



Chest heated ironer for on-premises laundry applications

CL 800



Features

- Roll
 - Made out of perforated steel with springs and clothed with 2 layers of polyester
 - 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
 - 206° 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 - 'Pass-through' principle (standard)
 - 60 cm-deep delivery table at the back of the ironer
 - Higher productivity

Options

- Linen return - 'Return feed' principle
 - Possibility for installation against a wall: space-saving
 - Possibility for 1 person to operate the ironer
- 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	800 mm
Chest	
Length	1440 mm
Width	1750 / 2000 / 2200 / 2500 / 3000 / 3300 mm
Surface	2,52 / 2,88 / 3,81 / 3,6 / 4,32 / 4,75 m ²
Normal ironing speed	3-12 m/min
High ironing speed (optional)	3,5-16 m/min
Average output/production (elec. & gas)	
50% residual moisture	132 / 152 / 166 / 189 / 227 / 250 kg/h
45% residual moisture	145 / 167 / 182 / 208 / 249 / 275 kg/h
25% residual moisture	264 / 304 / 332 / 378 / 454 / 500 kg/h
Evaporation*	66 / 76 / 83 / 94,5 / 113,5 / 125 l/h
Average output/production (steam)	
50% residual moisture	123 / 141 / 154 / 175 / 211 / 232 kg/h
45% residual moisture	135 / 155 / 169 / 192 / 232 / 255 kg/h
25% residual moisture	246 / 282 / 308 / 350 / 422 / 464 kg/h
Evaporation*	61,5 / 70,5 / 77 / 87,5 / 105,5 / 116 l/h
Operation	
Maximum width of linen	Width of chest - 2%
Maximum temperature	200 °C
Minimum temperature	150 °C
Table height (pass through)	930 mm
Electric heating	
Fan motor	0,75 kW / 2840 rpm
Roll motor	2,2 kW / 1410 rpm
Roll motor (high speed option)	4 kW / 1430 rpm
Hydraulic pump motor	0,37 kW / 1375 rpm
Oil circulation pump	3 kW / 2890 rpm
Heating	60 / 60 / 60 / 75 / 90 / 90 kW
Voltage	380-400V/50Hz/3 + N
Amps electric heating	100 / 100 / 100 / 125 / 160 / 160 A
Gas heating	
Gas inlet	3/4 "
Exhaust	125 mm
Gas pressure	20 mbar
Consumption	69 / 79 / 87 / 99 / 125 / 131 kW/h
Consumption	59.460 / 68.387 / 74.715 / 85.032 / 108.074 / 112.588 kcal/h
Amps gas heating	40 A
Steam heating	
Steam pressure	min 6 - max 12 bar
Steam connection	5/4 "
Condense connection	3/4 "
Consumption @ 12 bar	108 / 124 / 135 / 154 / 185 / 204 kg/h
Consumption @ 10 bar	98 / 112 / 123 / 140 / 168 / 185 kg/h
Consumption @ 8 bar	89 / 101 / 111 / 126 / 152 / 167 kg/h
Consumption @ 6 bar	79 / 91 / 100 / 113 / 137 / 150 kg/h
Amps steam heating	40 A
Dimensions (HxWxD)	1415x2910x2035 / 1415x3160x2035 / 1415x3360x2035 / 1415x3660x2035 / 1415x4160x2035 / 1415x4460x2035 mm
Packing dimensions (HxWxD)	1515x3010x1755 / 1515x3260x1755 / 1515x3460x1755 / 1515x3760x1755 / 1515x4260x1755 / 1515x4560x1755 mm
Volume	8 / 8,67 / 9,2 / 10 / 11,33 / 12,12 m ³
Net weight	2000 / 2200 / 2600 / 2800 / 3100 / 3400 kg
Gross weight	2030 / 2230 / 2630 / 2830 / 3130 / 3430 kg

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