Specification

Standard Features :

- Heavy duty frame
- Stainless steel panels
- All wetted parts (inner tank and basket) are SUS 304 (18/8) stainless steel
- Air operated door gasket
- Large door opening
- 5 compartment liquid supply dispenser
- 5 external liquid supply connections
- Totally enclosed heavy duty drive motor
- Bearings outside the wash solution
- 3 degree leanback for lower bearing loads
- Heavy duty suspension system
- Cool down
- Water reuse capable
- Voltage: 110/220/380/415/440V AC, 3-Phase, 50/60 Hz.

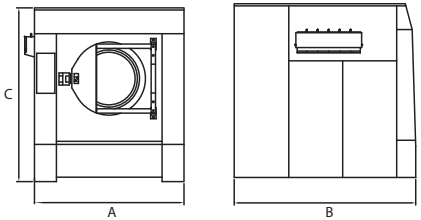
Optional Features :

- Tilt one way for easy unloading
- Tilt two way for loading and unloading
- Direct steam heating
- Air cushion suspension system
- Water reuse inlet and drain
- EMI filter for CE
- PC programming kit
- 10 external liquid supply connections

MODEL			SI110	SI135	SI200	SI225	SI275	SI300	SI475
Units of Measurement	**Metric**	**US**							
Maximum Capacity	kg.	lbs.	49.9 (110)	61.2 (135)	90.7 (200)	102.1 (225)	124.7 (275)	136.1 (300)	215.5 (475)
Overall Dimensions :									
A - Machine Width	mm.	inch	1546 (60.9")	1803 (71")	1880 (74")	1934 (76.1")	2056 (80.9")	2056 (80.9")	2260 (89")
B - Machine Depth	mm.	inch	1776 (69.9")	1853 (73")	2134 (84")	2188 (86.1")	2267 (89.3")	2367 (93.2")	2847 (112.1")
C - Machine Height at full	mm.	inch	1734 (68.3")	1915 (75.4")	1970 (77.6")	2022 (79.6")	2165 (85.2")	2166 (85.3")	2687 (105.8")
Cylinder Information :									
Basket Diameter	mm.	inch	940 (37")	1092 (43")	1168 (46")	1220 (48")	1320 (52")	1350 (52")	1622 (63.9")
Basket Depth	mm.	inch	627 (24.7")	637 (25.1")	802 (31.6")	855 (33.7")	869 (34.2")	968 (38.1")	1007 (39.6")
Basket Volume	cu.m.	cu.ft.	0.44 (15)	0.6 (21)	0.86 (30)	1 (35)	1.19 (42)	1.38 (49)	2.08 (74)
Door Opening and Height :									
Door Opening Diameter	mm.	inch	508 (20")	622 (24.5")	622 (24.5")	622 (24.5")	724 (28.5")	724 (28.5")	1016 (40.0")
Height of Door Bottom Above Floor	mm.	inch	800 (31.5")	845 (33.3")	900 (35.4")	918 (36.1")	927 (36.5")	927 (36.5")	1137 (44.8")
Drive Information :									
Number of Motors	Number		1	1	1	1	1	1	1
Size of Motor	kW	HP	5.6 (7.5)	7.5 (10)	15 (20)	15 (20)	18.5 (25)	22.5 (30)	30 (40)
Cylinder Speeds (Programmable) :									
Wash	RPM	G-Force	39 (0.8)	39 (0.8)	36 (0.8)	36 (0.9)	36 (1.0)	36 (1.0)	30 (0.8)
Distribution	RPM	G-Force	62 (2)	62 (2)	60 (2.4)	60 (2.5)	60 (2.7)	60 (2.7)	55 (2.7)
Extract 1 (Distribution Speed)	RPM	G-Force	390 (80)	390 (80)	350 (80)	350 (84)	350 (90)	350 (90)	300 (82)
Extract 2 (High Speed)	RPM	G-Force	780 (320)	780 (320)	700 (320)	700 (334)	700 (362)	700 (362)	600 (326)
Water Inlet and Consumption :									
Hot Water Size	NPT		1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"
Cold Water Size			1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"
Additional Water Inlet			1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"
Average HOT Water Consumption/Cycle	liters	gal	70 (18)	103 (27)	128 (34)	N/A	149 (39)	163 (43)	163 (43)
Average COLD Water Consumption/Cycle	liters	gal	182 (48)	232 (61)	332 (91)	N/A	447 (118)	491 (130)	491 (130)
Drain Outlets and Capacity :									
Number of Drains	Standard	Optional	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)
Drain Size	mm.	inch	101.6 (4")	101.6 (4")	101.6 (4")	101.6 (4")	101.6 (4")	101.6 (4")	152.4 (6")
Drain Capacity	liters/min	gpm	1530 (404)	1643 (434)	1698 (448)	1698 (448)	1800 (475)	1800 (475)	1800 (475)
Steam Inlets and Consumption :									
Steam Inlet Connection	NPT		3/4"	3/4"	1"	1"	1"	1"	1 1/4"
Steam Pressure	bar	Psi	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)
Steam Consumption	kg/hr	lb/hr	72 (158)	88 (194)	117 (258)	N/A	120 (265)	120 (265)	120 (265)
Compressed Air System :									
Air Inlet Connection	NPT		3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Air Pressure	bar	Psi	5.4-6.7 (80-100)	5.4-6.7 (80-100)	5.4-6.7 (80-100)	5.4-6.7 (80-100)	5.4-6.7 (80-100)	5.4-6.7 (80-100)	5.4-6.7 (80-100)
Power of Electrical Heating :									
Electrical Power	kW		36	36	48	48	48	60	N/A
Weight and Shipping Information :									
Net Weight	kg.	lbs.	1892 (4171)	2321 (5117)	3080 (6790)	N/A	4174 (9202)	4271 (9416)	7390 (16292)
Domestic Shipping Weight	kg.	lbs.	2008 (4463)	2390 (5269)	3190 (7033)	N/A	4254 (9379)	4351 (9592)	7490 (16513)

