

# Industrial Ironers

IC44819, IC44821, IC44825, IC44828, IC44832 FR/FLF



## Features and benefits

- Fully electric feeder requiring no compressed air – regular, silent and smooth work
- Electro-mechanical clamps, automatic linen detection, smooth closing and holding of the linen, smooth opening and feeding of item (compensation of the elasticity of the fibres)
- Removable feeder for installation in tiny spaces
- Easy-to-use electronic control panel, RABC (Risk Analysis and Biocontamination Control – EN 14065) compatible
- DIAMMS (Direct Ironer Advanced Moisture Management System) system; Automatic speed adjustment with moisture sensors to ensure a perfect result
- Pressure roll with tightener springs, prevents wrinkling
- Durable ironing belts made of Nomex® which can withstand temperatures above 200°C
- Finger guard protection provides additional security for operators
- Nickel-plated cylinder prevents rust and improves lifetime
- Maintenance free ceramic gas burner increases reliability for gas heated ironers
- Return feed, can be installed close to a wall for maximum space utilisation
- Labour saving automatic feeding and length-folding device (FLF model)
- Automatic feeding and rear delivery (FR model)
- Easy access to all parts for easy maintenance

## Main options

- Multi-layer cylinder Dubixium™ for increased production on electric and gas heated machines
- CMIS (Certus Management Information System) connection for traceability according to European Standard EN14065

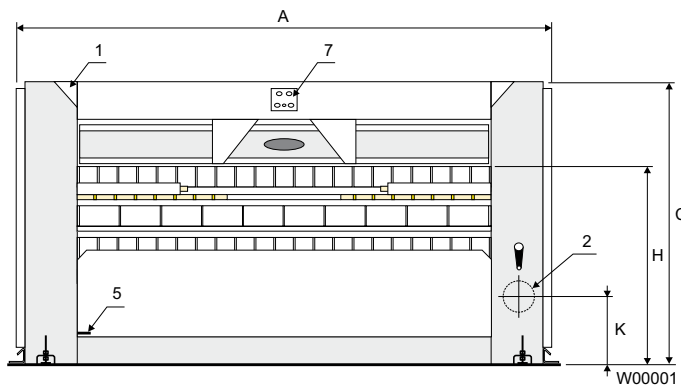
| Main specifications                 |                 | IC44819    | IC44821    | IC44825    | IC44828    | IC44832    |
|-------------------------------------|-----------------|------------|------------|------------|------------|------------|
| Capacity*, max. water evaporation** | l/h             | 38/57/35   | 40/63/37   | 48/75/46   | 51/81/51   | 59/93/59   |
| Cylinder, diameter (el, gas/steam)  | mm              | 479/457    | 479/457    | 479/457    | 479/457    | 479/457    |
|                                     | mm              | 1910       | 2120       | 2540       | 2750       | 3170       |
| Ironing speed                       | m/min           | 1.5-9      | 1.5-9      | 1.5-9      | 1.5-9      | 1.5-9      |
| Heating, electricity                | kW              | 33         | 37         | 44         | 47         | 54         |
|                                     | steam (900 kPa) | kg/h       | 83         | 92         | 110        | 123        |
|                                     | gas             | Btu/h (kW) | 133100(39) | 150100(44) | 177400(52) | 191100(56) |
|                                     |                 |            |            |            |            | 221800(65) |

\* 50% residual moisture content cotton 180g/m<sup>2</sup> and 100% cylinder use (ISO 9398-1).

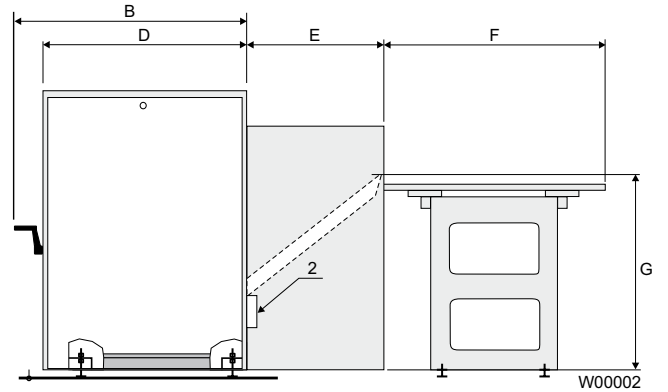
\*\* El/steam/gas.

