



AIRBAG FABRIC FINISHING LINE

Machine No: **MCH-000354**

Manufacturer	HANAYAMA KOGYO	Model	OS12-HTFD-ST8-2800
Year	2016	Condition	in very good condition



Product Description

HANAYAMA KOGYO - Model OS12-HTFD-ST8-2800

Complete Textile Washing, Drying and Stenter Finishing Line

Manufacturer: HANAYAMA KOGYO CO., LTD., Japan

Year: 2016 (according to available equipment documentation)

Model: OS12-HTFD-ST8-2800

Roller Width: 2,800 mm

Nominal Line Speed: 5-50 m/min

Typical Operating Speed: 20-30 m/min

Electrical Supply: 400 V / 60 Hz / 3-phase

Availability and Price: On request

Machine Description

Industrial textile finishing line designed for continuous washing, drying, heat treatment, width control and finishing of woven technical fabrics, including fabrics used in automotive airbag applications.

The line comprises fabric unwinding, fabric accumulators, washing sections, a multi-pass hot flue dryer, a stenter finishing machine, cooling equipment, fabric guiding and rewinding systems.

1. Fabric Unwinding and Infeed

- EHWHA GLOTECH unwinding equipment
- Fabric guiding and tension control
- Infeed fabric accumulator
- Stainless steel guide rollers
- Pneumatic fabric guiding components

2. Washing Section

- Continuous fabric washing system
- Multiple washing compartments
- Stainless steel guide rollers
- Fabric feeding and extraction equipment
- Pneumatic roller pressure systems
- Variable-speed drive equipment

3. Hot Flue Dryer

Manufacturer: TUNG YANG

Model: TY-HD-2600

- Roller width: 2,800 mm
- Working width: 2,600 mm
- Ten-pass fabric guiding system
- Saturated steam heating
- Maximum specified temperature: 140°C
- Forced hot-air circulation
- Automatic temperature control
- Insulated drying enclosure
- Variable-speed drives

The ten-pass fabric arrangement describes the fabric path and does not indicate ten separate drying chambers.

4. Stenter Finishing Machine

Manufacturer: EHWHA GLOTECH

- Industrial stenter for technical woven fabrics
- Gas-heated drying and finishing sections
- Chain-rail fabric transport
- Fabric width adjustment
- Pinning and guiding equipment
- Hot-air circulation and exhaust system
- Automatic controls
- Chamber length: approximately 3,000 mm each, according to machine information
- Ten fan motors reported, five on each side

5. Cooling and Fabric Delivery

- Cooling cylinder assembly
- Fabric guiding rollers
- Outlet accumulator
- Fabric tension control
- EHWHA GLOTECH center-drive rewinding equipment

6. Electrical and Control Equipment

- Mitsubishi PLC and inverter technology according to the line documentation
- Electrical control cabinets
- Operator control panels
- Variable-speed motor control
- Pneumatic control components

Applications

- Automotive airbag fabrics
- Technical woven fabrics
- Industrial textile washing and finishing
- Fabric drying and heat treatment
- Continuous textile finishing processes

Product Images



Image 2



Image 3



Image 4

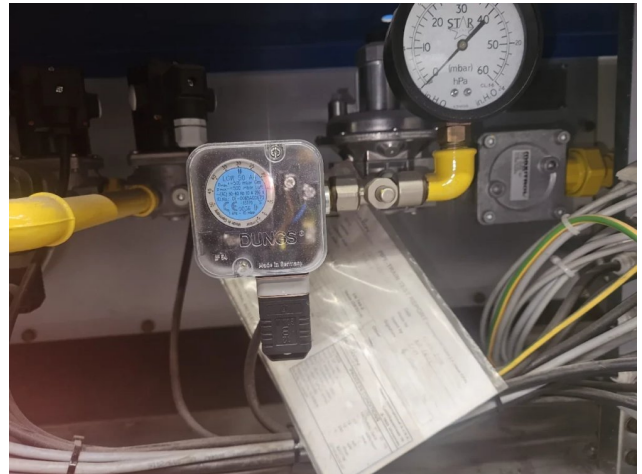


Image 5

Product Images

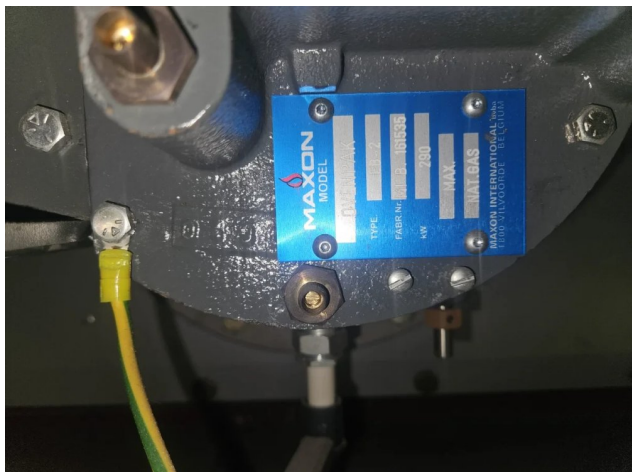


Image 6



Image 7



Image 8



Image 9

Product Images



Image 10



Image 11



Image 12



Image 13

Product Images



Image 14



Image 15



Image 16



Image 17

Product Images



Image 18



Image 19



Image 20



Image 21

Product Images



Image 22



Image 23



Image 24



Image 25

Product Images



Image 26



Image 27