



For high-volume laundries, Continental's Pro-Series Heated-Chest Flatwork Ironers—in steam, thermal fluid or gas—are ideal. Available in multiple finishing widths, Pro-Series Heated-Chest Ironers offer unmatched durability, flexibility and ironing results.

FN32118
FN32130
FN32138

CONTINENTAL
GIRBAU®

PRO-SERIES HEATED-CHEST FLATWORK IRONERS INNOVATION DELIVERS SUPERIOR RESULTS

Ideal for large-volume industrial laundries, Pro-Series Heated-Chest Flatwork Ironers feature an ample 32-inch diameter roll with 118-, 130- or 138-inch finishing widths. Like all Continental Ironers, the Pro-Series FN32 properly finishes damp linens without the need for costly dryer conditioning—increasing laundry productivity while offering unmatched durability, flexibility and ironing results.

HIGH QUALITY RESULTS WITHOUT DRYER CONDITIONING

Like Continental Heated-Roll Flatwork Ironers, Pro-Series Heated-Chest Ironers enable one-pass ironing without dryer conditioning. The ironer's cylinder is perforated throughout for maximum suction and moisture exhaust. A heavy-duty spring system provides uniform pressure against the ironing bed while an extractor fan at the cylinder shaft effectively pulls evaporated moisture away from fabric. As a result, linens can be fed directly from the washer to the ironer, saving valuable labor and energy!

RIGID-CHEST DESIGN PROVIDES UNMATCHED RESULTS

Pro-Series Heated-Chest Ironers are engineered with a rigid chest for unmatched ironing results. The rigid chest features a polished steel ironing bed and large heating passages surrounding the ironing surface. The large size of the heating passages allow a more consistent flow of heated thermal oil or steam than flexible and semi-rigid chest ironers. The result is a more uniform ironing temperature, greater heat energy transfer to the linen and ultimately a superior ironing finish.

UNMATCHED DURABILITY

Pro-Series Heated-Chest Ironers are built for longevity, as is evident in Continental's industry best 5/3 year limited warranty. The ironer's frame is constructed of high-quality carbon steel with fiberglass endplates. An easy-to-clean and durable epoxy finish on the cabinet further protects the ironer from moisture and resulting corrosion. The ironing bed is constructed of thick (14mm) steel plates that resist deformity and subsequent finishing inconsistencies due to high-level pressure and temperature.

PRO-SERIES IRONERS ARE ENERGY EFFICIENT

Constructed to combat rising energy costs, Pro-Series Heated-Chest Ironers are equipped with an advanced drive system designed to consume only the energy required for operation. Nothing, as a result, is wasted during start-up, operation or cool-down. Plus, ironing speed is controlled using less energy thanks to the ironer's unique speed inverter, and versatile microprocessor. An added layer of thermal insulation in the canopy takes efficiency a step further by trapping heat inside the ironer where it belongs.



BUILT-IN GAS-HEATED MODELS PROVIDE SUPERIOR RESULTS

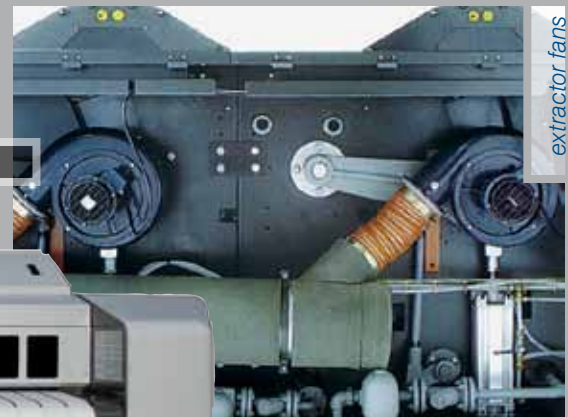
Pro-Series gas-heated models are an enviable 90 percent efficient thanks to four oil circuits which double the heating surface of the boiler. The gas boiler is located at the rear of the ironer—enabling a larger boiler and flame and creating greater heat output using less energy than models with boilers underneath the ironer.



perforated cylinder



large heating passages



extractor fans

SUPERIOR EFFICIENCY AND PERFORMANCE

The control adjusts the output of the boiler to the needed productivity, thereby reducing gas consumption significantly.

Three exhaust ducts ensure that the flow of the combustion gases is maximized, increasing the performance of the boiler by 20 percent compared to boilers with only 2 ducts.

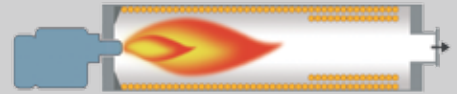
90%
ENERGY
EFFICIENT

The oversized diameter of the combustion chamber makes contact between the flame and the coil impossible, thereby extending the life of the boiler and thermal fluid up to 5 times compared to other manufacturers' boilers.

