

1800mm Gas heat Stenter machine Configuration

GENERAL:	1.Model	20178866 (Monforts/Montex IL-Sun copy)
	2.Working width	700~1800mm
	3.Roller	2000mm
	4.Machine Speed	110 m/min Maximum, regular 100 m/min
	5.Number of chamber	8 (Length of every chamber 3000mm)
	6.Cloth-Holding from	Clip
	7.Heating source	Natural Gas
	8. Machine color	Blue and white Mosaic color
	9: Machine length	43mts
1. CLOTHES ENTRANCE:	1 Set Photo-Electric Centering Device.	
	2 Guide rollers of SS-304	
	1 Swivel tension device	
	1 Mild steel channel & frame	
2.BOWLS HEAVY PADDING MANGLE:	2 Synthetic rubber covered mangle, driven by 15kw AC motor with reducer of special gear box type. 10 tons pneumatic pressure with air regulator. (Inverter: YASKAWA)	
	2 Guide rollers of SS-304	
	1 Screw expand roller with 0.75kw geared motor OR 1 Curved rubber expand roller with gearbox	
	1 Single stainless V-shaped trough movable up to down by air cylinder OR 1 Single stainless U-shaped trough	
	1 Dancing roll type synchronize device (KOREA) OR 1 Air cylinder rotary type synchronize device(KOREA)	
	1 200L mixing tanks	
3. CLOTH INLET PART:	1 Adding pump	
	1 Feed-in rubber covered roller	
	1 Guide roller of SS-304	
	1 Screw expand roller	
	1 Guide roller of SUS304 for manual type weft straightener	
4. OVER-FEED PART:	1 3.7kw P.M. motor with gear box (INVERTER:YASKAWA)	
	1 Over-feed rubber covered roller	
	1 3.7kw P.M. motor with gear box (INVERTER: YASKAWA)	
5. PINNING PART:	1 Over-feed controller	
	2 Pinning rubber rollers	
	2 Pinning brush rollers	
	2 Stainless Counter rollers	
	2 0.75kw P.M. motor with gear boxes(INVERTER: YASAKWAA)	

6. AUTOMATIC SELVEDGE FEELING & CONTROL DEVICE:	1 Rack gear driving unit
	2 0.55kw AC motor with gear boxes(INVERTER:YASKAWA)
	1 Photo-cell & touch combined type selvedge feeler.(KOREA)
7. OTHER MISCELLANEOUS PART:	2 Pail safety devices with limit switch
	2 Guider Selvedge decurler OR 2 Flat Selvedge decurler
	1 Entrance operating panel including color monitor
	1 Digital type speed meter
	1 Main/front width digital indicator
	1 2.2kw AC geared motor for main width
	1 0.37kw AC geared motor for front width
	2 Air type chain oil lubricating system
	1 Pump inject type chain oil lubricating system
8. DRYING & HEAT SETTING CHAMBER (EACH 3M LONG):	(1)150mm thick insulation board filled with glass wool and packing for high efficient insulation
	(2)Air curtain system to keep hot air in entrance/exit.
	(3)Air cushion floating nozzle system
	(4)Hot air circulation system
	a.Turbo fans (2sets per chamber) with special heat-proof bearings and seals; special hot air guide vane of fans for even balance of hot air distribution.
	b.7.5kw 4P AC motor (2sets per chamber) for circulation fan
	c.Damper to adjust hot air pressure of upside and downside nozzle (2sets per chamber)
	d.Inverter drivers for hot air circulation fan motors (1set per chamber)
	e.Air filters (2sets per chamber)
	(5) Opening doors (2sets per chamber)
(6) Stop-mark prevent device(2sets per chamber)	
9. EXHAUST PART:	6 2.2kw Exhaust fans with duct for machine itself
	4 3.7kw inverter drivers for exhaust motors number 1,2+3,4+5 & 6
10. AUTOMATIC TEMPERATURE CONTROL SYSTEM:	6 Automatic temperature controllers (OMRON)
11. AIR COOLING DEVICE:	1 Air cooling chambers
	1 5.5kw turbo fan with special nozzle
12. WATER COOLING DEVICE:	2 Cooling cylinders Ø570mm dia, with rotary joint and hoses
	1 3.7kw geared motor and inverter driver

13. OUTLET BOX :	2 Cloth detaching plate and bar
	2 18.5kw AC motors for main drive with inverter driver
	2 Cloth safety device(2 limit switch)
	1 0.37kw AC geared motor for rear width
	1 Digital type speed meter
	1 Main/rear width digital indicator
	1 3.7kw geared motor and inverter for delivery roller
	1 Outlet Over-feed controller for Delivery roller,Cooling cylinders,Drawing roller and/or batching.(KOREA)
14. PLAITING DEVICE:	2 Drawing rubber coverde rollers
	1 1.5kw AC motor for drawing roller with inverter driver (Motor:CPG TAIWAN, INVERTER:YASKAWA)
	2 Guide roller of SUS304
	1 Plaiting device
	1 1.5kw geared motor with inverter for plaiting movement Motor:CPG TAIWAN, INVERTER:YASKAWA)
	1 Anti-Static
	1 Complete Batching device.
15. MAIN CONTROL PANEL	COMPLETE SET
16. EXTRA SPARE PARTS:	1. Swivel joint/rotating joint: 1 pcs
	2. Synchronous control board: 1 Pcs
	3. rolling bearing oil seal: 4 Pcs
	4. bar : 100pcs
	5. Lap: 20pcs
	6. main chain: 20pcs
	7. The guard hair brush wheel: 4pcs
	8. The needle rubber wheel: 2pcs
	9. Heat meter/temperature sensor (PT100Ω): 2 pcs
	10. The host encoder: 1 cps
	11. Width encoder: 1pcs
	12. Padder immersion roller graphite bearing: 4pcs
	13. Edge spreader leather belt: 4 pcs
	14. contactor: 4pcs
	15. thermorelay: 4pcs
	16. Intermediate relay: 10pcs
	17. Button switch: 4pcs
	18. Scram button: 4pcs
	19. Hot air filter: 1 set
	20. tools: 1 Set

17. IMPORTANCE PARTS ORIGIN:	1. TOUCH SCREEN: WEINVIEW (TAIWAN)
	2. MAIN MOTOR INVERTER: FUJI (JAPAN)
	3. BURNER: HANKFEUER (U.K)
	4. TEMPERATURE METER: OMRON (JAPAN)
	5. LOW-VOLTAGE ELEMENT: SCHNEIDER (FRANCE)
	6. PLC: OMRON (JAPAN)
	7. ENCODER: OMRON (JAPAN)
	8. OPERATION BUTTON: SCHNEIDER (FRANCE)
	9. POWER SWITCH: MV (TAIWAN)
	10. PHOTO-ELECTRIC SWITCH: AUTONICS(KOREA)
	11. SPEED METER: IL SUNG (KOREA)
	12. PATHWAY: XTY (CHIAN)
	13. INFRARED SENSOR: KOREA
	14.OVER-FEED: KOREA
18. REMARKS:	The red color line is need to select from customer.

19. MACHINE VIEW(1):



MACHINE VIEW(2):

