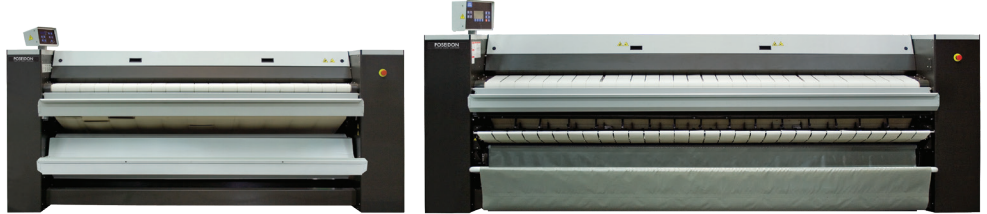


X-SERIES FLATWORK IRONERS

X13
X20

Poseidon Textile Care X-Series Ironers quickly iron flat goods at maximum productivity and to the highest quality standards. Poseidon Ironers perfectly finish tablecloths, napkins, sheets, duvets and pillowcases without the need for dryer conditioning, and messy wax application and removal. Highly productive, efficient and simple to operate, they generate ironing speeds up to 49 feet-per-minute and are available in natural gas and electric models.



PRODUCT FEATURES

- Designed to give laundries the ability to process linen at maximum productivity and to the highest possible quality standard without the need for dryer conditioning and messy wax application and removal.
 - 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.
 - Bring no-wax ironing technology to fabricare operations thanks to machined-steel cylinders, which are mirror polished and chrome plated
- 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.
- Backed by an industry-leading 7/5/3-year limited warranty.
- Feature a large feeding table, for simplified feeding, and a metallic feeding tray to eliminate friction against goods.
- For simple accessibility and maintenance, the ironers offer a quick-release side panel for easy access to the drive system and control, the lint drawer pulls out from the back for easy cleaning, and the heat vent exits the top of the machine for ease of installation.
- 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 advances linen in the event of power failure.
- Offer two programmable controls — the Logi and Inteli.
 - The Logi Control — available on 13-inch models — provides simple control over important ironing variables.
 - The Inteli Control — available on 20-inch models — provides the ultimate in programmability and energy efficiency.
- Feature the exclusive benefit of the patented AutoSpeed® System which 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.
- The standard Quick Check™ Service package helps users diagnose maintenance and service needs from the control pad.
- Poseidon's 20-inch model features an integrated folding system that enables automatic folding as linen exits the ironer.
- The atmospheric burner system — available on 13-inch models — works by combining air and gas together, much like a gas stove. The flame touches the cylinder and the cylinder rotates to iron and dry simultaneously.
- 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, when compared to traditional atmospheric systems.



Kinematic Strap Tensioning



Heavy-Duty Lateral Bearings



Accessible Lint Screen



Oversized Feeding Table

Every dry cleaning/fabricare operation is unique, with a distinctive set of production, quality and efficiency goals. Uniquely, Poseidon Flatwork Ironers deliver the flexibility and programmability to meet any wet cleaning need. The Poseidon team works closely with facilities to properly size and install equipment.



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X-SERIES FLATWORK IRONERS

Nurture a new revenue stream by harnessing the profit-potential of a Poseidon Flatwork Ironer. Feed damp flatwork goods — table linens, duvets, sheets and pillowcases — into a Poseidon Ironer, where they are dried and ironed simultaneously. Provide customers with crisply finished table linens, runners and napkins for holiday celebrations. Cater to hospitality accounts with expertly ironed duvets and bed linens. Rely on Poseidon for superb ironing without dryer pre-conditioning. Durably constructed, Poseidon Ironers are engineered for years of rigorous use.

X-SERIES		X13061	X13084	X20075	X20100	X20125
Cylinder Diameter	inch	12.8	12.8	20.1	20.1	20.1
Usable Cylinder Width	inch	60.6	83.5	74.8	99.6	124.6
Evaporation Capability	gal/h					
	Gas/Electric	3.96	5.28	7.93	10.57	15.85/13.21
	Steam	—	—	11.1	14.79	18.49
Ironing Speed	ft/min	3-36	3-36	4-49	4-49	4-49
Net Weight	lbs					
	Gas/Electric	1012	1237	2496	3069	3497
	Steam	—	—	2739	3312	3739
Crated Weight	lbs					
	Gas/Electric	1360	1630	3080	3775	4290
	Steam	—	—	3323	4017	4533
Machine Dimensions (WxDxH)	inch	91.1 x 34.3 x 55.7	114 x 34.3 x 55.7	111.7 x 46.2 x 64.2	136.6 x 46.2 x 64.2	161.5 x 46.2 x 64.2
Feed Height	inch	39.2	39.2	40.6	40.6	40.6
Shipping Dimensions (WxDxH)	inch	96.4 x 35.6 x 63	119.5 x 35.6 x 63	117.6 x 50.6 x 71.9	142.1 x 50.6 x 71.9	167.3 x 50.6 x 71.9
Motor Power	Hp					
	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	inch	4.5	4.5	5.1	5.1	5.1
Exhaust Air Flow	cfm					
	Gas	387	387	564	564	564
	Electric/Steam	353	353	634	634	634
Electric Heating	kW					
	208/60/3	12.39	17.44	28.34	37.06	47.32
	240/60/3	16.5	23.22	37.73	49.34	63
Gas Connection	inch	3/4 NPT	3/4 NPT	3/4 NPT	3/4 NPT	3/4 NPT
Gas Heating	BTU/h					
	Natural	79,844	98,611	163,100	208,823	256,593
	Propane	76,773	102,705	158,323	201,999	256,934
Gas Consumption	cfm					
	Natural	1.46	1.8	2.98	3.81	4.69
	Propane	3.78	5.06	7.81	9.95	12.66
Gas Pressure	inch wc					
	Natural	7	7	7	7	7
	Propane	11	11	11	11	11
Steam Connection	inch	—	—	1	1	1
Steam Condensate Outlet	inch	—	—	3/4	3/4	3/4
Steam Heating	BTU/h	—	—	166,513	221,789	277,748
Steam Consumption	lbs/h	—	—	190	254	317
Steam Pressure	PSI	—	—	116	116	116
Safety Valve Connection	inch	—	—	1	1	1
Circuit Protection	Amps					
	Gas					
	208-240/60/1	10	10	10	10	10
	Electric					
	208/60/3	70	80	125	160	200
	240/60/3	70	80	125	160	200
Full Load	Amps					
	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

* X20 weight and shipping dimensions include integrated folding system. Specifications subject to change without notice or obligation. Call Poseidon Textile Care for dimensions not shown or for clarification.