

NEW FINISHING MACHINES

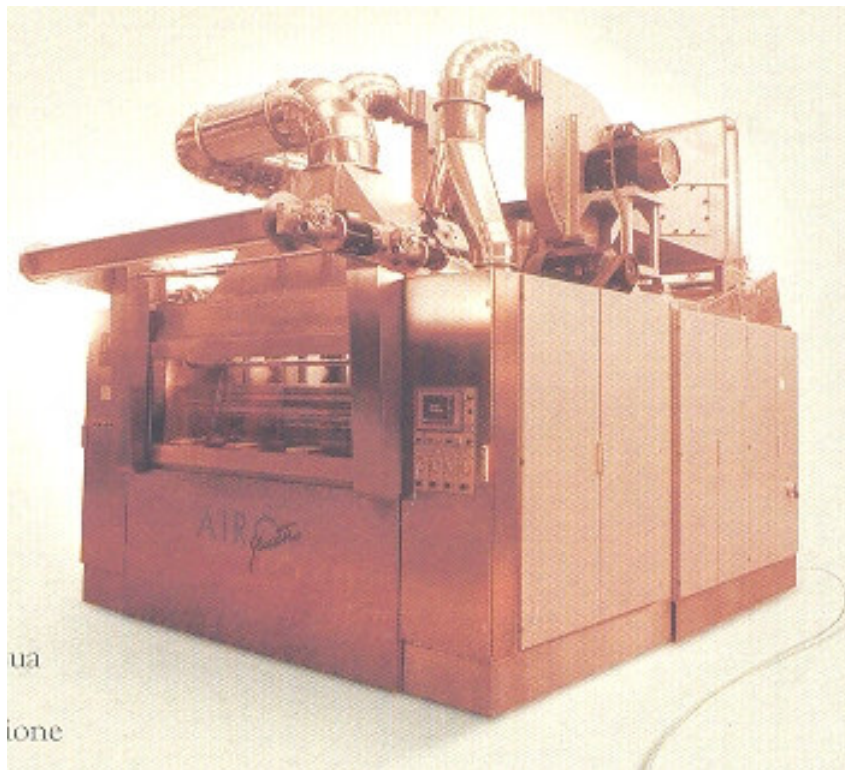
AIRO OF BIANCALANI, ITALY (RS.1.25 - 1.5 CRORE)

SUPER FINISHER OF HARISH, INDIA (RS.50 - 60 LAKH)

ROTORMAT (NOT POPULAR, FOR SOFTENING OF WOOLLEN FABRICS) OF
MAT, ITALY (RS.80 LAKH - 1 CRORE)

PLASMA TREATMENT MACHINE OF H.T.P. UNITEX, ITALY (RS.2 – 3
CRORE)

