

# SPECIFICATION



MODEL	IRI-800x3000			IRI-800x3300		IRI-1200x3000			IRI-1600x3000	
	800x3000x1	800x3000x2	800x3000x3	800x3300x2	1200x3000x1	1200x3000x2	1200x3000x3	1600x3000x1		
<b>Units of Measurement</b>	<b>Matric</b>	<b>US</b>								
Number of Rolls	Roll		1	2	3	2	1	2	3	1
Roller Diameter	mm.	inch	800 (31.5)	800 (31.5)	800 (31.5)	800 (31.5)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1600 (62.9)
Working Width	mm.	inch	3000 (118.1)	3000 (118.1)	3000 (118.1)	3300 (129.9)	3000 (118.1)	3000 (118.1)	3000 (118.1)	3000 (118.1)
Speed Range	M/min	Ft/min	6-20 (20-66)	4-38 (13-125)	5-50 (16-164)	4-38 (13-125)	6-25 (20-82)	5-50 (16-164)	5-65 (16-213)	6-30 (20-98)
<b>Overall Dimensions :</b>										
A - Machine Width	mm.	inch	4290 (168.9")	4290 (168.9")	4290 (168.9")	4650 (183.1")	4520 (178")	4520 (178")	4520 (178")	4530 (178.3")
B - Machine Depth										
: Steam Model	mm.	inch	2490 (98")	3685 (145.1")	4885 (192.3")	3685 (145.1")	2899 (114.1")	4429 (174.4")	6062 (238.7")	3362 (132.36")
: Thermal Oil Model	mm.	inch	2740 (107.9")	4005 (157.7")	5213 (205.2")	3685 (145.1")	2880 (113.4")	4841 (190.6")	6160 (242.5")	3462 (136.3")
C - Machine Height	mm.	inch	1877 (73.9")	1877 (73.9")	1877 (73.9")	1877 (73.9")	2003 (78.9")	2003 (78.9")	2003 (78.9")	2422 (95.4")
<b>Drive System :</b>										
Main Drive Motor	kW	HP	3.7 (5)	7.5 (10)	11 (15)	11 (15)	7.5 (10)	15 (20)	22 (30)	15 (20)
Circulate Motor (Thermal Oil)	kW	HP	5.5 (7.5)	11 (15)	11 (15)	11 (15)	7.5 (10)	11 (15)	22 (25)	11 (15)
Feed belt Motor	kW	HP	0.75 (1)	0.75 (1)	0.75 (1)	0.75 (1)	0.75 (1)	0.75 (1)	1.1 (1.5)	0.75 (1)
Blower Motor	kW	HP	0.75 (1)	0.75 (1)	0.75 (1)	0.75 (1)	1.1 (1.5)	1.1 (1.5)	1.1 (1.5)	1.1 (1.5)
<b>Power System :</b>										
Power Source	V / Hz / Ph		220/380/415 V / 50 Hz / 3 Ph 208-220/440/460 V / 60 Hz / 3Ph							
<b>Compressed Air System :</b>										
Air Flow	Cmm	Cfm	18 (635.6)	36 (1271.2)	54 (1906.8)	36 (1271.2)	30 (1059.3)	60 (2118.6)	90 (3177.9)	90 (3177.9)
Exhaust Dust	mm.	inch	203.2 (8")	203.2 (8")	279.4 (11")	203.2 (8")	279.4 (11")	279.4 (11")	279.4 (11")	279.4 (11")
Air Inlet Connection	NPT		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Air Vent Connection	NPT		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
<b>Steam Model :</b>										
Steam Inlet Connection	Flange		2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
Steam Outlet Connection	NPT		1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
Steam Pressure	bar	psi	8.3-10.3 (120-150)	8.3-10.3 (120-150)	8.3-10.3 (120-150)	8.3-10.3 (120-150)	8.3-10.3 (120-150)	8.3-10.3 (120-150)	8.3-10.3 (120-150)	8.3-10.3 (120-150)
Steam Consumption	kg/hr	lb/hr	234.7 (517.39)	391.2 (862.39)	547.7 (1207.39)	434.8 (958.5)	313 (690)	547.7 (1207.39)	704.2 (1552.39)	391.2 (862.39)
Net Weight	kg.	lbs.	4335 (9557)	7441 (16405)	10735 (23667)	8292 (18281)	6275 (13834)	11385 (25100)	17060 (37611)	7441 (16405)
Domestic Shipping Weight	kg.	lbs.	4460 (9833)	7691 (16956)	11110 (24493)	8542 (18832)	6400 (14110)	11653 (25651)	17435 (38438)	7691 (16956)
<b>Thermal Oil Model :</b>										
Gas Inlet Connection	NPT		1"	1"	1"	1"	1"	1"	1-1/2"	1"
Gas Consumption	kcal/hr	btu/hr	138778 (550716)	233878 (929860)	350817 (1392154)	929860 (3689982)	184867 (733610)	326741 (1296614)	418745 (1661713)	233878 (929860)
Net Weight	kg.	lbs.	5227 (11524)	8843 (19495)	12459 (27467)	9442 (20816)	7842 (17289)	13318 (29361)	18794 (41434)	8843 (19495)
Domestic Shipping Weight	kg.	lbs.	5352 (11799)	9093 (20047)	12834 (28294)	9692 (21367)	7967 (17564)	13568 (29912)	19169 (42260)	9093 (20047)

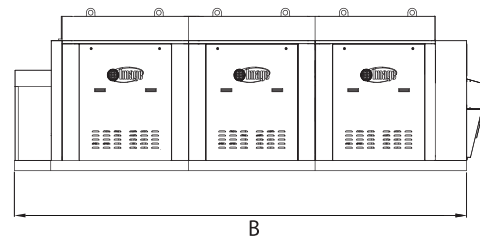
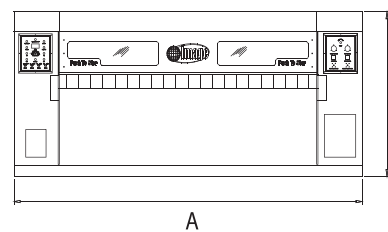
Specification of design is subject to change without notice. For additional options please consult factory and distributor.

