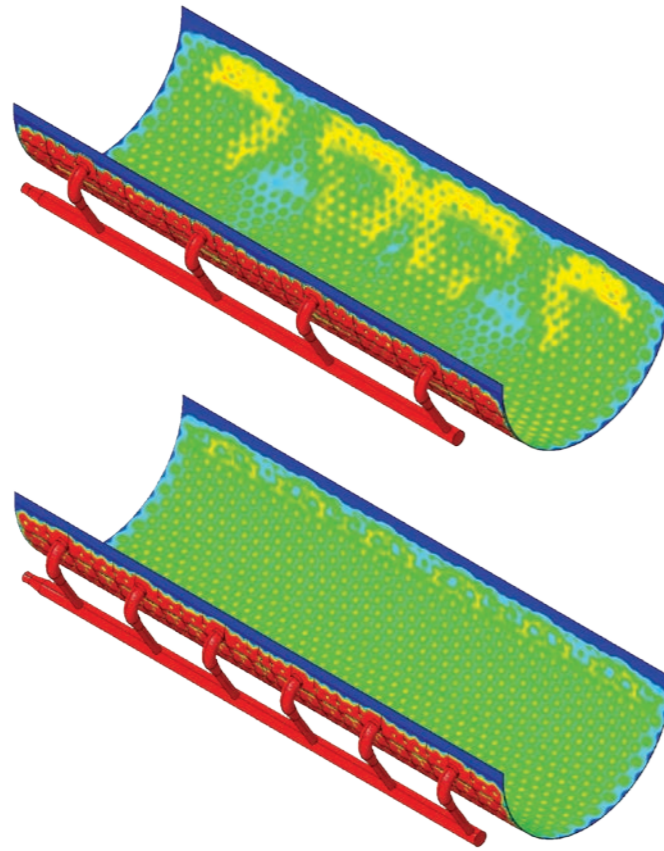


Heat distribution

Here you can clearly see the problems in the flow of a standard chest. It shows the cold spots, and this is due to an uneven flow of the oil. It is not logical to think that when oil is pumped through the chests at fixed entrance points (4 with most ironer manufacturers) that the oil is evenly distributed.



Here you can see that Texfinity solved the problem and thanks to the patented design of the chest, the oil is evenly spread inside the chest. No cold spots are present and the thermal oil and heat are evenly distributed. The whole system was found to use less energy.

Technical specs

	Burner	Capacity	Boiler	Power	Power reductor	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	RS64/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 weight

		3000mm	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



Modularity

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

Texfinity online support

All Texfinity 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.

Texfinity warranty

All our machines receive upto 3 years warranty. The ironer receives upto 10 years warranty on the chest. Find out more in detail with the responsible sales person for your region.

TEXFINITY®
INDUSTRIAL LAUNDRY APPLIANCES

Texfinity takes ironing one step further. With many years of experience in second hand ironers, Texfinity 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. Our ironer will undergo extensive testing in a laundry near Antwerp, Belgium and is open for visitors worldwide.

Based on calculations made by a famous Belgian research center we have created an ironer that uses less energy than all other ironers on the market thanks to the special and controlled flow of the thermal oil, to insulation, and to a very efficient modular air evacuation. In the next months some calibrating test results will be made public, showing our statements. Today, based on the calculations made, we call our ECO ironer T.iron and have given it a green touch and specs - as in each of our new machines.



All our machinery will receive a name unique to Texfinity, visualised with a T, and protected with a registered name. The T.feed and T.fold will be added to our range of equipment and will bring Texfinity as one of the few producers in the world of fully owned & developed ironing lines.

TEXFINITY®
INDUSTRIAL LAUNDRY APPLIANCES



T iron®
with 3-pass heat exchanger

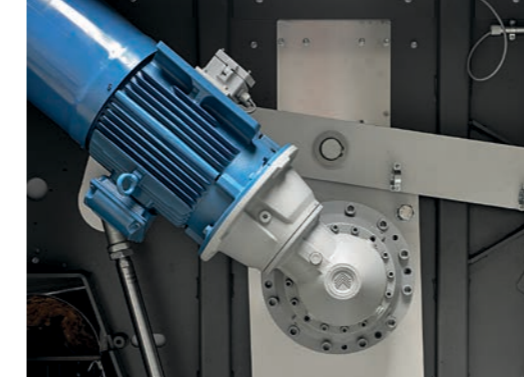
TEXFINITY®
INDUSTRIAL LAUNDRY APPLIANCES

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T iron[®]
with 3-pass heat exchanger



Texfinity takes ironing one step further and created a true ECO ironer by a unique heat distribution.



Direct drive
The T.iron has an independant drive. This is a fantastic way to control electronically the speed of each roll without having belts or other dangerous power transmissions in the way.



Independant modular air evacuation
The T.iron has modular and independant air evacuation. The constant adjustment of the suction allows for optimal energy efficiency.



Trailing edge
Option for perfect wrinkle free trailing edge guidance.



Chests

T.iron® uses flexible chests, developed, build and made by Texfinity with CFD analysis. Texfinity visualised what nobody has ever seen before: the flow of the oil inside the chest. CFD is known to be very expensive, but very accurate [*]

[*] CFD, source wiki : Computational fluid dynamics, usually abbreviated as CFD, is a branch of fluid mechanics that uses numerical analysis and algorithms to solve and analyze problems that involve fluid flows. Computers are used to perform the calculations required to simulate the interaction of liquids and gases with surfaces defined by boundary conditions. With high-speed supercomputers, better solutions can be achieved.

Boiler

Boiler efficiency, in the simplest terms, represents the difference between the energy input and energy output. The 3 pass boiler of the T.iron has been identified as on of the most performant on the market, ensuring the lowest gas usage possible, for a maximum output. This only but reinforces the ECO design of the ironer.

