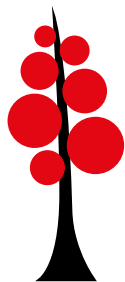


STEAM IRONER

WITH 3-PASS HEAT EXCHANGER



CHERRY TREE
INDUSTRIAL LAUNDRY SOLUTIONS

STEAM IRONER

with 3-pass heat
exchanger



foto control panel

Taking ironing one step further. We've created a true ECO ironer by looking at what one cannot see, but nevertheless happens and was not controlled up to now.

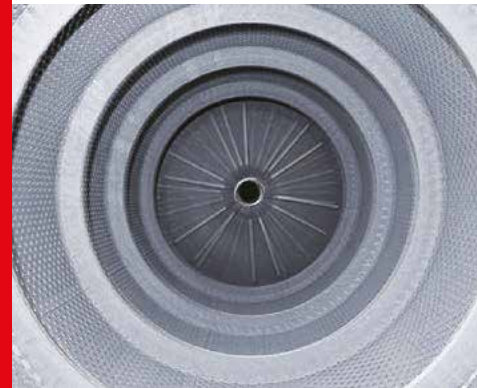
PLEASE CONFIRM?

With many years of experience in second hand ironers, we found that all ironers available on the market had some points of improvement. Driven by our gained experience, the development started of creating a better machine.

We are proud today that we accomplished this goal. After having developed and successfully tested our gas heated ironer, we now have built the steam heated version. Based on our experience built during the development of the gas heated ironer, we have used the same technology to develop the steam heated ironer.

For the gas heated ironer we have designed our own flexible chest. The flexible chest in today's gas heated ironers had room for improvement, which we show in the brochure of the Gas Ironer. For the steam heated ironer, the conventional chest have proven their robustness and long lifetime over more than 40 years now. We chose to use this proven technology to create a robust, long lasting machine, as laundries have been used to over the years.

Discover further in the brochure what is so special on the Cherry Tree Steam Ironer.



FLEXIBLE CONTROL

The Steam Ironer uses a modern PLC and 10 inch color touch, which is simple to program and operate. It offers total control over every ironing parameter, including ironing speed, chest temperature, pneumatic roll pressure. The control offers up to 100 custom ironing recipes to meet item-specific ironing requirements.

Pressure is key to ensure a consistent and quality finish. The pressure can be adjusted to fit the specific needs of different textile types. Simultaneously, the ironer's bed alignment system ensures uniform lengthwise pressure. This offers the best possible ironing results based on textile type.

The controller can interface via several different types, assuring an easy way of integrating with feeders and folders of all common brands.

THERMAL INSULATION

Thermal High Tech Insulation panels cover the ironer for significant gains in efficiency, productivity and a comfortable working environment. Heat stays inside the ironer, keeping the motors and other components in the shoulders of the machine at a safe temperature, resulting in a long life.

INDEPENDANT DRIVE

The Steam Ironer has an independant drive, including one inverter per roll. This is an advanced way to control electronically the speed of each roll without having belts or other dangerous power transmissions in the way. No adjustments are needed and no maintenance needs to be done on the transmissions of power. Belts, pulleys, chains and greasing are eliminated, reducing maintenance and associated breakdowns. It is all direct power and savely accessible.

INDEPENDANT MODULAR AIR EVACUATION

The Steam Ironer has independant air evacuation. Instead of manually open or close the chimney, we electronically control the extraction. This programmable suction allows for optimal working of the ironer at the least possible energy consumption.

TAPE TENSIONING SYSTEM

The ironer tape tensioning is of the hinge type. It can be located at the front or at the rear of the ironer elevated so it is easily accessible from the top of the ironer. Optionally it is equipped with an automatic movement system (ATIAS) to avoid impressions of the tape in the padding, improving the finishing quality.

The tape system can be combined with a scraper system on the last roll, to completely iron out tapes impressions in the last roll.

CHESTS

The Cherry Tree Steam Ironer uses fixed conventional chests, produced by the world leader of fixed chests. These chests have proven over more than 30 years to last for over more than 20 years.

The Steam Ironer has a rigid chest with a mirror-polished surface and large flow channels for consistent and even heat circulation, ensuring a flawless finish.

The ironing bed has wide fluid channels delivering more capacity for transmitting heat to the linen. This results in high ironing speeds and top quality finishing. The wide channels assure a uniform heating of the entire ironing surface and avoid cold spots. The chests are machined after welding and are tested at a pressure of 30 bars. A final mirror finish reduces friction and creates excellent ironing results.

The chests are made of top grade steel plates and have an extra fine polishing to ensure a long life for padding and tapes on the ironer.



Heavy-duty rigid chests, extra fine polished to give an even heat circulation and a high evaporation capacity through the wide channels. The mirror finishing assures a top ironing result.

ROLL

The perforated/punched surface ensures regular steam flows. The construction with low-weight cross beams offers a high stability and fulfills highest quality standards. Lengthwise pressure along the roll is constant in order to keep ironing uniform.

A floating, self-aligning system allows the ironer to self adjust wear of the padding, thermal expansions and mechanical stresses. This system maintains constant pressure distribution during the life of the ironer.



MODULARITY

Cherry Tree produces modular machines. Each modul is the same, and hereby Cherry Tree creates cost efficiency in building the machine, ease of maintenance and ease of spare parts.

ONLINE SUPPORT

All Cherry Tree machines are supported with online support, which again allows ease of maintenance and avoids sending expensive technicians all over the world. Our machines are developed as such for maximum support from one central location.

PLEASE CONFIRM?

TECHNICAL SPECIFICATIONS

	BURNER	CAPACITY	BOILER	POWER	POWER REDUCER	THERMAL POWER REDUCTOR
1 ROLL	RS 34/M MZ	70kW-390kW	290kW	11kW each roll	16kW each roll	30kW each roll
2 ROLL	RS 44/M MZ	101kW-550kW	465kW	11kW each roll	16kW each roll	30kW each roll
3 ROLL	RS 64/M MZ	150kW-850kW	581kW	11kW each roll	16kW each roll	30kW each roll
TEMPERATURE °C	50°	40°	30°	20°	10°	
THERMAL CAPACITY	0,5	0,7	0,9	1,0	1,2	
RESULT AT 50°C/kW	15	21	27	30	36	
CAPACITY kW	290	465	581			
WEIGHT kg	850	1100	1300			

DIMENSIONS AND WEIGHT

		300mm	3300mm	3500mm	4000mm
1 ROLL	Length	3423	3423	3423	3423
	Width	4435	4735	4935	5435
	Height	3094	3094	3094	3094
	Weight kg	4825	5300	5625	6500
2 ROLL	Length	5000	5000	5000	5000
	Width	4435	4735	4935	5435
	Height	3094	3094	3094	3094
	Weight kg	9650	10600	11250	13000
3 ROLL	Length	7050	7050	7050	7050
	Width	4435	4735	4935	5435
	Height	3094	3094	3094	3094
	Weight kg	14475	15900	16875	19500

3 YEAR WARRANTY • PART EXCHANGE OFFERED • NO DEPOSIT • FINANCE AVAILABLE



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