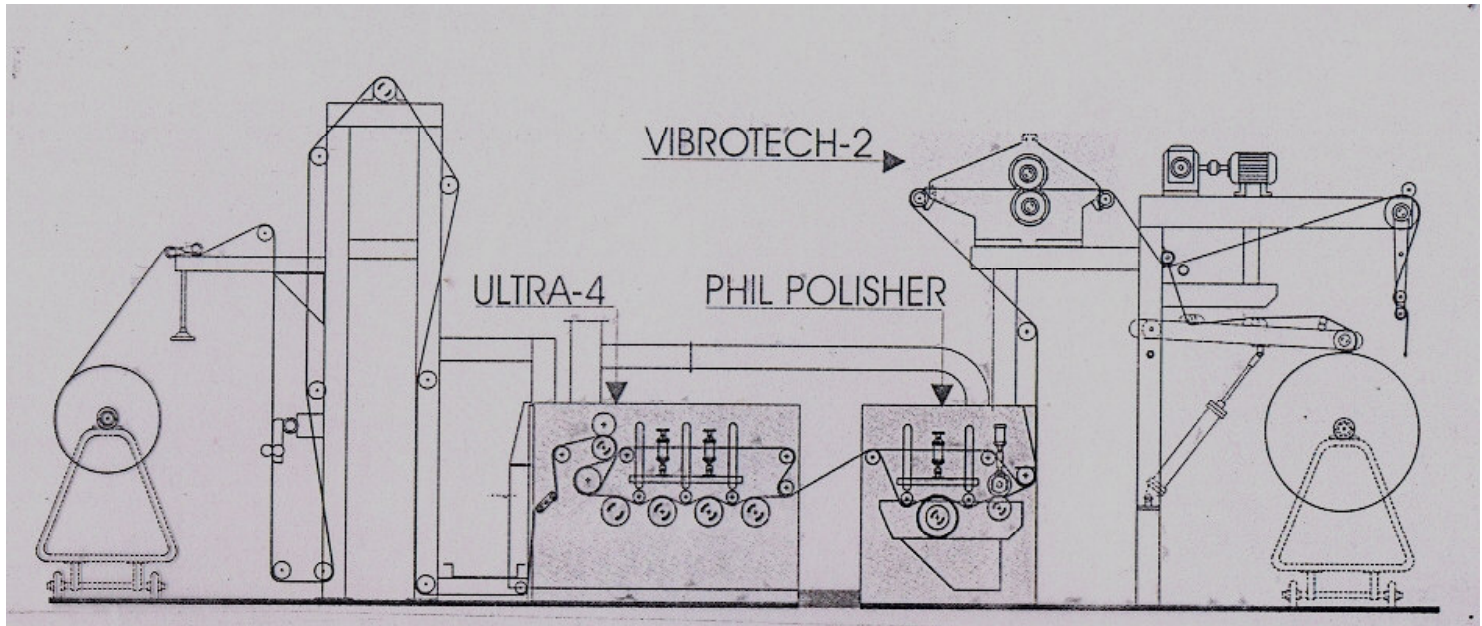
AIRO OF BIANCALANI, ITALY



Salient Features of Airo of Biancalani, Italy

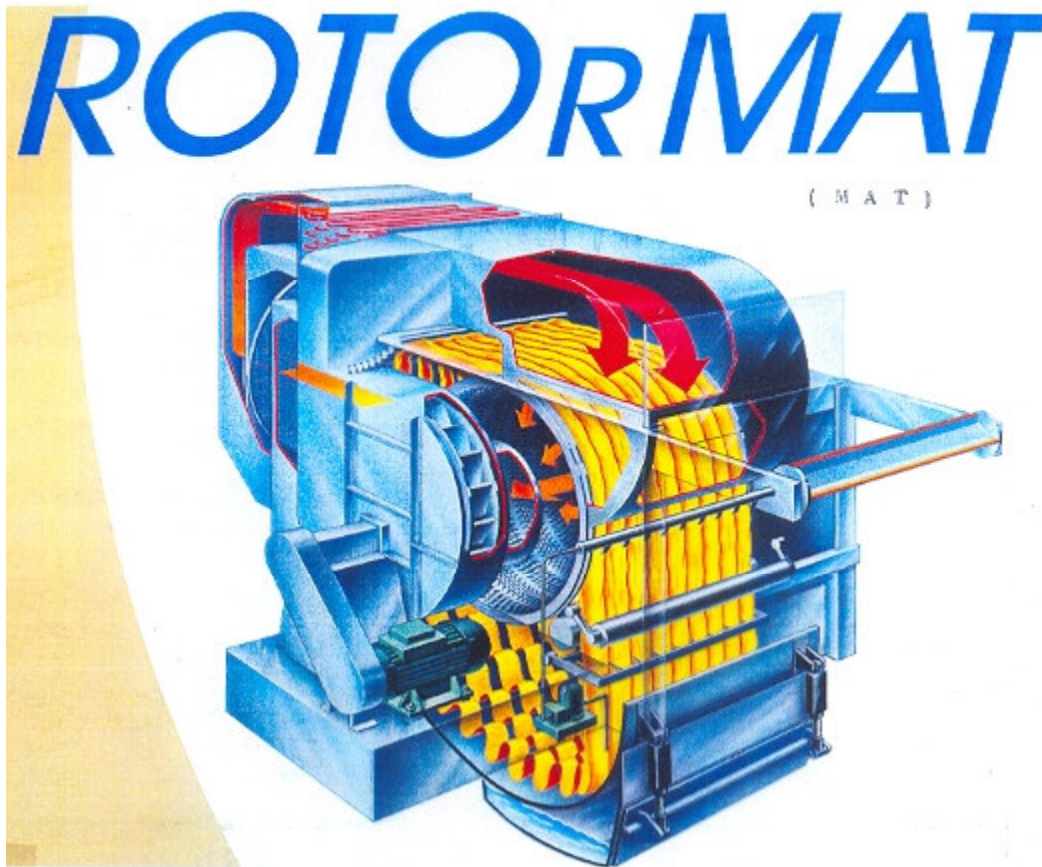
- Produces 'the inimitable Airo' hand and 'full lively hand with a gummy effect'
- Discontinuous process in rope form
- Air propulsion system for mechanical softening
- Fabric in pneumatic ejector tube moves at high speeds of 1000 mtr/min & discharges its accumulated kinetic energy against a grid at rear of machine; repetition of this process produces this effect
- Effect is uniform & repeatable as parameters are precisely controlled

