

NAIL CUTTERS



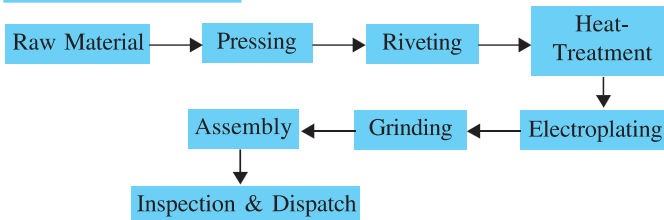
Production capacity/annum

15000 Gross.

Production process

Medium carbon steel strips of required width are taken and fed to the Power press and cut to sizes and shapes. The other press operations are also carried out in the other presses. The holes for riveting are punched with the help of press, and then the components are heat treated and electroplated. Radius and cutting edges are grinded with proper grinding wheel with the help of fixtures on double-ended grinder. Then the different components are assembled and dispatched.

Process flow chart



Machinery & equipment required

- Power Press 20 Tones
- Hand Press No.6
- Fly Press No.4
- Fly Press
- Electrically operated single chamber muffle furnace 300mm x 300mm x 450mm chamber size with quenching tank.
- Double-ended bench grinder with form wheel
- Electroplating plant complete with rectifier etc.
- Buffing and polishing machine
- Bench drill ½“ dia. Capacity
- Hardness Testing Machine
- Dies, fixtures, measuring instruments etc.

Raw material/consumables required

- Medium Carbon steel strip 16 to 18 SWG
- Outsourced item like rivets, pins etc.

Utilities required

Power required (load)	:	20 KW
Water required (per shift basis)	:	Normal Supply

Manpower required

Supervisor	:	1 No.
Skilled	:	2 Nos.
Unskilled	:	3 Nos.

Area required

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

Investment required

Machinery & Equipment	:	} ₹ 191.30 Lakhs
Working Capital for 3 Months (Raw material, utilities & salary)	:	

