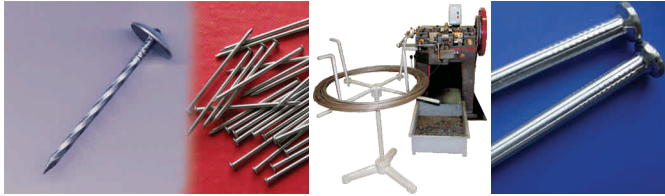


WIRE NAIL



Production capacity/annum

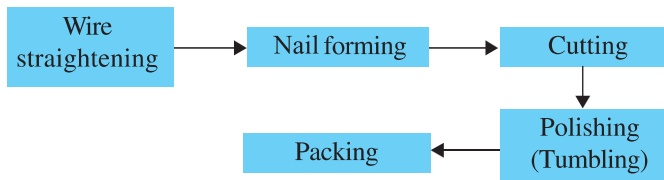
600 M.T.

Production process

The main raw material for making nails is hard drawn bright wire of 8 to 14 SWG. It is put on the automatic wire nail-making machine in the form of coils. The wire is gripped by the vice and head is formed. Required length is cut and point is made. These operations are automatic.

The nails are polished by tumbling them with sawdust in a drum.

Process flow chart



Machinery & equipment required

- Automatic wire nail making machine : 3 Nos.
- Nail polishing drum : 2 Nos.
- Tools and dies : 3 sets
- Tool-grinding machine : 1 No.

Raw material/consumables required

- Hard drawn bright wire of 8 to 14 SWG
- Polishing Material.
- Packing Material.

Utilities required:

- Power required (load) : 15KW
- Water Required (per shift basis) : Normal Supply.

Manpower required

- Supervisor : 1 No.
- Skilled Workers : 1 No.
- Unskilled Workers : 3 Nos.

Area required

- Total Area : 250 Sq. Mtr.
- Covered Area : 200 Sq. Mtr.

Investment required

- Machinery & Equipment : } ₹ 39.70 Lakhs
- Working Capital for 3 Months : }
(Raw material, utilities & salary)