SUPER FINISHER OF HARISH, INDIA



Salient Features of Super Finisher of Harish, India

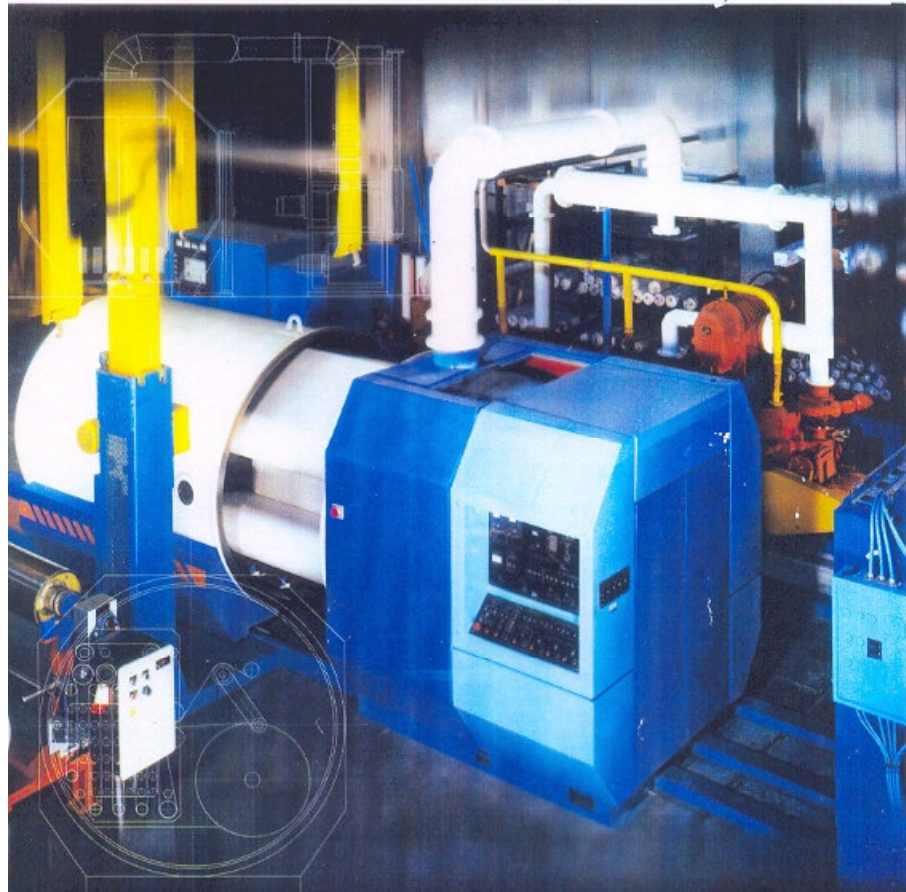
- For multiple finish – Sueding + Brushing + Cleaning with 3 modules:
- Ultra-4 – Emery module to give Peach-skin effect
- Phil-polisher – Rotating brush giving ageing effect, and
- Vibrotech-2 – Driven rolls give beating/brushing/cleaning



Salient Features of Rotormat of MAT, Italy

- Produces a variety of effects like 'Soft-pop', 'Designer look', 'Telluric effect' or 'Sand-washing effect' on cotton, linen etc.
- Produces 'silk effect' on polyester and attractive effects on wool and its blends
- Machine is of a large drum with perforated surface designed to drive fabric in rope form at speeds up to 1000 mtr/min
- A large fan sucks air from inside the drum and projects it in a loop circuit that blows it on the drum. This impact softens the fabric to produce the special effect

PLASMA TREATMENT MACHINE OF H.T.P. UNITEX, ITALY



Salient Features of Plasma Treatment Machine of H.T.P. Unitex, Italy

- Produces functional finishes like Shrink-proof, Dirt-repelling, Soil-releasing & Sterilizing
- Enhances hydrophilic absorbency
- Improves dye affinity
- Strengthens bonding power of pigments and coatings
- Cold plasma treatment (Below 50° C); speeds up to 50 mtr/min
- Uses glow discharge technology using various gases and process parameters for effects
- Environment-friendly: clean technology using only electricity