

## **MACHINES FOR FINISHING PROCESS**

### **STENTERING**

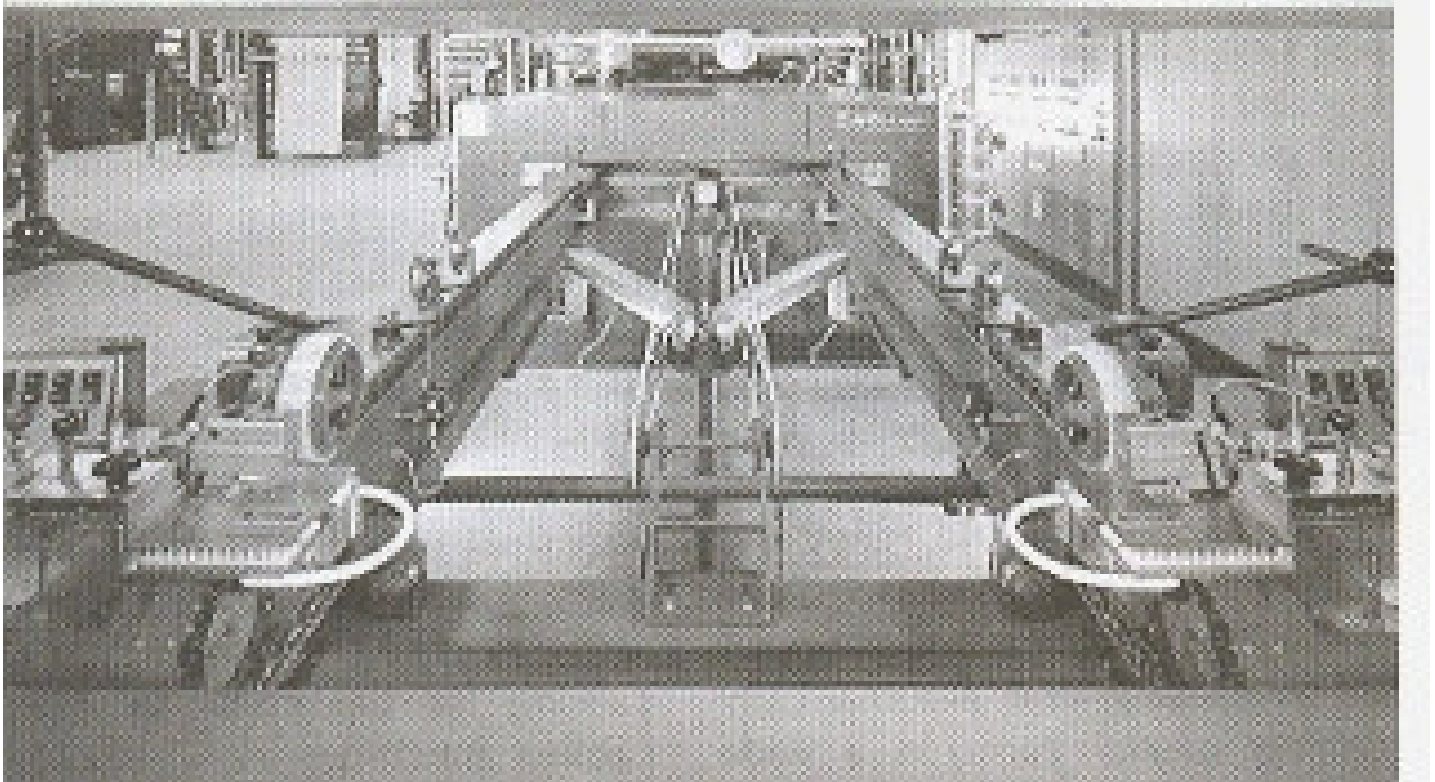
HARISH, SM, DHALL, SWASTIK - INDIA ( Rs.30 - 85 lakh )

BRÜCKNER, GERMANY (Rs.1 - 1.5 crore)

#### **Reason for wide variation in cost of stenter price depends on :-**

- Number of chambers
- Working width
- With or without compensator / padding mangle at the entry end and batching device at exit
- Various scale of automation may cost in thousands to lakhs of rupees
- Weft straightener cost may go upto Rs.25 lakh
- Quality of guide rolls may make a difference of thousands of rupees to more than a lakh (Cloth guider of two rolls set of Indian make may cost around Rs.25 - 30,000 whereas an imported one, E +L guider may cost around Rs.1.5 lakh - 2 lakh)
- Temperature controls may cost from Rs.1.5 lakh - 4 lakh
- Moisture controls may cost from Rs.2.5 lakh - 3.5 lakh
- Individual drive control for stenter chamber may cost upto Rs.7 lakh
- Batching device may cost Rs.2 - 2.5 lakh

POWER-LINE STENTER OF BRÜCKNER, GERMANY



### Salient Features of Power-Line Stenter Of Brückner, Germany

- Single layer stenter with new combined fresh air/exhaust air concept
- Automatic airflow control for minimizing energy consumption with ideal adjustments for volumes of fresh air and exhaust air for drying, heat setting and finishing
- Exhaust air humidity control and free air supply in individual compartments boost its drying capacity while minimizing consumption of process heat

### SUPRA 5 DLXI HOT AIR STENTER OF HARISH, INDIA



### **Salient Features of Supra 5 Dlx Hot Air Stenter of Harish, India**

- Design of blowers, radiators & nozzles improved for better airflow & heat transfer to give 20% more production with less power consumption
- High efficiency padding system to optimize pick up of finish liquor
- Improved overfeed mechanism by using ac inverter drive system: overfeed up to 40%
- Can run on thermic fluid, steam or direct gas firing
- Fabric conveyance by clips, pins or both
- Comes in various levels of automation for recipe management, control of process parameters, fabric handling etc.