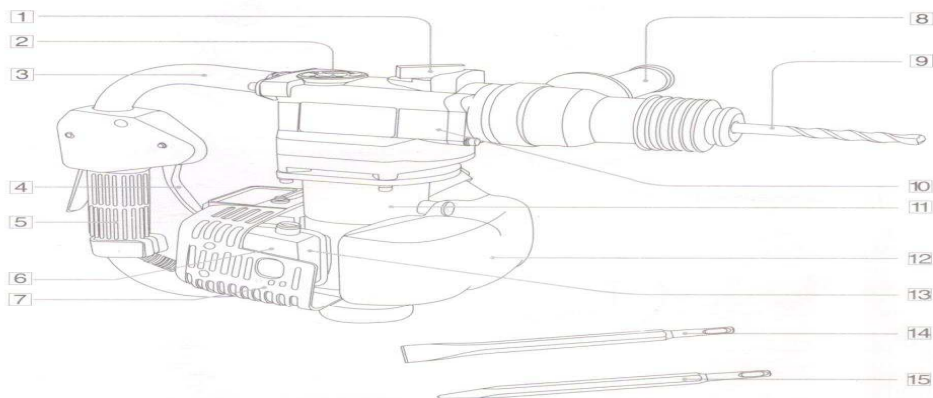
INTRODUCTION: - Concrete Sleeper Drilling Machine is an efficient machine in the hands of permanent way inspector which facilitates him with an easy drilling method while making holes in different types of Sleepers. The Machine requires the need of only one semi-skilled gang man as it is fitted with a strong engine for drilling operation and is also light in weight weighing only 08 K.g (approx.) which enables the machine to get carried away from one place to another at different Sites in no time. The machine has an efficiency to drill 30holes per hour in 28days cube strength Sleeper of min. 525k.g/c.m². Also, the machine is fast enough as time taken for drilling a hole in strong new sleeper is only 2-3 minutes.

POWER UNIT: - The prime mover is a strong Single Cylinder 0.6 litre two stroke Petrol run engine, capable of developing 750Watts when running at 500rpm under NTP conditions. The engine is completed with a pulling chord for recoil reaction start and it is air cooled.

DRILLING UNIT:- Drilling Unit comprise of an internal gear box provided with a automatic Clutch system which itself slips in case of jamming of the Drill Bit (Make- Hailer, Germany) thus avoiding jerk action to the user against the opposite torque.

This unit also comprise of a keyless chuck, which grips the bit from its end thus making it easy for the operator to remove or change the bit in no time.

ISOMETRIC DRAWING OF COMPLETE UNIT



- 1 Dual-function switch
- 2 Fuel filler
- 3 Handle frame
- 4 Fuel switch
- 5 Handle
- 6 Engine
- 7 Protection
- 8 Sub-handle

- 9 Drilling bit
- 10 Transmission case
- 11 Connection part
- 12 Oil Tank
- 13 Muffler
- 14 Flat chisel
- 15 Sharp-pointed chisel