

ALUMINIUM UTENSILS



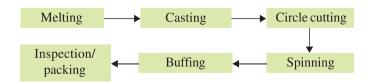
Production capacity/annum

300 M.T.

Production processs

Melting of aluminium ingots and scrap & casting into slabs with the help of cast iron moulds to sizes. Slabs are pre-heated and then rolled to intermediate gauge sheets/plates in the hot rolling mill. Sheets of finally required gauge are obtained by re-rolling in the cold rolling Mill. These sheets are cut into the shapes of square blank or circles. Feeding circles to Press/Spinning. Pressing different items, spinning operation for different items and surface finishing, finally storing and despatch.

Process flow chart



Machinery & equipment required

- Screw press-50T
- Circle cutting machine
- Spinning lathe
- Drilling machine
- Grooving machine
- Buffing machine
- Fly press No. 3 & 4
- Working tools and Dies
- Spares

Raw material/consumables required

- Commercial grade Aluminium
- Aluminium Scrap



Utilities required

25KW Power required(load) Water required (per shift basis) 500 Liters

Manpower required

Supervisor 2 Nos. Maintenance mechanic 1 No. Furnace operator 1 Nos. Rolling Mill Operator 2 Nos. Spinners 3 Nos. Skilled 3 Nos. Unskilled 8 Nos.

Area required

Total Area 550 Sq. Mtr. Covered Area 400 Sq. Mtr.

Investment required

Machinery & Equipment Working Capital for 3 Months (Raw material, utilities & salary)

₹93.10 Lakhs



23) Lift Top with L-Type Sland

being conducted at NSIC Training cum Incubation Centre, you may contact NSIC-TSC, Okhla Industrial Estate, New Delhi 110020, Ph.: 011-26826801