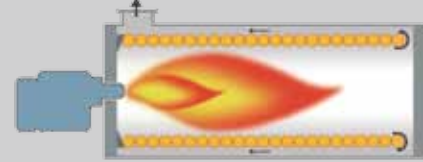
The modulating digital burner achieves maximum performance by digitally managing the combustion.

The design of this coil increases the exchange surface area by 66% without reducing the flow diameter. This feature allows a low-power fluid drive pump to be used, and increases the performance of the boiler by 15%.

Other Manufacturer's Ironer Designs



Some ironers feature boilers underneath the ironer. This limits the diameter of the combustion chamber. As a result, the boiler output and flame must be reduced to ensure the flame doesn't come in contact with the coil. These models typically only offer 70 percent efficiency.



Other ironers feature boilers at the rear of the unit, but because they only feature two fume outlets and a single oil circuit, performance suffers. These ironers typically only offer 70 percent efficiency.

THE DIFFERENCE IS IN THE CONTROL

All Continental Flatwork Ironers offer easy-to-operate controls that provide efficient performance and flexibility. The Microprocessor Control on Pro-Series Ironers features the Continental's patented AutoSpeed® System. This programmable control option automatically modifies cylinder speed based on variations in temperature. The AutoSpeed process eliminates high- and low-temperature fluctuations, assuring constant ironing temperatures and the highest quality finishing results in just one pass. Plus, Autospeed helps eliminate the variable of human error—incorrect temperature and speed settings—that can result in damage to linens. When manual drying is needed, the simple touch of a button turns this feature off.

SELF-DIAGNOSTIC MAINTENANCE

The Quick Check™ Service package, standard on Continental Pro-Series Ironers, saves laundries time and money. The feature actually helps users diagnose maintenance and service needs from the microprocessor control pad. Electrical components, temperature actuators, mechanical functions and safety checks can be performed with a simple touch of the button.

QUIET, COOL, CLEAN OPERATION

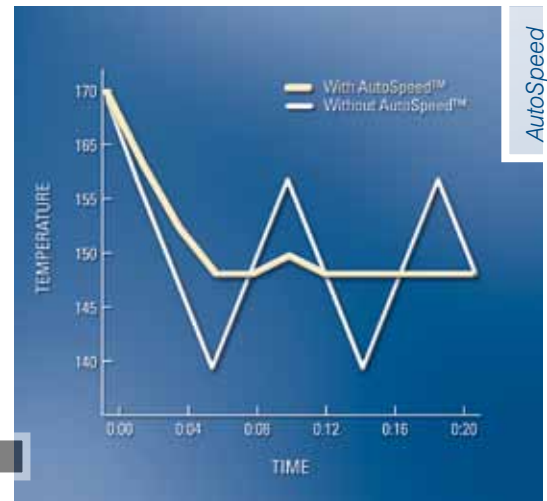
Providing a clean, cool and quiet working environment is important. Pro-Series Ironers help reduce unwanted laundry room noise and heat because exhaust motors, fans, and vents are located away from operators, to the rear of the units. And, during the ironing process, residual lint is pulled through a manifold and filtered through a heavy-duty screen. This process prevents lint from re-depositing on linens or escaping into the laundry room where it can clog vent ducts and pollute the air.

BUILT-IN SAFETY FEATURES

Designed to be operator friendly and safe to use, Pro-Series Ironers features critical safety features to prevent accidents. Safeguards include an emergency stop button, electrical circuit safeguards, an independent switch disconnect, a pressure-sensitive hand guard at the ironer feeding area and fixed safety guards.

COMMITTED TO QUALITY AND THE ENVIRONMENT

Pro-Series Flatwork Ironers are produced in an ISO9001 and ISO14001 certified manufacturing facility. Therefore, you are assured of the most advanced quality and safety standards, including ETL certification. In addition, Pro-Series Ironers are constructed using many recyclable materials.



