

Z-SERIES HEATED-ROLL FLATWORK IRONERS FOR ON-PREMISE LAUNDRIES



Z-Series Flatwork Ironers are designed to give laundries the ability to process linen at maximum productivity and to the highest possible quality standard. Z-Series Ironers properly finish linens without the need for dryer conditioning and messy wax application and removal.

Z13061

Z13084

Z20075

Z20100

Z20125

ONEPRESS
INDUSTRIAL FLATWORK IRONERS

Z-SERIES HEATED-ROLL FLATWORK IRONERS

PRODUCTIVITY AND QUALITY AT ITS FINEST.

Z-Series Flatwork Ironers are designed to streamline laundry operations with unique features that ensure improved flexibility, heightened production and the highest-quality finishing standards. Available in multiple finishing widths and 13- or 20-inch diameter rolls, Z-Series Ironers quickly and properly finish damp flat goods without the need for time consuming dryer conditioning.

HIGH QUALITY RESULTS WITHOUT DRYER CONDITIONING

Z-Series Flatwork Ironers feature an exclusive Kinematic® strap tensioning system that applies three-and-a-half times more pressure to linen than traditional roll type ironers. This system, combined with an integrated stainless steel vacuum manifold and high BTU input, evaporates moisture quickly—making one pass ironing possible without dryer conditioning. Linens can be fed directly from the washer to the ironer—saving valuable labor and energy!

NO-WAX FINISHING MEANS LESS MESS & HASSLE

Z-Series Heated-Roll Ironers bring no-wax finishing technology to laundries. Thanks to machined-steel cylinders, which are mirror polished and chrome plated, laundries avoid the messy, high-maintenance application and stripping of roll wax. Not only is the no-wax design less hassle, it also reduces the labor and material costs associated with wax maintenance. Plus, it eliminates linen damage caused by wax contact—extending the life of linen and machine feed ribbons and pressure bands.

DURABILITY SECOND TO NONE

Built with enhanced durability, Z-Series Flatwork Ironers are engineered with four and eight lateral bearings, available on 13- and 20-inch models, respectively. The bearings are heavy-duty to prevent failure and are self-aligning—ensuring they are in constant contact with the roll for superior operability and less bearing wear-and-tear. All Z-Series Ironers are backed by a 7-year roll and 5/3-year limited One-Press Care™ warranty.

ERGONOMIC AND EASY TO MAINTAIN

Making the process of feeding linens more efficient, the Z-Series line features a feeding table double the size of OnePress's previous ironing lines, as well as metallic feeding tray that eliminates friction of linen against the feeding tray as it is being fed into the ironer. The smooth finish of the tray aids in dressing the linens for improved feeding efficiency and better ironing results. For simple accessibility and maintenance, Z-Series Ironers feature a quick release side panel for easy access to the drive system and control. The lint drawer pulls out from the back of the machine for easy cleaning and the heat vent exits the top of the machine for ease of installation – especially in tight spaces.

BUILT-IN SAFETY FEATURES

At any laundry, safety comes first. That's why OnePress Z-Series Ironers are designed with built in safeguards including an emergency stop button, electrical circuit safeguards, an independent switch disconnect, a pressure-sensitive hand guard at the ironer feeding area and a manual forward that will advance linen in the event of power failure.

PRODUCTIVITY IS KEY

Our new Z-Series Ironers boast increased processing speeds 40- to 50-percent greater than our previous models. Additionally, we have enhanced performance of our traditional atmospheric burner system and added a new highly-efficient convection radiant burner system for greater efficiency on X20 Models.



Kinematic strap tensioning



heavy-duty lateral bearings



accessible lint screen



oversized feeding table

ATMOSPHERIC BURNER

The atmospheric burner system – available on 13-inch models – is enhanced over previous OnePress models. Combining air and gas together much like a traditional gas stove, the flame touches the cylinder, and the cylinder rotates to iron and dry the fabric.

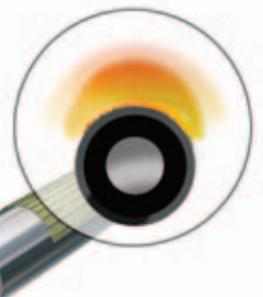


CONVECTION RADIANT BURNER

The convection radiant burner system – available on 20-inch models – works much like a convection oven. A motor on the end of the radiant burner forces air to mix with gas, creating up to 24-percent higher heat output, 8-percent greater efficiency, and more even heat distribution across the ironer than the traditional atmospheric system. This burner option increases power by spreading the heat energy inside the roller.

