



ПЯТЫЙ ПАРТНЕР

WASH-X 1850 DD+SF

QUOTATION

Continuous Fabric Coating and Washing Machine

Wash-X-1850

With 2nd cold water tank and double dryer
and Coating/Softener applicator

TECHNICAL DATA:

	Units	
Fabric Maximum Width	mm	2*760/30" or 1850/72"
Max. Temperature	C	180
Maximum Speed	m/hr	180 (linear meters)
Machine Length	m	5.5
Machine Width	m	2.7
Machine High	m	2.2
Mix Tank Capacity Coating	L	75
Wash tank Capacity	L	340
Coating/Softener tank	L	340
Power Supply		380V/415, 50Hz 3 phase, neutral, earth wire 208/220V, 60Hz, 3 phase, earth
Power Consumption	kW	35.0
Water Consumption	L	400
Air Supply	L/min	1500 at 6 Bars
Fabric Roll Diameter	mm	300

Note: Quoted speed values are dependent on material weight, quality and thickness.

CONSISTING OF:

FABRIC FEEDER

- Fabric unwinding device with fabric tension roller for fabric rolls of 350mm or from A-frame
 - Driven pulling roller coated by non-slipping tape
 - Fabric join bar with needle holder

WASHING

Stainless steel coating unit

- This unit could handle fabrics of width up 1850mm.
- The speeds of washing and speed of fabric are adjustable according to used fabric to eliminate tension.
- Cold water tank with:
 - Air agitation and auto/manual chemicals supply
 - Air operated water pump for mixing the water inside the cold-water tank.
 - Sets of squeezing rollers with pressure regulation between cold and hot water tanks
 - Auto/manual water recirculation and release
 - Automatic level control
- Hot water tank, with air agitation and auto/manual washing chemicals supply
 - Air operated water pump for mixing the water inside the cold-water tank.
 - Two sets of squeezing rollers with pressure regulation
 - Auto/manual water recirculation and release
 - Two electrical heating element for water heating in hot water tank
 - Temperature controller for water temperature regulation
 - Automatic level control
 - Automatic air and water agitation inside the tank
- Double spray wash system
 - 2 sets of squeezing rollers with pressure regulation to remove water from the fabric
 - Set of high frequency/pressure pulsating spray nozzles with adjustable fabric width coverage
 - Separate water tank for spray nozzles water supply, including water level control
 - Separate water pump for spray nozzle water supply to eliminate water pressure drops
 - Used water from spray nozzles is recycled into cold water tank
- Fabric coating/softener applicator
 - Coating/softener tank with set of removable rollers inside tank. Tank capacity is design to suit high speed of the machine
 - Sets of squeezing rollers with pressure regulation to adjust chemicals pick-up amount
 - Separate liquid tank including air mixer/stirrer allow easy exchange of used coating formula.
 - Air operated pump is providing constant supply of chemicals into the coating/softener tank and the level controlled is by level switch.
- Mechanical valve for chemicals release and cleaning of the coating/softener tank

DRYER

- Two section infrared dryer; double walled and fully insulated to minimize any heat loss.
- The heating and regulation are controlled via a digital temperature controller situated on the electrical cabinet
- Small exhaust fan is situated on the top side of the dryer of each dryer section.
- Set of additional fans for inside air circulation

BATCHING

- 2 30" fabric re-winders which can accommodate rolls up to 300 mm diameter and includes automatic speed control, which is regulated by PLC analogue output.
- Additional re-winder of 1850/72" if full fabric width is used
- Each unit consists of scroll roller and one side fabric edge alignment control.

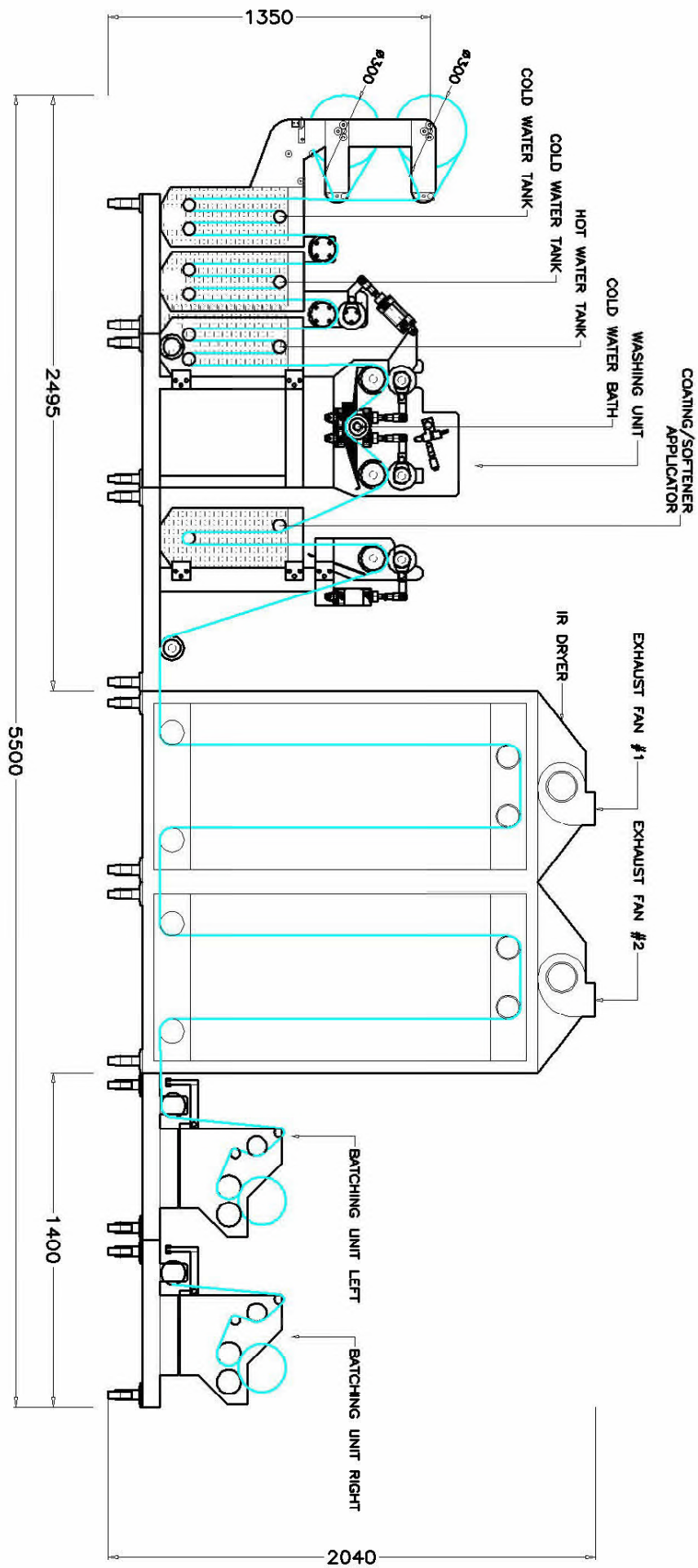
All functions of the machine are controlled by PLC with programmable terminal (touch screen) in auto and manual mode. The control panel is located on the side of the dryer in easy to reach position.

