

COMPACT FLATWORK IRONER – IM SERIES

AVAILABLE IN 800x3000mm,
1200x3000mm and 1600x3000mm

Our IM Series of multi-roll, industrial high production deep chest ironers provide an excellent combination of efficiency, quality and convenience.

This model is the finest flatwork ironer available:

- Easily interfaced with any feeding or folding machine
- Easy to use controls
- High efficiency inverter drive for flexibility

FEATURES AND BENEFITS

- 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



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MODEL	METRIC	US	800x3000			1200x3000			1600x3000
			800x3000x1	800x3000x2	800x3000x3	1200x3000x1	1200x3000x2	1200x3000x3	1600x3000x1
Number of rolls	Roll		1	2	3	1	2	3	4
Roller diameter	mm	inch	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")	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)	6-25 (20-82)	5-50 (16-164)	5-65 (16-213)	6-30 (20-98)
Overall dimensions:									
A - Machine width	mm	inch	4290 (168.9")	4290 (168.9")	4290 (168.9")	4520 (178")	4520 (178")	4520 (178")	4530 (178.3")
B - Machine depth									
Steam model	mm	inch	2490 (98")	3685 (145")	4885 (192.3")	2899 (114.1")	4429 (174.4")	1062 (238.7")	3362 (132.36")
Thermal oil model	mm	inch	2740 (107.9")	4005 (157.7")	5213 (205.2")	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")	2003 (78.9")	2003 (78.9")	2003 (78.9")	2422 (95.4")
Drive system:									
Main drive motor	Kw	HP	3.7 (5)	7.5 (10)	11 (15)	7.5 (10)	15 (20)	22 (30)	15 (20)
Circular motor (thermal oil)	Kw	HP	5.5 (7.5)	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)	0.75 (1)
Blower motor	Kw	HP	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)
Power system:									
Power source	V / Hz / Ph		220/380/415 V / 50 Hz / 3 Ph			208-220/440/460 V / 60 Hz / 3 Ph			
Compressed air systems:									
Air flow	Cmm	Cfm	18 (635.6)	36 (1271.2)	54 (1906.8)	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")	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"
Air vent connection	NPT		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Steam model:									
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"
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"
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)
Steam consumption	kg/hr	lb/hr	234.7 (517.39)	391.2 (862.39)	547.7 (1207.39)	313 (690)	547.7 (1207.39)	704.2 (1552.39)	391.2 (862.39)
Net weight	kg	lbs	4335 (9557)	7441 (16405)	10735 (23667)	6275 (13824)	11385 (25100)	17060 (37611)	7441 (16405)
Domestic shipping weight	kg	lbs	4460 (9833)	7691 (16956)	11110 (24493)	6400 (14110)	11653 (25651)	17435 (38438)	7691 (16956)
Thermal oil model:									
Gas inlet connection	NPT		1"	1"	1"	1"	1"	1"	1"
Gas consumption	kcal/hr	btu/hr	138778 (550716)	233878 (929860)	350817 (1392154)	184867 (733610)	326741 (1296614)	418745 (1661713)	233878 (929860)
Net weight	kg	lbs	5227 (11524)	8843 (19495)	12459 (27467)	7842 (17289)	13318 (29361)	18794 (41434)	8843 (19495)
Domestic shipping weight	kg	lbs	5352 (11799)	9093 (20047)	12834 (28294)	7967 (17564)	13568 (29912)	19169 (42260)	9093 (20047)

Cherry Tree reserve the right to amend specification without notice.



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