

Industrial ironers

IC44819FFS, IC44825FFS, IC44832FFS



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 whilst 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

- Cancellation of stacker for delivery of folded linen onto a conveyor
- CMIS connection for traceability according to European Standard EN14065 on RABC quality approach

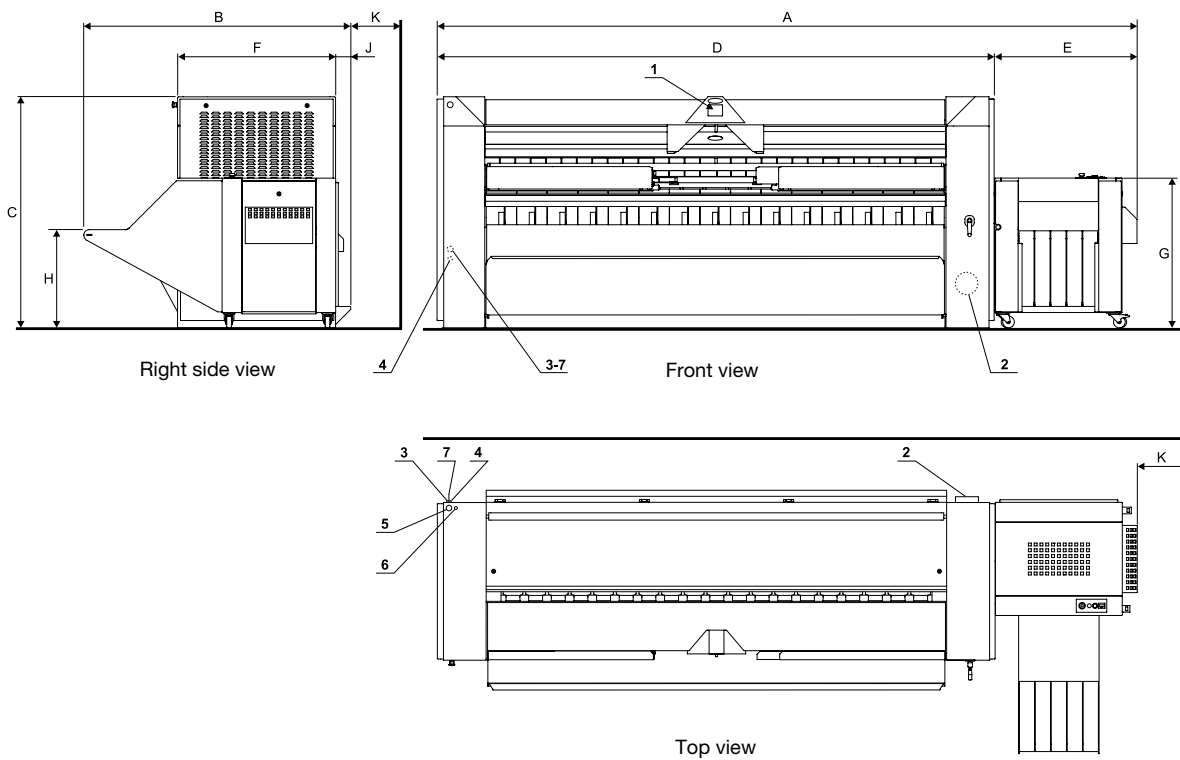
| Main specifications | | IC44819FFS | IC44825FFS | IC44832FFS | |
|---|-----------------|------------|-------------|-------------|-------------|
| Capacity*, max. water evaporation** | l/h | 38/57/35 | 48/75/46 | 59/93/59 | |
| Cylinder, diameter (electricity, gas/steam) | mm | 479/457 | 479/457 | 479/457 | |
| | 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/m² and 100% roller utilization (ISO 9398-1).

** EI/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 | | m ³ /h | 780 | 900 | 1000 |
| 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.



| 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 |

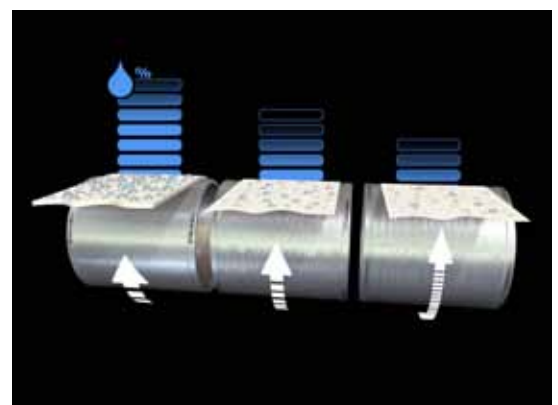
| Production in items per hour Steam (9 bar) | Textile quality | RM* | IC44819FFS | IC44825FFS | IC44832FFS |
|---|-----------------------|-----|------------|------------|------------|
| 50/50 polyester-cotton sheet, 3000 x 1800 mm | 140 gr/m ² | 35% | 110 | 110 | 200 |
| 50/50 polyester-cotton sheet, 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.

