



Chest heated ironer for on-premises laundry applications

CL 500



Features

- Roll
 - Made out of perforated steel with springs and clothed with polyester needlefelt
 - Strong construction for resisting pressure
 - Ventilation holes over the entire length: optimal moisture removal
- Flexible chest
 - One single piece, laser-welded
 - Heated by circulation of thermal oil or direct steam
 - 200° surface circumference of the roll
- Hydraulic pressing of the chest
 - Fully adjustable & constant pressure between chest and roll thanks to an integrated hydraulic pump
 - Optimal contact between chest and roll
 - Maximum efficiency - higher productivity
- Electric & gas heating
 - Equal temperature over the entire width of the chest
 - Very slow heat loss and fast build-up of the temperature
 - High production by constant temperature
 - Easy installation and start-up
- Steam heating
 - Direct steam from external supply
 - Flex chest: 2 layers of steel (bended & robot-welded)
- Linen return - 'Return feed' principle (standard)
 - Possibility for installation against a wall: space-saving
 - Possibility for 1 person to operate the ironer

Options

- Linen return - 'Pass-through' principle
 - 60 cm-deep delivery table at the back of the ironer
 - Higher productivity
- Easy Clamp feeding system
 - Clamping by air pressure
 - Automatic spreading by clamps after introduction of corners
 - Programmable clamp action, speed, pressure

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Roll diameter	500 mm
Chest	
Length	873 mm
Width	1750 / 2000 / 2200 / 2500 / 3000 / 3300 mm
Surface	1,53 / 1,75 / 1,92 / 2,18 / 2,62 / 2,88 m ²
Normal ironing speed	1,5-5,5 m/min
High ironing speed (optional)	3,5-12 m/min
Average output/production (elec. & gas)	
50% residual moisture	65 / 75 / 82 / 95 / 115 / 125 kg/h
45% residual moisture	72,2 / 83,3 / 91,1 / 105,6 / 127,8 / 138,9 kg/h
25% residual moisture	130 / 150 / 164 / 190 / 230 / 250 kg/h
Evaporation*	32,5 / 37,5 / 41 / 47,5 / 57,5 / 62,5 l/h
Average output/production (steam)	
50% residual moisture	58 / 67 / 74 / 85 / 103 / 112 kg/h
45% residual moisture	64 / 74 / 82 / 94 / 114 / 126 kg/h
25% residual moisture	116 / 134 / 148 / 170 / 206 / 224 kg/h
Evaporation*	29 / 33 / 37 / 42 / 52 / 56 l/h
Operation	
Maximum width of linen	Width of chest - 2%
Maximum temperature	200 °C
Minimum temperature	150 °C
Table height (pass through)	915 mm
Electric heating	
Fan motor	0,25 kW / 2830 rpm
Roll motor	0,37 kW / 1370 rpm
Roll motor (high speed option)	1,5 kW / 1390 rpm
Hydraulic pump motor	0,37 kW / 1375 rpm
Oil circulation pump	2,2 kW / 2880 rpm
Heating	30 / 30 / 35 / 40 / 45 / 45 kW
Voltage	380-400V/50Hz/3 + N
Amps electric heating	50 / 50 / 63 / 63 / 80 / 80 A
Gas heating	
Gas inlet	1/2 "
Exhaust	90 mm
Gas pressure	20 mbar
Consumption	34 / 39 / 43 / 50 / 60 / 65 kW/h
Consumption	29.276 / 33.781 / 36.945 / 42.783 / 51.593 / 56.294 kcal/h
Amps gas heating	16 A
Steam heating	
Steam pressure	min 6 - max 12 bar
Steam connection	5/4 "
Condense connection	3/4 "
Consumption @ 12 bar	63 / 74 / 81 / 93 / 113 / 123 kg/h
Consumption @ 10 bar	58 / 67 / 74 / 85 / 103 / 112 kg/h
Consumption @ 8 bar	52 / 60 / 66 / 76 / 93 / 101 kg/h
Consumption @ 6 bar	47 / 54 / 60 / 68 / 84 / 91 kg/h
Amps steam heating	16 A
Dimensions return feed model (HxWxD)	1200x2600x1195 mm / 1200x2850x1195 mm / 1200x3050x1195 mm / 1200x3350x1195 mm / 1200x3850x1195 mm / 1200x4150x1195 mm
Dimensions pass-through model (HxWxD)	1200x2600x1715 mm / 1200x2850x1715 mm / 1200x3050x1715 mm / 1200x3350x1715 mm / 1200x3850x1715 mm / 1200x4150x1715 mm
Packing dimensions (HxWxD)	1300x2700x1195 mm / 1300x2950x1195 mm / 1300x3150x1195 mm / 1300x3450x1195 mm / 1300x3950x1195 mm / 1300x4250x1195 mm
Volume	4,19 / 4,58 / 4,89 / 5,36 / 6,14 / 6,60 m ³
Net weight	1050 / 1250 / 1320 / 1400 / 1525 / 1650 kg
Gross weight	1090 / 1290 / 1360 / 1440 / 1570 / 1690 kg

* Standard testing values: 180g/m², 50% humidity, 50/50 poly-cotton sheets, 80% use of the machine