ПЯТЫЙ ПАРТНЕР

HS WASH-X 1850 DD

QUOTATION

Continuous Fabric Coating and Washing Machine
Wash-X-1850
With 2nd cold water tank and double dryer

ПЯТЫЙ ПАРТНЕР   текстильное оборудование   info@textile-printer.ru   (495) 646-04-44   www.textile-printer.ru **Wash-X 1850+2nd+DD**

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TECHNICAL DATA:

	Units	
Fabric Maximum Width	mm	1850/72"
Max. Temperature	C	180
Maximum Speed	m/hr	230 (linear meters)
Machine Length	m	4.0
Machine Width	m	3.0
Machine High	m	2.1
Mix Tank Capacity Coating	L	75
Wash tank Capacity	L	475
2nd tank Capacity	L	475
Power Supply		380V/415, 50Hz 3 phase, neutral, earth wire 208/220V, 60Hz, 3 phase, earth
Power Consumption	kW	81.0
Water Consumption	L	350
Air Supply	L/min	1500 at 6 Bars
Fabric Roll Diameter	mm	350

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
    - 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 2600mm.
- 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 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 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
- Mechanical valve for chemicals release and cleaning of the coating/softener tank

COATING

Stainless steel coating unit
- This unit could handle fabrics of width up 2600 mm.
- The speeds of coating and speed of fabric are adjustable according to used fabric to eliminate tension.
- Fabric coating/pre-treatment
    - Separate liquid tank including air stirrer for coating tank refilling.
    - Air operated pump is providing constant supply of chemicals into the fabric coating tank and the level controlled by level switch.
- Set of manual valves for discharge of unused chemicals and recycling.

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
- Exhaust fan is situated on the top side of the dryer of each dryer section.
- Set of additional fans for inside air circulation

BATCHING

- Fabric re-winders which can accommodate rolls up to 350 mm diameter and includes automatic speed control, which is regulated by PLC analogue output.
- 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
3rd Cold Water Tank
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'.
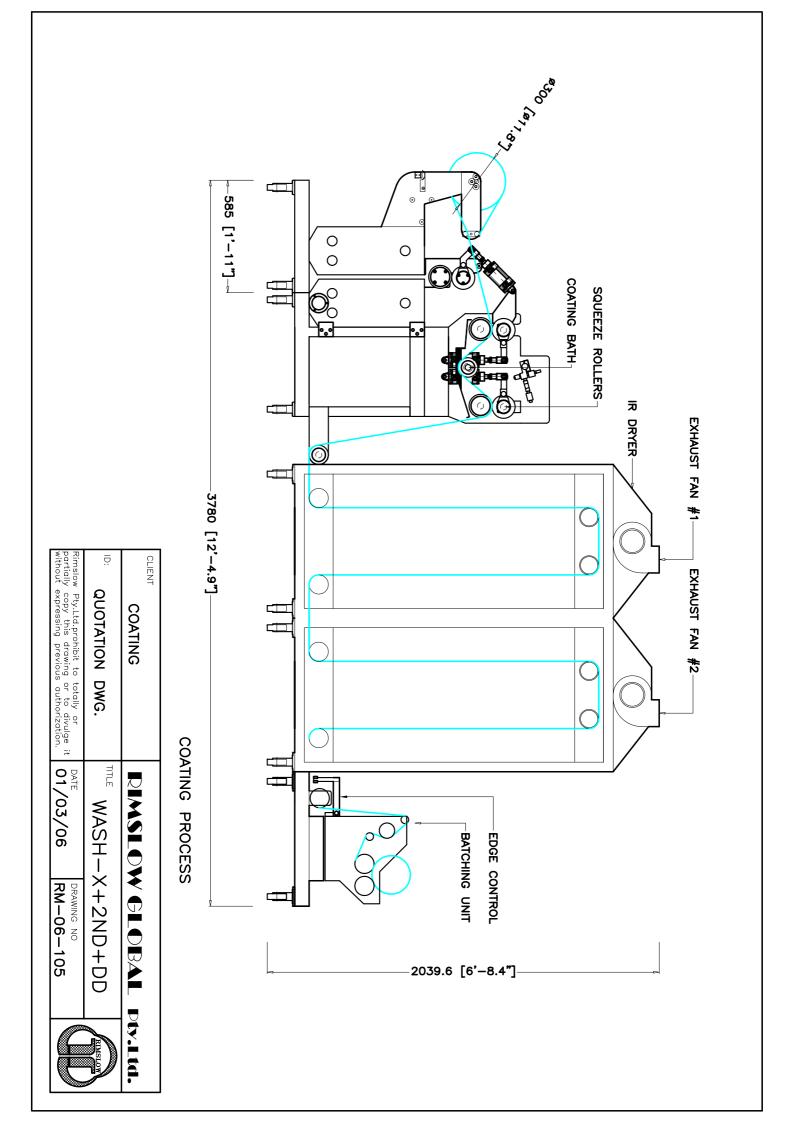
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WASH-X

