

Industrial ironers

IC44819FFS, IC44825FFS, IC44832FFS



Images shown are a representation of the product only and variations may occur.

Features and benefits

- One-person operation from feeding wet items to piles of folded sheets – The optimum in ironing
- 4815mm x 1820mm overall dimensions (IC44832FFS). The most compact of its kind on the market
- One station automatic feeding with electro-mechanical clamps and standard vacuum table for a smooth and efficient quality feeding
- Standard touch screen control with text free operating mode for optimum user friendliness
- Standard multi-layer thermal oil Dubixium™ cylinder guarantees zero overheating of cylinder sides on electric and gas heated versions. This allows up to 20% increase in production compared to traditional cylinders
- Standard automatic ironing speed control system DIAMMS™ allows optimum productivity by any operator. This unique feature guarantees you with a perfectly dry linen regardless of operators skill
- Maintenance free ceramic gas burner increases reliability while minimizing production disruption and gas consumption (up to 20%). Unique and patented feature
- Standard stand-by and sleeping modes for optimum energy savings
- Spring loaded pressure roll ensuring outstanding ironing quality
- Durable ironing belts in Nomex® withstanding temperatures above 200 °C for optimum quality and safety
- Finger guard protection provides optimum safety for operators
- Versatile stacker for delivery of linen stacks to the front or the rear of the machine

Main options

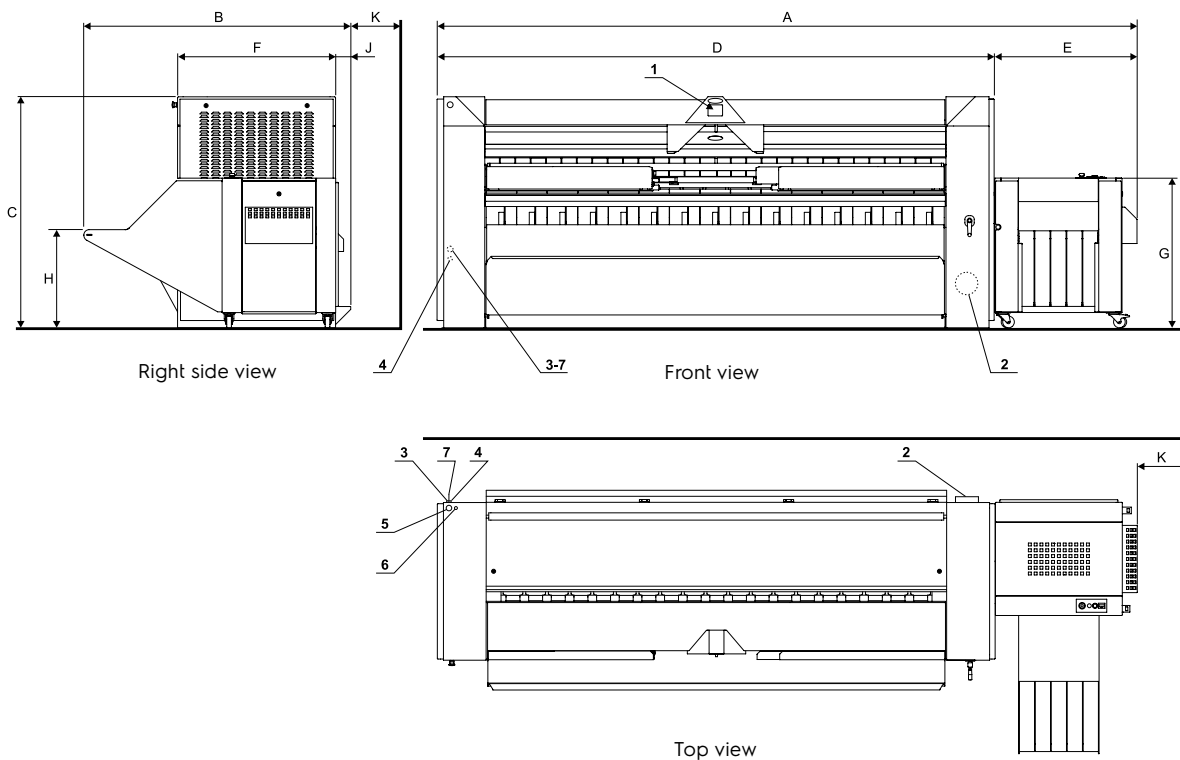
- Fully integrated air compressor for autonomous operations and faster installation
- Cancellation of stacker for delivery of folded linen onto a conveyor
- CMIS connection for traceability according to European Standard EN14065 on RABC quality approach

Main specifications		IC44819FFS	IC44825FFS	IC44832FFS	
Capacity*, max. water evaporation**	l/h	38/57/35	48/75/46	59/93/59	
Cylinder, diameter (electricity, gas/steam)	mm	479/457	479/457	479/457	
	length	mm	1910	2540	3170
Ironing speed	m/min	1.5-11	1.5-11	1.5-11	
Heating, electricity	kW	33	44	54	
	steam (900 kPa)	kg/h	83	110	141
	gas	Btu/h (kW)	133100 (39)	177400 (52)	221800 (65)
* 50% residual moisture content cotton 180g/m ² and 100% roller utilization (ISO 9398-1).					
** El/steam/gas.					