24%
Higher Heat
Output

8%
Greater
Efficiency



THE DIFFERENCE IS IN THE CONTROL

Z-Series Ironers offer two programmable controls—the Logi and Intelli. OnePress's Logi Control – available on 13-inch models – provides simple control over important ironing variables. The Intelli Control – available on 20-inch models – provides the ultimate in programmability and energy efficiency. The control features an LCD display, allowing the ironer to be easily programmed using a highly intuitive set of icons. The icons display the program, temperature, speed and article length—making it simple to use.

AUTOSPEED—CRITICAL TO BOOSTED LAUNDRY PRODUCTION

All Z-Series Ironers share the exclusive benefit of OnePress's patented AutoSpeed® System. This programmable control option automatically modifies cylinder speed based on variations in the cylinder 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.



SELF-DIAGNOSTIC MAINTENANCE

The Quick Check™ Service package, standard on all Z-Series Ironers, saves laundries time and money. The feature helps users diagnose maintenance and service needs from the control pad. Electrical components, temperature actuators, mechanical functions and safety checks can be performed easily. When service is necessary, Z-Series Ironers are designed with easy-to-remove panels for quick access to the drive system and control.

OPTIONAL FOLDING

OnePress's 20-inch Z-Series Ironers feature an optional integrated folding system that enables automatic folding as linen exits the ironer. A system of photocells where the linen enters and exits calculates the total length of the article. There is no need to enter the measurements for the item.

COMMITTED TO QUALITY AND THE ENVIRONMENT

Z-Series Flatwork Ironers are produced in an ISO9001 and ISO14001-certified manufacturing facility so you can rest assured knowing our ironers are manufactured with the highest quality, safety and environmental standards in mind. With the utmost concern for the environment, Z-Series Ironers were designed to conserve natural resources and were constructed using many recyclable materials.



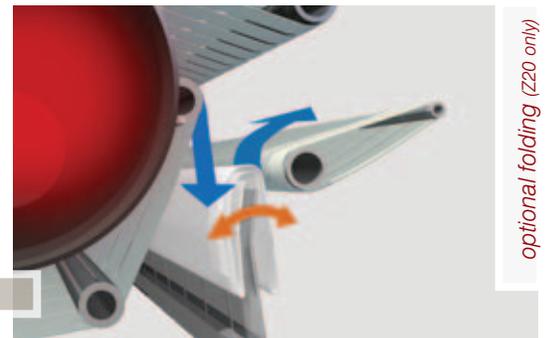
Z20 Control



Z13 Control



measuring photocells (z20 only)



optional folding (z20 only)

