

# IRONERS CLASSIC STEAM

Available with: 600,  
800, 900, 1200 and  
1600 mm Ø rolls.

## THE STANDARD IN IRONING

From the onset, the Lapauw ironer revolutionized flatwork finishing. Equipped with the innovative features such as: the thick hinged chest, the hydraulic chest lifting system and the individual springs, Lapauw ironers have been recognized as the standard for high quality finishing in the laundry industry.

## OPTIMAL HEAT TRANSFER

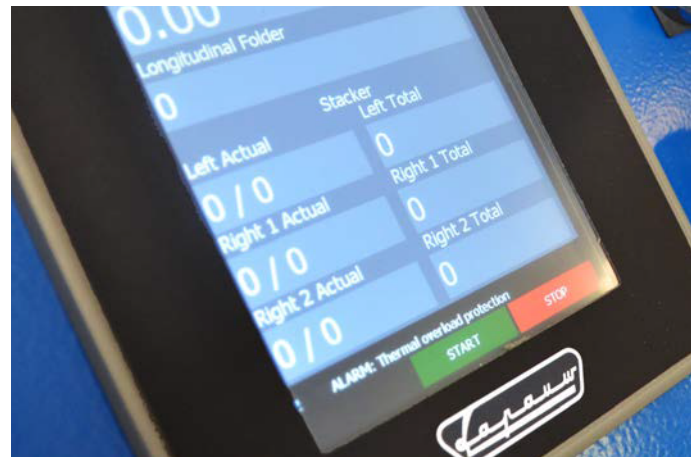
The thick, hinged chest not only assures the robustness to support the high steam pressures, it is also designed for optimal heat transfer.

- Steam needs volume, rather than speed to effectively transfer heat to the linen. This is why the Lapauw steam chests have large steam chambers that take in high volumes of steam.
- Fast and efficient evacuation of the condensate is paramount for the performance of the ironer. The Lapauw steam chest is subdivided in 2 or 4 independent steam chambers (depending on the roll diameter) each with their own steam trap, assuring that the condensate is quickly and efficiently evacuated from chest and gap piece.

## CONTROL MADE EASY

All Lapauw Classic steam heated ironers come with a standard read out for temperature and speed, including an analogue speed regulation.

Optional read out of hydraulic pressure and intensity is available as well as a full color touch screen that can be combined with an automatic steam pressure system that allows the operator to choose between different programs with different speeds and temperatures.



## CARBON STEEL CHEST

Pitting corrosion is a corrosion that infects stainless steel when it comes in contact with certain chemicals and can damage thin plates beyond repair.

The thick carbon steel Lapauw steam chests eliminate any chance of pitting corrosion, assuring care free operation and long lifespan.



# IRONERS CLASSIC GAS

Available with: 600,  
800, 900, 1200 and  
1600 mm Ø rolls.

## A CLASSIC

Lapauw was the first to develop and introduce an integrated gas heated ironer in the market in 1994.

Ever since that time, Lapauw is always a step ahead in the development of the integrated gas heated ironers and sets a standard in the market.

## EFFICIENTLY EXCHANGING HEAT

All Lapauw heat exchangers are triple way heat exchangers. These assure that most of the created heat by each burner is used to heat up the oil and to avoid energy losses in the system.

## OPTIMAL OIL FLOW

The oil flow of the system is created by high volume pumps that circulate the oil through the system. The flow through the chest is a parallel flow that assures a constantly equal temperature over the complete ironing surface of the machine.

## LAPAUW IRONERS ARE DGVW CERTIFIED

Lapauw has received the DGVW certification for its gas heated ironers. The German based DGVW institute has gained worldwide recognition as the authority in gas installations and applications.

With this certificate, Lapauw sees its gas heated ironers complying to the GAD/2009/142/EC Directive that certifies gas heating appliances as safe and efficient.



Ø all diameter.

# IRONERS 4000XXL

## THE LARGEST SINGLE ROLL ON THE MARKET ASSURES A FIRST CLASS IRONING FINISH

The 4000XXL has one major difference with the classic ironers: chest size.

The steam heated 4000XXL chest consists of 3 parts, instead of 2, and the gas heated 4000XXL has a 2 part flexible chest covering the roll.

This large chest envelopes the 1600 mm diameter roll over 286°, creating an ironing path, under pressure, that measures 4m.

The result is an extremely large ironing surface, assuring perfectly ironed and pressed linen.

## STEAM OR GAS

The 4000XXL is available in both steam and gas heated version.

