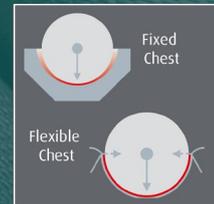
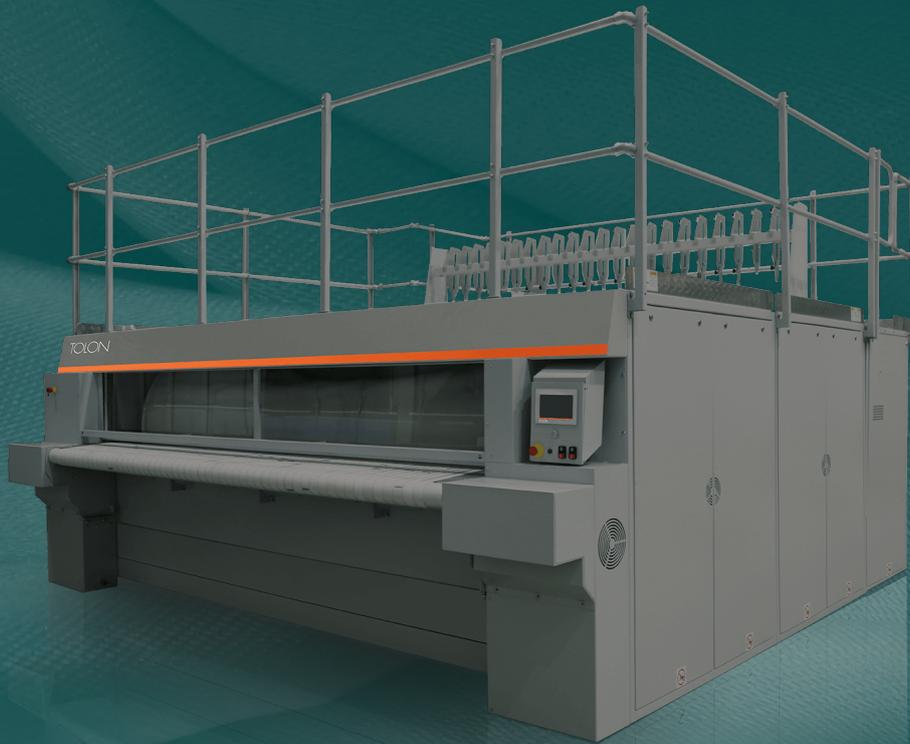


CHEST IRONERS

T15



STANDARD FEATURES & BENEFITS

- Flexible chest ironers are known for providing the highest quality ironing results with excellent energy consumption.
- The flexibility of the chest allows it to adapt to the actual roll diameter, maintaining an optimal and stable contact angle for a higher evaporation capacity and long-lasting high-quality performance.
- Compared with stainless steel, carbon steel offers lower friction with wet linen and has higher thermal conduction, maintaining higher and more even temperatures for higher quality ironing results.
- Planetary gear minimizes the counter torque and ensures that the roll will stay in its centered position during operation.
- Exhaust control reduces moisture in padding to maintain evaporation performance and to prevent the roll from cooling down
- Adjustable speed with adjustable V-belt pulleys
- Relatively low weight of flexible chest allows faster and more energy efficiency heat up
- Heated by gas-fired burner (steam-free)
- An oil expansion tank connected to the heat exchanger
- Oil heating medium up to 40% higher heat transfer efficiency
- Chest temperature up to 230° C (40° C higher than that of steam with 12 bar of pressure).
- Precise Temperature control using an intelligent burner, modulating between different flame sizes depending on the required speed and evaporation capacity.
- Minimal installation and setup; simply set in place and hooked up to a gas supply.
- Easy to operation and control; both the main and the analog control panels can monitor the performance of the ironer
- Low maintenance technologies, the only regular maintenance is keeping cleaning and changing the oil of the gear boxes.

TOLON

CHEST IRONERS

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OPTIONS

- 3 different types of feeding tables
- Standard width feeding table, 400 mm with separate toothed belt drive and with variable speed.
- Optional extended inclined inlet table, width 600 mm with shortened feeding height for ergonomic working conditions and excellent visual inspection of linen. Great for round table linen.
- Optional incorporated vacuum box for higher feeding quality.

Ironer can be offered with feeding, folding and stacking equipment on request.

Tolon's Flexible Chest Ironer	
Available working widths	3000, 3300, 3500 mm
Available roll diameter	800, 1200 mm
Available rolls per ironer	1 roll, 2 roll, 3 roll
Available heating source	Steam or gas/thermal oil
Ironing operating temperatures	150 - 230 °C
Exhaust temperature	100 °C
Compressed air consumption	110 L/roller rising
Ironer sound	66.5 dB

Operational Specs	1 roll 800 Ø	2 roll 800 Ø	1 roll 1200 Ø	2 roll 1200 Ø	3 roll 1200 Ø
Steam Ironer					
Electrical consumption	13.0 kW	15.1 kW	17.9 kW	27.1 kW	39.1 kW
Operating steam pressure	7-14 bar				
Ideal steam consumption	1.6 kg/ L water evaporated				
Gas Ironer					
Electrical consumption	18.5kW	22.6kW	23.6 kW	34.3 kW	53.0 kW
Gas consumption	14.6 Nm3/h	40.1 Nm3/h	14.6 Nm3/h	40.1 Nm3/h *	40.1 Nm3/h *
Thermal oil quantity	187 L	376 L	204 L	410 L *	523 L *
Operation and speed					
Rotational speed	5-17 m/min	9-30 m/min	8-26 m/min	15-53 m/min **	15-53 m/min **

Dimensions			
Width		Height	
3000 working width	4280 mm	Height (800 Ø, cover open & closed)	2950 mm
3300 working width	4580 mm	Height (1200 Ø, cover closed)	3000 mm
3500 working width	4780 mm	Height (1200 Ø, cover open)	3250 mm
Depth			
	1 roll	2 roll	3 roll
Ironer depth (800 Ø, steam)	2536 mm	3636 mm	2536 mm
Ironer depth (800 Ø, gas)	2946 mm	4046 mm	2946 mm
Ironer depth (1200 Ø, steam)	2942 mm	4442 mm	5942 mm
Ironer depth (1200 Ø, gas)	3374 mm	4874 mm	6374 mm
Weight ***			
	1 Roll	2 Roll	3 Roll
Weight (800 Ø, steam)	4100 kg	8000 kg	11500 kg
Weight (800 Ø, gas)	6900 kg	12100 kg	15600 kg
Weight (1200 Ø, steam)	4200 kg	8500 kg	12600 kg
Weight (1200 Ø, gas)	6800 kg	12600 kg	16700 kg

Notes

- (*) Larger burner option with 49.1 Nm3/h and 455 L of thermal oil
- (**) Optional speed of 5-57 m/min.
- (***) Listed weights for 3300, 3000 and 3500 have 100-200 kg difference. Consult TOLON for exact weights.

TOLON reserves the right to make changes to the machines and the specifications in this datasheet at any time, without prior notice. Details and photographs are only for informational purposes and are never binding.