AutoSpeed



flexible controls



hand guard safety

DIMENSIONS & WEIGHTS

| | FN32118 | FN32130 | FN32138 |
|--|---------------------------------------|--|--|
| Cylinder Diameter <i>inch (mm)</i> | 31.5 (800) | 31.5 (800) | 31.5 (800) |
| Usable Cylinder Width <i>inch (mm)</i> | 118.1 (3000) | 129.9 (3300) | 137.8 (3500) |
| Evaporation Capability <i>gal/h (l/h)</i> | 44.9 (170) | 48.9 (185) | 51.5 (195) |
| Ironing Speed <i>ft/min (m/min)</i> | 13-82 (4-25) | 13-82 (4-25) | 13-82 (4-25) |
| Net Weight <i>lbs. (kg)</i> | | | |
| Thermal Fluid/Steam | 8636 (3917) | 9,028 (4095) | 9,290 (4214) |
| Gas <i>(incl. boiler/expansion vessel)</i> | — | 11,647 (5283) | 11,909 (5402) |
| Crated Weight <i>lbs. (kg)</i> | | | |
| Thermal Fluid/Steam | 10,115 (4588) | 10,606 (4811) | 10,867 (4929) |
| Gas <i>(incl. boiler/expansion vessel)</i> | — | 13,759 (6241) | 14,019 (6359) |
| Machine Width <i>inch (mm)</i> | 173.2 (4400) | 185 (4700) | 192.9 (4900) |
| Machine Depth <i>inch (mm)</i> | 99.6 (2530) | 99.6 (2530) | 99.6 (2530) |
| Machine Height <i>inch (mm)</i> | 64.2 (1630) | 64.2 (1630) | 64.2 (1630) |
| Feed Height <i>inch (mm)</i> | 39.4 (1000) | 39.4 (1000) | 39.4 (1000) |
| Shipping Dimensions <i>in. (mm)</i> | 181.1 x 84.6 x 73.6 <i>(WxDxH)</i> | 200.8 x 84.6 x 73.6 <i>(5100 x 2150 x 1870)</i> | 200.8 x 84.6 x 73.6 <i>(5100 x 2150 x 1870)</i> |
| Motor Power <i>kW</i> | | | |
| Thermal Fluid/Steam | 12.3 | 12.3 | 12.3 |
| Gas | — | 16.9 | 16.9 |
| Circuit Protection <i>Amps</i> | | | |
| Thermal Fluid/Steam | 208-240/60/3 63 | 63 | 63 |
| Gas | 440-480/60/3 32 | 32 | 32 |
| Gas | 208-240/60/3 — | 80 | 80 |
| Gas | 440-480/60/3 — | 40 | 40 |
| Full Load <i>Amps</i> | | | |
| Thermal Fluid/Steam | 208-240/60/3 44.3 | 44.3 | 44.3 |
| Gas | 440-480/60/3 23 | 23 | 23 |
| Gas | 208-240/60/3 — | 62 | 62 |
| Gas | 440/60/3 — | 32.3 | 32.3 |
| Gas | 480/60/3 — | 32.1 | 32.1 |

CONNECTIONS

| | | | |
|---|---------------|---------------|---------------|
| Exhaust Diameter <i>inch (mm)</i> | 9.8 (250) | 9.8 (250) | 9.8 (250) |
| Exhaust Air Flow <i>cfm (m³/h)</i> | 636 (1080) | 636 (1080) | 636 (1080) |
| Thermal Fluid Connections <i>inch (mm)</i> | 3 (76) | 3 (76) | 3 (76) |
| Thermal Fluid Heating <i>BTU/h (kW)</i> | 528,882 (155) | 580,064 (170) | 614,185 (180) |
| Thermal Fluid Flow <i>gal/min (l/min)</i> | 137 (520) | 152 (575) | 160 (605) |
| Thermal Fluid Volume <i>ft³ (dm³)</i> | 2.9 (81) | 3.2 (90) | 3.4 (95) |
| Gas Connection <i>inch (mm)</i> | — | 3/4 (19) | 3/4 (19) |
| Gas Heating <i>BTU/h (kW)</i> | — | 580,064 (170) | 580,064 (170) |
| Gas Consumption <i>cfm (m³/h)</i> | — | 636 (1080) | 636 (1080) |
| Gas Pressure <i>inch wc</i> | | | |
| Minimum | — | 40.9 | 40.9 |
| Maximum | — | 200.7 | 200.7 |
| Steam Connection <i>inch (mm)</i> | 1-1/2 (38.1) | 1-1/2 (38.1) | 1-1/2 (38.1) |
| Steam Condensate Outlet <i>inch (mm)</i> | 1-1/2 (38.1) | 1-1/2 (38.1) | 1-1/2 (38.1) |
| Steam Heating <i>BTU/h (kW)</i> | 528,882 (155) | 580,064 (170) | 614,185 (180) |
| Steam Consumption <i>lbs/h (kg/h)</i> | 628 (285) | 683 (310) | 728 (330) |
| Steam Pressure <i>PSI (bar)</i> | | | |
| Minimum | 116 (8) | 116 (8) | 116 (8) |
| Maximum | 174 (12) | 174 (12) | 174 (12) |
| Compressed Air Connection <i>inch (mm)</i> | 1/2 (12.7) | 1/2 (12.7) | 1/2 (12.7) |
| Compressed Air Flow <i>gal/min (l/min)</i> | | | |
| Minimum | 19 (71) | 19 (71) | 19 (71) |
| Maximum | 25 (95) | 25 (95) | 25 (95) |

* Product specifications are subject to change without notice. For the most current product specifications including CAD details, technical specifications and warranty, please visit www.continentalgirbau.com.



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