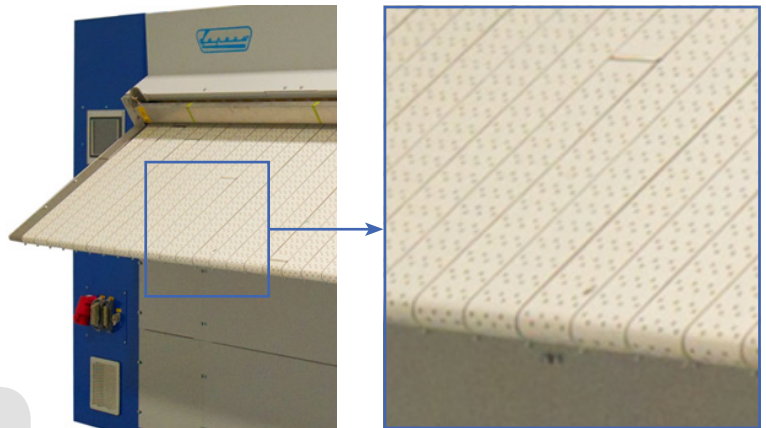


## A FIRST CLASS FINISH STARTS WITH OPTIMAL FEEDING CONDITIONS

A first class ironing finish will not exist if the feeding is not done properly. Therefore the 4000XXL comes standard with technology that makes sure the linen enters the roll under the optimal conditions.

### Tapeless ironing

The XXL ironer is standard equipped with scrapers instead of guiding tapes to assure a perfect finishing of the linen without any marks of guiding tapes.



Perforated feedbands with adjustable speed

### Adjustable feedband speed

The speed of the feeding belts is adjustable in each program and independent from the ironer roll, giving you the full control over the speed. Each different type of linen can have a different program with a different speed ratio.

### Sandwich conveyor

The sandwich conveyor, on top of the feed band assembly, assures that the leading- and trailing edge are not folded over when they enter the chest.

### Perforated feed bands

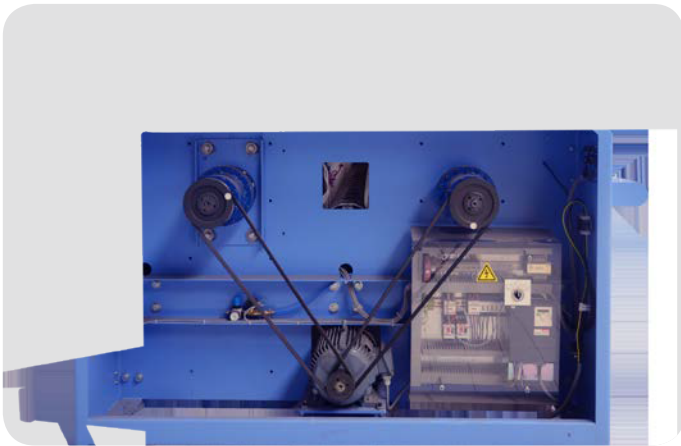
Suction through the feed bands assures that the linen sticks to the feedbands, assuring that it enters the chest with straight edges.

The 4000XXL is, as standard, equipped with perforated feedbands and suction.

# IRONERS RELAX

## SINGLE FRAME MACHINE LOWERS YOUR TRANSPORTATION COSTS

Where a standard 2 roll ironer has to be transported as 2 separate items, the Relax steam heated ironer fits into a 20 ft. container as a single piece.



## 100 % CARBON STEEL CHEST

The Relax chest is completely manufactured in carbon steel. With a heat conduction factor 4 times higher than stainless steel, a carbon steel chest transfers heat much faster over the ironing surface.

Thanks to this technology, Lapauw assures optimal heat distribution over the full ironing surface.

## MAXIMUM MOISTURE REMOVAL

The gap piece is formed by chest of the first and second roll. Thanks to this, the gap between the first and second roll is heated.

The individual suction per roll assures optimal moisture removal.

## FLOATING CHEST

Although the Relax has a rigid chest, the floating chest design offers the perfect hybrid between the Lapauw hinged chest and the classic rigid chest design.

Together with the pneumatic ironing pressure adjustment system, the floating chest design provides a more constant ironing pressure than classic rigid chests.





# IRONERS OPTIONS

Features	Classic Steam	Classic Gas	4000XXL	Relax
High temperature Aramid padding <sup>(1)</sup>	O	O / S *	S	O
Beveled edge padding	O	O	O	-
Longer feed bands with suction	O	O	S	-
Separately driven feed bands	O	O	S	-
Stainless steel feed trough	O	O	O	O
Exit table (600 mm) <sup>(2)</sup>	O	O	-	O
Exit conveyor <sup>(3)</sup>	O	O	-	O
Exit conveyor 4000XXL	-	-	O	-
Stop pedal <sup>(4)</sup>	O	O	O	O
Microprocessor control system <sup>(5)</sup>	O	O / S *	S	-
Modulating gas burner	O	O / S *	S	-
Indication current draw and hydraulic pressure	O	O / S *	S	-
Indication ironing temperature	S	S	S	O
High speed	O	O	O	-
LPG Gas system	O	O	O	-
Diesel fuel burner	O	O	O	-
Gas and electric consumption meter	O	O	O	-
Guide tape monitoring <sup>(6)</sup>	O	O	S	O
Power plugs for connection to feeder and folder	O	O	O	-
Waxing and cleaning cloth <sup>(7)</sup>	O	O	O	O

\* Standard on all 2 roll 1200 / 1600 gas heated ironers.