ø300 [ø11.8"]

585 [1'-11"]

3780 [12'-4.9"]

2039.6 [6'-8.4"]

SQUEEZE ROLLERS

COATING BATH

IR DRYER

EXHAUST FAN #1

EXHAUST FAN #2

EDGE CONTROL

BATCHING UNIT

COATING PROCESS

CLIENT		TITLE		
COATING		**RIMSLOW GLOBAL Pty.Ltd.**		
ID:		WASH-X+2ND+DD		
QUOTATION DWG.	DATE		DRAWING NO	
	01/03/06		RM-06-105	

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WASHING PROCESS

ø300 [ø11.8"]

COLD WATER TANK

HOT WATER TANK

WASHING UNIT

IR DRYER

EXHAUST FAN #1

EXHAUST FAN #2

EDGE CONTROL

BATCHING UNIT

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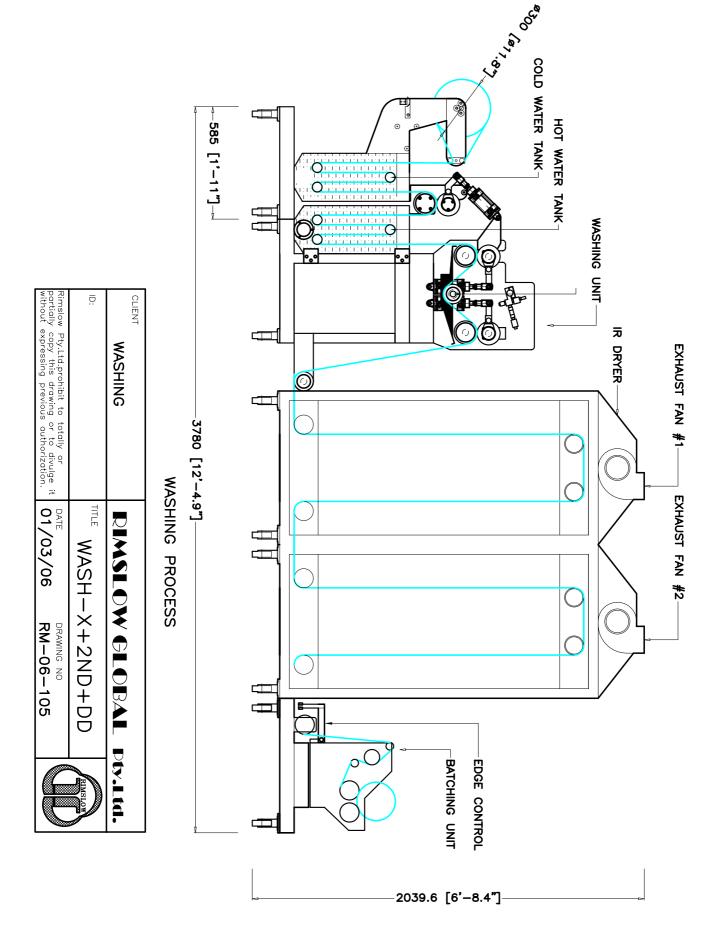| CLIENT	WASHING		
ID:		TITLE	DATE

RIMSLOW GLOBAL Pty.Ltd.

WASH-X+2ND+DD

DATE 01/03/06

DRAWING NO RM-06-105

Страница
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