## Standard Features :

- Steam heating
- Variable speed drive with inverter
- Speed control with digital read out
- Digital temperature display
- Pneumatically controlled compression rolls with automatic pressure adjustment
- Rolls are raised and locked pneumatically in an extra wide position for easy maintenance
- Electrical and mechanical protection devices
- Three phase electrical service
- High polished heated chest
- Lift off interlocked panels for easy maintenance
- Independent suction fans for moisture evaporation
- Display lamps indicating machine operational status
- Low working pressure signal lamp
- Canopy for energy saving and elimination of radiant heat

## Optional Features :

- Custom made features as required
- 4 rolls configuration
- Nomex padding for longer life (Standard on Thermal oil Model)
- Thermal Oil heated
- Available 3300, 3500, 4000 mm. widths
- Audible signal alarms for low working pressure



## Flatwork Ironer Industrial

## IRI Series

MODEL : IRI-800x3000, IRI-800x3000,  
IRI-1200x3000, IRI-1600x3000

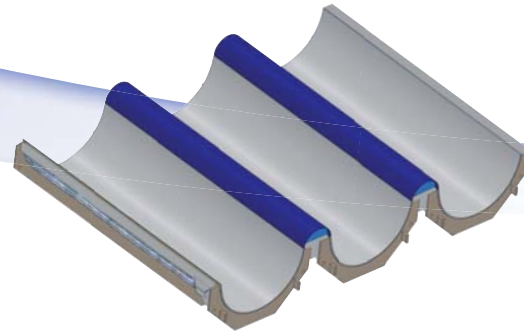
# IRI Series - INDUSTRIAL HIGH PRODUCTIVITY DEEP CHEST IRONERS

**The IRI Series - Industrial High Productivity Deep Chest Ironers for Demanding Commercial, Industrial, Health Care and Hospital Laundries**

## **Built to Last - Protecting Your Investment**

Our high productivity deep chest flatwork ironers offer you an excellent combination of efficiency, quality and convenience, making it the finest flatwork ironer available. The IRI series ironers are a proven line of machines used in professional laundries around the world. The flatwork ironer can easily be interfaced with any feeding or folding machine for further efficiency gains. The investment in this advanced but simple and reliable machine is quite low. Discover this fine product and save on your operation cost and increase your productivity. You will get the best for less.

- Heated gap pieces are used as bridges to connect rolls.
- Independent suction fans for moisture evaporation on each roll.
- As energy saving is always a crucial concern, we ensure that our steam trap and piping system is efficiently installed in order for our ironer to be one of the most energy efficient ironers on the market.



## **Easy to Use Controls and a High Efficiency Inverter Drive for Flexibility**

The IRI series is equipped with a simple-to-use control system that provides precise temperature regulation. The temperatures are shown on a digital readout. The electronic temperature control provides for adjustment of the ironing temperature at any time during operation. A standard high efficiency variable speed inverter controls the speed in an extended speed range to suit the wide variety of fabrics and moisture retentions. The speed can be adjusted at any time during operation. The variable speed drive provided by the inverter reduces the stress on the drive components including sprockets, bearings, shafts and chains. The control panel is equipped with air pressure gauge, steam pressure gauge, roll up and down push button controls, exhaust system control and main roller drive control.



## **The Benefit of Ironing and Image Total Solutions**

Discover the affordable alternative and enjoy quality, reliability and trouble free operation. Several factors can significantly affect laundry equipment performance and operational throughput, as well as the quality of the linen being cleaned and finished in the laundry process.

Using high-speed Image washer-extractors in combination with Image ironers improves the productivity and increases the quality. The most efficient way of removing moisture from linen is by high extraction and ironing. Our ironers are built to handle the linen direct from our washers.

This is the most economical way of producing high quality work as Image total solutions enables savings in energy, time and labour. In addition, the capital expenses for Image quality ironers are significantly lower making it the best for less. The Image ironers are designed for simplicity without complicated controls and devices, therefore preventing causes which can stop production.



## **Highest Level of Safety**

Thoughtful engineering ensures conformity to world safety standards. The controls are simple yet versatile and have all the safety features that are required to protect the machine and the operator. Features such as electrical circuit protection, emergency stops around the machine, safety labels and hand guard with double safety across full width of ironer create peace of mind and long life with less maintenance. Rolls are stopped, lifted and locked in the raised position when electrical power is interrupted or safety finger guard is activated. Environmentally safe temperature resistant textile padding and straps are used. A full size canopy for energy saving and elimination of radiant heat is optionally available.

## **Dependable Drive System - Powerful Evaporation - Easy Maintenance**

A V-belt drive system with advanced AC variable frequency inverter is used for smooth operation. Heavy-duty reliable gear reducers are used for each roller and each roller has its own powerful independent suction fan for collecting evaporated moisture. The IRI series are available with one, two, three or four roll modular steam heated ironing sections and also has the option of using thermal oil to provide a high ironing performance. Heat is generated into the oil by using a gas burner and a pump then transfers the hot oil into the ironing sections where the rolls are located. The first roll in an Image IRI ironer has an accelerated condensate removal system for maximum thermal efficiency and a performance that significantly saves energy and speeds up production. The pendant jog control present simplifies padding maintenance.