S = standard, O = option, - = not available

## <sup>(1)</sup> Padding

Standard padding on the Lapauw ironers is 100% polyester, stitched padding. High temperature Aramid padding is used when the ironing temperature is set higher than 180°C.

## <sup>(2)</sup> Exit table



## <sup>(3)</sup> Exit conveyor

Motorized conveyor that can be used instead of standard output table. This conveyor has a length of 1500 mm and allows the linen to cool down before operators take it.

## <sup>(4)</sup> Stop pedal

When the stop pedal is pressed, the feed band assembly comes to a stop, allowing the operator to straighten the edges.

## <sup>(5)</sup> Microprocessor control system + PLC system

The microprocessor control system allows you to create different ironing programs, adapted to the type of linen. A large LCD touch screen gives a clear overview of the programs and all necessary process values.

On gas heated ironers, the microprocessor control system is combined with the modulating burner and also controls the burner.

The microprocessor system can be installed on steam heated ironers also, where the microprocessor can be used to control a steam pressure relieve valve

## <sup>(6)</sup> Guide tape monitoring




All Lapauw multiple roll ironers can be equipped optionally with scrapers on the last roll instead of the traditional guiding tapes. Single roll ironers have standard scrapers installed. Both systems can optionally be combined with a guiding tape/scrapper surveillance system.

## <sup>(7)</sup> Waxing and cleaning cloth



# IRONERS TECHNICAL SPECS

## RANGE

Roll diameter				
600 mm diameter	S/G/E	S/G/E/O	S/G/O	-
800 mm diameter	S/G/E	S/G/E/O	S/G/O	-
900 mm diameter	S/G/E/O	S/G/E/O	S/G/O	-
1200 mm diameter	S/G/E/O	S/G/O	S/G/O	-
1600 mm diameter	S/G/O	S/G/O	S/O	S/G/O

S = Steam heated, G = Gas heated, E = Electric heated, O = Oil heated

## STEAM HEATED IRONERS

Roll diameter	mm	600			800			900		
Number of rolls	#	1	2	3	1	2	3	1	2	3
Available working width*	mm	1750-3500	3000-3500	3000-3500	1750-3500	3000-3500	3000-3500	3000-4200	3000-4200	3000-4200
Ironing length under pressure	mm	955	2000	3000	2360	2800	3200	1450	2900	4350
Total heating length	mm	955	2500	4000	2360	3300	4200	1450	3400	5350
Standard ironer speed	m/min	1,5-5,5	4,5-18	6-24	3-12	6-24	9-36	6-16	6-24	9-36

Number of steam traps	#	2	5	8	2	5	8	2	5	8
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Dimensions**	mm	600			800			900		
Width	mm	4530	4435	4435	4530	4555	4555	4530	4530	4530
Depth	mm	2000	2460	3520	2000	2860	4120	1700	3060	4420
Height	mm	1670	1450	1450	1670	1520	1520	1540	1540	1540
Weight	kg	5000	5800	8700	5000	6800	10200	4050	8100	12150

Standard supply voltage: 3 x 400V (+/- 5%) + N - 50Hz or 3 x 460V (+/- 5%) + N - 60Hz

Other supply voltages are optional

\* Other working widths are available on request.

\*\* All dimensions based on 3300mm working width.



Roll diameter	mm	1200			1600			XXL
Number of rolls	#	1	2	3	1	2	3	1
Available working width*	mm	3000-4200	3000-4200	3000-4200	3000-4200	3000-4200	3000-4200	3000-4200
Ironing length under pressure	mm	1950	3900	5850	2650	5300	7800	4000
Total heating length	mm	1950	4400	6850	2650	5800	8800	4000
Standard ironer speed	m/min	6-16	9-36	16-50	5-20	10-40	20-50	7-25

Number of steam traps	#	4	9	14	4	9	14	6
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Dimensions**	mm	1200			1600			XXL
Width	mm	4530	4530	4530	4620	4620	4620	4820
Depth	mm	2000	3660	5320	2400	4460	6520	2900
Height	mm	1670	1670	1670	1915	1915	1915	1980
Weight	kg	5000	10000	15000	6450	12900	19350	8000

Standard supply voltage: 3 x 400V (+/- 5%) + N - 50Hz or 3 x 460V (+/- 5%) + N - 60Hz  
Other supply voltages are optional

\* Other working widths are available on request.

\*\* All dimensions based on 3300mm working width.