Electrical connections			IC44819FFS	IC44825FFS	IC44832FFS
Heating Voltage					
EI	400-415V 3AC 50 Hz	kW(A)	35.7 (63)	46 (80)	56.8 (100)
Gas, steam					
	400-415V 3AC 50 Hz	kW(A)	2.9 (16)	2.9 (16)	3.2 (16)
Steam, gas and air connections					
Steam		DN	20	20	20
Rec. steam pressure		kPa	900	900	900
Condensate		DN	10	10	10
Gas		DN	20	20	20
Gas pressure,					
natural gas (G20/G25)		Pa	2000/2500	2000/2500	2000/2500
propane (G31)		Pa	3700/5000	3700/5000	3700/5000
Air outlet		ø mm	160	160	160
Evacuated air,					
gas		m ³ /h	800	950	1010
el, steam		m ³ /h	740	880	960
Pressure drop		max. Pa	200	200	200
Compressed air		mm	6/8	6/8	6/8
Rec. air pressure		kPa	550-700	550-700	550-700
Sound levels					
Airborne sound level		dB(A)	65	65	65
Heat emission					
% of installed power, max.			3	3	3
Shipping data**					
Ironer mass	net, kg		1405	1545	1715
	crated, kg		1700	1890	2075
Shipping volume, ironer		m ³	7.6	9.2	10.7
Stacker mass	net, kg		175	175	175
	crated, kg		345	345	345
Shipping volume, stacker		m ³	2.9	2.9	2.9
Dimensions for automatic feeding					
Minimum		mm	1100	1100	1100
Maximum		mm	1910	2540	3170
Dimensions for automatic folding					
Minimum		mm	900	900	900
Maximum*		mm	3500	3500	3500
Dimensions in mm					
A	Width		3555	4185	4815
B	Depth		1820	1820	1820
C	Height		1590	1590	1590
D			2575	3205	3835
E			980	980	980
F			1090	1090	1090
G			1030	1030	1030
H			675	675	675
J			90	90	90
K			500	500	500
1 Control panel 2 Exhaust connection 3 Steam connection 4 Condensate connection			5 Electrical connection 6 Compressed air connection 7 Gas connection		

* Recommended for most textiles. May vary depending on textile thickness and nature.

** Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.



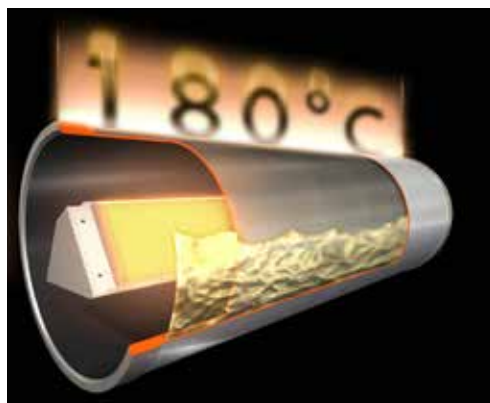
Production in items per hour Electric/Gas	Textile quality	RM*	IC44819FFS	IC44825FFS	IC44832FFS
50/50 polyester-cotton sheet, 3000 x 1800 mm	140 gr/m ²	35%	110	110	160
50/50 polyester-cotton sheet, 2900 x 2400 mm	140 gr/m ²	35%	-	115	135
100% cotton sheet, 3000 x 2800 mm	160 gr/m ²	50%	-	-	80
100% cotton table cloth, 2000 x 1500 mm	260 gr/m ²	55%	62	80	80

Production in items per hour Steam (9 bar)	Textile quality	RM*	IC44819FFS	IC44825FFS	IC44832FFS
50/50 polyester-cotton sheet, 3000 x 1800 mm	140 gr/m ²	35%	110	110	200
50/50 polyester-cotton sheet, 2900 x 2400 mm	140 gr/m ²	35%	-	115	155
100% cotton sheet, 3000 x 2800 mm	160 gr/m ²	50%	-	-	95
100% cotton table cloth, 2000 x 1500 mm	260 gr/m ²	55%	75	95	95

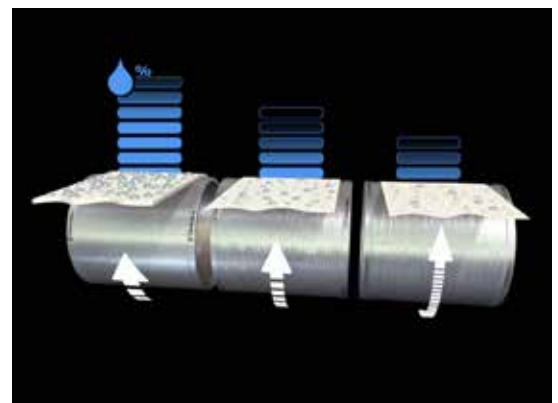
* RM: Residual Moisture before ironing

Above production figures correspond to the machine capacity.

They can vary with the efficiency of the operator and are achieved with 300 mm between items at feeding.



Multi-layer thermal oil Dubixium™ cylinder guarantees smooth operation at all times thanks to zero overheating of sides.



Automatic ironing speed adjustment systems DIAMMS™ is based on real moisture of the items. Unique and patented.