OPTIONAL FEATURES

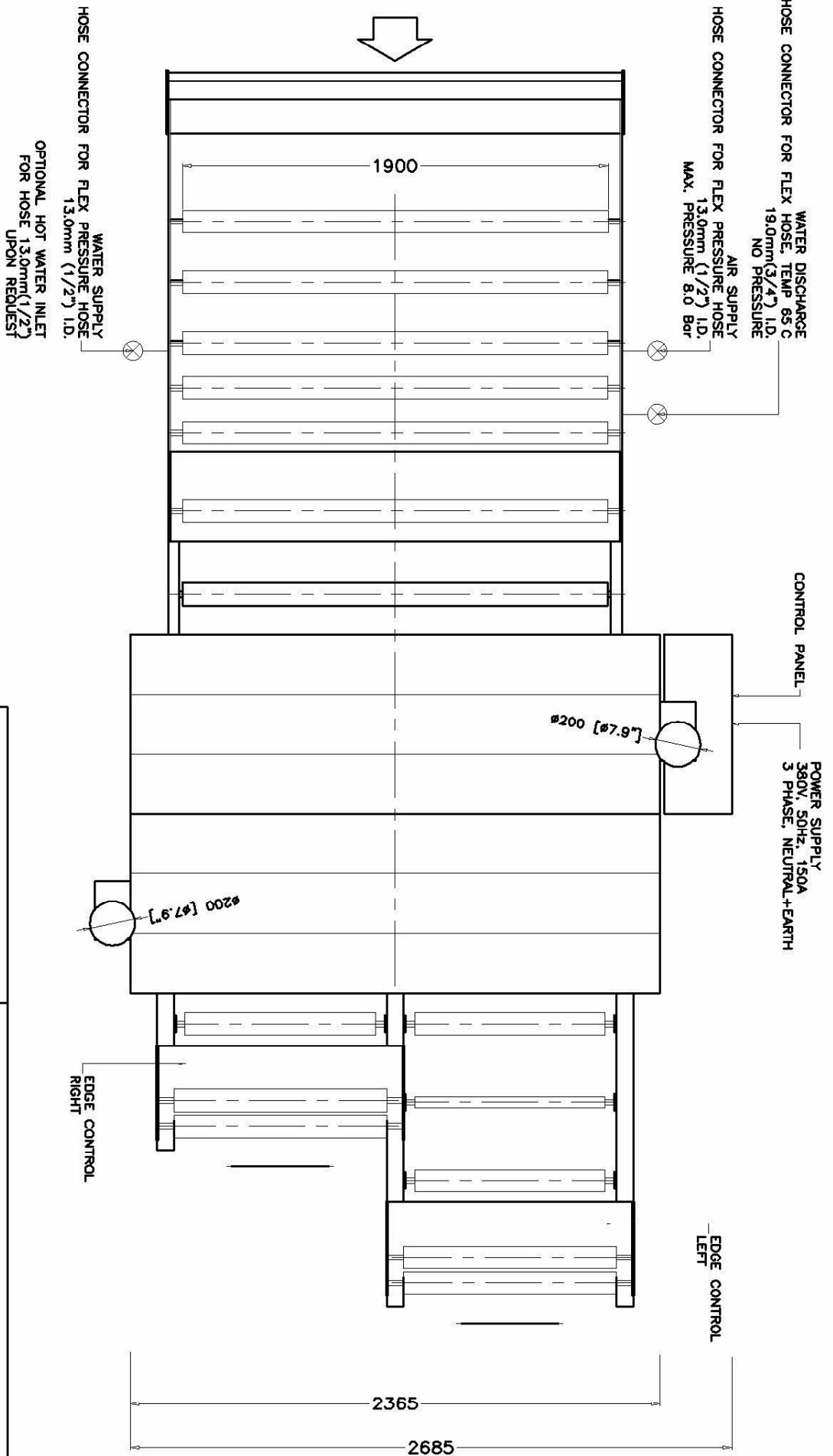
Fabric softener applicator
Edge Fabric decurlers
Set of recommended spare parts
On-site installation and training

NOTE: 'Terms & Conditions of Trade are part of this Quotation and they are available upon request'.





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