| Electrical connections*                                                                                                                                                                                            |                       |       | IC44819   | IC44821   | IC44825   | IC44828   | IC44832   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------|-----------|-----------|-----------|-----------|-----------|
| Heating Voltage                                                                                                                                                                                                    |                       |       |           |           |           |           |           |
| EI                                                                                                                                                                                                                 | 400-415V 3AC 50/60 Hz | kW(A) | 35 (63)   | 38 (63)   | 45 (80)   | 49 (80)   | 56 (100)  |
| Gas, steam                                                                                                                                                                                                         | 400-415V 3AC 50/60 Hz | kW(A) | 2 (16)    | 2 (16)    | 2 (16)    | 2 (16)    | 2 (16)    |
| Steam, gas and air connections                                                                                                                                                                                     |                       |       |           |           |           |           |           |
| Steam                                                                                                                                                                                                              | DN                    |       | 20        | 20        | 20        | 20        | 20        |
| Rec. steam pressure                                                                                                                                                                                                | kPa                   |       | 900       | 900       | 900       | 900       | 900       |
| Condensate                                                                                                                                                                                                         | DN                    |       | 10        | 10        | 10        | 10        | 10        |
| Gas                                                                                                                                                                                                                | DN                    |       | 20        | 20        | 20        | 20        | 20        |
| Gas pressure,                                                                                                                                                                                                      |                       |       |           |           |           |           |           |
| natural gas (G20/G25)                                                                                                                                                                                              | Pa                    |       | 2000/2500 | 2000/2500 | 2000/2500 | 2000/2500 | 2000/2500 |
| propane (G31)                                                                                                                                                                                                      | Pa                    |       | 3700/5000 | 3700/5000 | 3700/5000 | 3700/5000 | 3700/5000 |
| Air outlet                                                                                                                                                                                                         | ø mm                  |       | 160       | 160       | 160       | 160       | 160       |
| Evacuated air                                                                                                                                                                                                      | m³/h                  |       | 580       | 590       | 610       | 640       | 650       |
| Pressure drop                                                                                                                                                                                                      | max. Pa               |       | 200       | 200       | 200       | 200       | 200       |
| Sound levels                                                                                                                                                                                                       |                       |       |           |           |           |           |           |
| Airborne sound level                                                                                                                                                                                               |                       |       |           |           |           |           |           |
|                                                                                                                                                                                                                    | dB(A)                 |       | 73        | 73        | 73        | 73        | 73        |
| Heat emission                                                                                                                                                                                                      |                       |       |           |           |           |           |           |
| % of installed power, max.                                                                                                                                                                                         |                       |       | 3         | 3         | 3         | 3         | 3         |
| Shipping data, (FR model)                                                                                                                                                                                          |                       |       |           |           |           |           |           |
|                                                                                                                                                                                                                    | net, kg               |       | 1080      | 1130      | 1220      | 1300      | 1390      |
|                                                                                                                                                                                                                    | crated, kg            |       | 1380      | 1430      | 1520      | 1600      | 1690      |
| Shipping volume, FR model                                                                                                                                                                                          | m³                    |       | 5.8       | 6.2       | 7         | 7.4       | 8.2       |
| Dimensions in mm                                                                                                                                                                                                   |                       |       |           |           |           |           |           |
| A Width                                                                                                                                                                                                            |                       |       | 2575      | 2785      | 3205      | 3415      | 3835      |
| B Depth                                                                                                                                                                                                            |                       |       | 1280      | 1280      | 1280      | 1280      | 1280      |
| C Height                                                                                                                                                                                                           |                       |       | 1460      | 1460      | 1460      | 1460      | 1460      |
| D                                                                                                                                                                                                                  |                       |       | 1160      | 1160      | 1160      | 1160      | 1160      |
| E FR model only                                                                                                                                                                                                    |                       |       | 670       | 670       | 670       | 670       | 670       |
| F FR model only                                                                                                                                                                                                    |                       |       | 800       | 800       | 800       | 800       | 800       |
| G FR model only                                                                                                                                                                                                    |                       |       | 840       | 840       | 840       | 840       | 840       |
| H                                                                                                                                                                                                                  |                       |       | 1050      | 1050      | 1050      | 1050      | 1050      |
| I                                                                                                                                                                                                                  |                       |       | 1910      | 2120      | 2540      | 2750      | 3170      |
| K                                                                                                                                                                                                                  |                       |       | 355       | 355       | 355       | 355       | 355       |
| L                                                                                                                                                                                                                  |                       |       | 190       | 190       | 190       | 190       | 190       |
| <b>1</b> Control panel<br><b>2</b> Exhaust connection<br><b>3</b> Steam connection<br><b>4</b> Condensate connection<br><b>5</b> Electrical connection<br><b>6</b> Gas connection<br><b>7</b> Feeder control panel |                       |       |           |           |           |           |           |

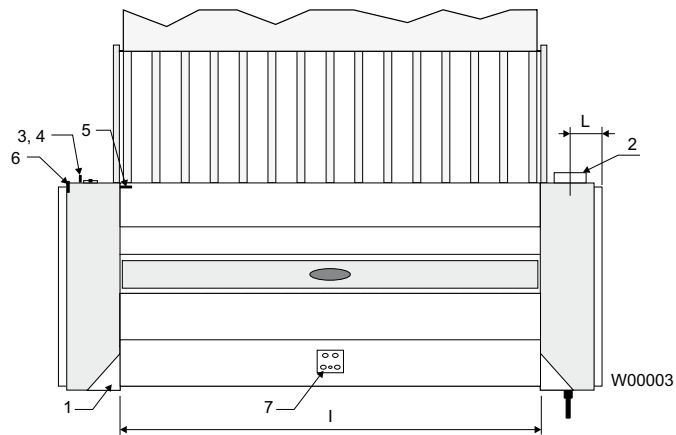
\* Other voltages available, see installation manual.



Front view



Right view



Top view

