

## SPECTACLES FRAMES



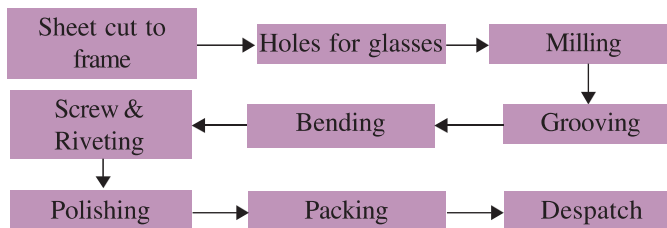
**Production capacity/annum**

10.8 Million Pieces

### Production process

Cellulose Acetate Sheet is cut into strip of the required size for frames and sides. Holes for glass fixing and the portion for nose fitting is cut out from the strip. After that inside and outside milling is done. Then grooving is done for fixing up the lenses. Required radius and slopes are given. Then dip in to moderate hot water and bent to the required shape on hand press. After polishing screws and riveting is done. Finally polishing & packing is done.

### Process flow chart



### Machinery & equipment required

- Shear Cutting Machine 1
- Milling Machine 1
- Wire Inserting Machine 1
- Drill Machine 1
- Polishing Drum 1
- Buffing Machine 1
- Hand Press 1
- Miscellaneous Tools & Equipment

### Raw material/consumables required

- Cellulose Acetate
- Other components like rivets etc.

### Utilities required

Power required (load)	:	5 KW
Water required	:	Normal Supply

### Manpower required

Office Staff	:	1 No.
Supervisor	:	1 No.
Skilled	:	5 Nos.
Unskilled	:	4 Nos.

### Area required

Total Area	:	100 Sq. Mtr.
Covered Area	:	100 Sq. Mtr.

### Investment required

Machinery & Equipment	: } ₹ 9.81 Lakhs
Working Capital for 3 Months (Raw material, utilities & salary)	