Z-SERIES HEATED-ROLL FLATWORK IRONER SPECIFICATIONS

DIMENSIONS & WEIGHTS

		Z13061	Z13084	Z20075	Z20100	Z20125
Cylinder Diameter <i>inch (mm)</i>		12.8 (325)	12.8 (325)	20.1 (510)	20.1 (510)	20.1 (510)
Usable Cylinder Width <i>inch (mm)</i>		60.6 (1540)	83.5 (2120)	74.8 (1900)	99.6 (2530)	124.6 (3165)
Evaporation Capability <i>gal/h (l/h)</i>						
Gas		3.96 (15)	5.28 (20)	7.93 (30)	10.57 (40)	15.85 (60)
Electric		3.96 (15)	5.28 (20)	7.93 (30)	10.57 (40)	13.21 (50)
Steam		—	—	11.1 (42)	14.79 (56)	18.49 (70)
Ironing Speed <i>ft/min (m/min)</i>		3-36 (1-11)	3-36 (1-11)	3-49 (1-15)	3-49 (1-15)	3-49 (1-15)
Net Weight <i>lbs (kg)</i>						
Gas/Electric	<i>without folder</i>	1012 (459)	1237 (561)	2282 (1035)	2788 (1265)	3137 (1423)
	<i>with folder</i>	—	—	2496 (1132)	3069 (1392)	3497 (1586)
Steam	<i>without folder</i>	—	—	2525 (1145)	3031 (1375)	3379 (1533)
	<i>with folder</i>	—	—	2739 (1242)	3312 (1502)	3739 (1696)
Crated Weight <i>lbs (kg)</i>						
Gas/Electric	<i>without folder</i>	1360 (617)	1630 (740)	2834 (1285)	3439 (1560)	3876 (1758)
	<i>with folder</i>	—	—	3080 (1397)	3775 (1712)	4290 (1946)
Steam	<i>without folder</i>	—	—	3076 (1395)	3681 (1670)	4118 (1868)
	<i>with folder</i>	—	—	3323 (1507)	4017 (1822)	4533 (2056)
Machine Width <i>inch (mm)</i>		91.1 (2313)	114 (2895)	111.7 (2837)	136.6 (3470)	161.5 (4103)
Machine Depth <i>inch (mm)</i>		34.3 (872)	34.3 (872)	46.2 (1173)	46.2 (1173)	46.2 (1173)
Machine Height <i>inch (mm)</i>		55.7 (1416)	55.7 (1416)	64.2 (1630)	64.2 (1630)	64.2 (1630)
Feed Height <i>inch (mm)</i>		39.2 (996)	39.2 (996)	40.6 (1030)	40.6 (1030)	40.6 (1030)
Shipping Dimensions <i>inch (mm)</i>						
(WxDxH)	<i>without folder</i>	96.4 x 35.6 x 63 (2448 x 905 x 1600)	119.5 x 35.6 x 63 (3036 x 905 x 1600)	117.6 x 45.5 x 71.9 (2986 x 1155 x 1825)	142.1 x 45.5 x 71.9 (3610 x 1155 x 1825)	167.3 x 45.5 x 71.9 (4250 x 1155 x 1825)
	<i>with folder</i>	—	—	117.6 x 50.6 x 71.9 (2986 x 1285 x 1825)	142.1 x 50.6 x 71.9 (3610 x 1285 x 1825)	167.3 x 50.6 x 71.9 (4250 x 1285 x 1825)
Motor Power <i>HP</i>						
Roller Motor		0.40	0.40	0.40	0.40	0.40
Extraction Motor		0.40	0.40	0.74	0.74	0.74
Exhaust Diameter <i>inch (mm)</i>		4.5 (114)	4.5 (114)	5.1 (130)	5.1 (130)	5.1 (130)
Exhaust Air Flow <i>cfm (m³/h)</i>						
Gas		387 (658)	387 (658)	564 (958)	564 (958)	564 (958)
Electric		353 (600)	353 (600)	1077 (634)	1077 (634)	1077 (634)
Steam		—	—	1077 (634)	1077 (634)	1077 (634)
Electric Heating <i>kW</i>						
208/60/3		12.39	17.44	28.34	37.06	47.32
240/60/3		16.50	23.22	37.73	49.34	63
Gas Burner Type		Atmospheric	Atmospheric	Radiant	Radiant	Radiant
Gas Connection <i>inch (mm)</i>		3/4 N.P.T. (19)	3/4 N.P.T. (19)	3/4 N.P.T. (19)	3/4 N.P.T. (19)	3/4 N.P.T. (19)
Gas Heating <i>BTU/h</i>						
Natural		79,844	98,611	163,100	208,823	256,593
Propane		76,773	102,705	158,323	201,999	256,934
Gas Consumption						
Natural <i>cfm (m³/h)</i>		1.46 (2.48)	1.8 (3.06)	2.98 (5.06)	3.81 (6.48)	4.69 (7.96)
Propane <i>lb/h (kg/h)</i>		3.78 (1.72)	5.06 (2.29)	7.81 (3.54)	9.95 (4.51)	12.66 (5.74)
Gas Pressure <i>inch wc</i>						
Natural		7	7	7	7	7
Propane		11	11	11	11	11
Steam Connection <i>inch (mm)</i>		—	—	1 (25.4)	1 (25.4)	1 (25.4)
Steam Condensate Outlet <i>inch (mm)</i>		—	—	3/4 (19)	3/4 (19)	3/4 (19)
Steam Heating <i>BTU/h</i>		—	—	166,513	221,789	277,748
Steam Consumption <i>lbs/h (kg/h)</i>		—	—	190 (86)	254 (115)	317 (144)
Steam Pressure <i>PSI (bar)</i>		—	—	116 (8)	116 (8)	116 (8)
Safety Valve Connection <i>inch (mm)</i>		—	—	1 (25.4)	1 (25.4)	1 (25.4)
Circuit Protection <i>Amps</i>						
Gas	208-240/60/1	6	6	10	10	10
Electric	208/60/3	63	80	125	160	200
	240/60/3	63	80	125	160	200
Steam	208-240/60/1	—	—	10	10	10
Full Load <i>Amps</i>						
Gas	208-240/60/1	4.7	4.7	6.1	6.1	6.1
Electric	208/60/3	39	53	85	109	137
	240/60/3	44	61	97	125	158
Steam	208-240/60/1	—	—	6.1	6.1	6.1

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

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