*** The technical data listed above are based on standard features only. To get information for optional features please contact factory and distributor.*

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



ISO 13485 : 2016 ISO 9001 : 2015

ISO 14001 : 2015 ISO 45001 : 2018 ISO 50001 : 2018

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Image Laundry Systems

SI



Washer Extractor

SI Series

MODEL : SI110, SI135, SI200, SI225
SI275, SI300, SI475



SI Series - SOFTMOUNT

The Image SI Series - Softmount High-Speed Industrial Strengh Washer-Extractors for Medium to Large Size On Premises, Commercial and Industrial Laundry Applications, including Resort Hospitality, Health Care and Correctional Facilities

Built to Last-Protecting your Investment

This is the ultimate freestanding machine for industrial use. The robust design will last for years and the performance has proven to be extremely reliable. The SI model is designed and manufactured with quality in mind using fewer parts than any other washer-extractor in the market today, while still maintaining greater flexibility and strength. This is the key to the reliable performance of the machine. Fewer parts mean less to break and service, yielding a low maintenance cost over the life of the machine. The main bearings are located outside the wash solution and will not be damaged should the main seals leak. Tilting, one or two-way, is an option on all machines. The tilt improves productivity and eliminates unloading difficulties. Water reuse, central liquid supply systems and other external devices can easily be connected to the machines making it very versatile for any medium to large size laundry. The freestanding design allows for installation of the machines in unconventional places on upper floors. The SI models are an unsurpassed solution to savings in laundries as drying time, operating time, utility consumption and labor expenses can be reduced significantly while increasing the productivity. Best of all it is surprisingly affordable.

Advanced Touch Screen Microprocessor Control

The IMAGE Touch Screen Controller (IWT) is an advanced, user-friendly Micro-processor Control system featuring an intuitive GUI, automatic and semi-automatic operation, up to 50 customizable wash programs, programmable wash sequences, multi-language support, USB & SD card connectivity, precise control of water levels, temperature, wash speeds, drainage and chemical dosing, and end-of-cycle alarms for washing and spinning processes.



Large Door Opening and Reliable Door Lock

The oversized stainless steel door opens 160 degrees for easy loading and unloading, featuring a durable hinge, leak-proof silicone gasket, and a safe electro-mechanical interlocking system that prevents the door from opening while the machine is operating.

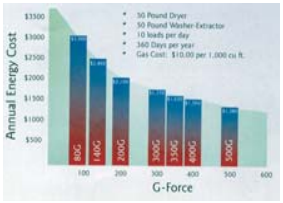


Supply Dispenser and External Liquid Supply Connection

The machine is equipped with a 5-compartment dispenser for liquid detergents only, featuring 6 supply signals, liquid connections, and automatic flushing during the wash cycle.



High Speeds save Energy,Time and Money



A factor that can significantly affect the operation throughput in a laundry is the machine' s extraction speed. A machine with a G-force of 350G will save a significant amount of energy and time in the drying process compared to a low speed 80G machine, as more water is extracted from the load during the extraction cycle. In fact, the savings of energy and time can pay for the cost of the equipment! Your dryers would not require to work overtime, either. Goods can even be taken straight from the washer-extractor to an ironer or finisher without slowing down the productivity. The high speed, or G-force, is the driving factor. By utilizing the inverter technology it has been possible to achieve this high-speed extraction in freestanding machines. The inverter automatically measures the out-of-balance electronically and decides if the machine can proceed to high speed, generating a high G-force.

Robust Energy Efficient Drive

The machine features a single totally enclosed motor controlled by an Inverter Drive Control system, providing flexible motor speed control, reduced peak power demand and inrush current, energy savings, and protection against motor overload and overvoltage. It also enables high extraction speeds, reducing drying time and energy consumption.



Totally Enclosed High Efficiency Motor

A hostile duty totally enclosed cast iron motor drives the machine at all speeds. It is completely controlled and protected by the inverter drive. A cooling fan provides continuous airflow to the motor for extra long life.



Freestanding Construction and an Unsurpassed Suspension System

The freestanding machine features a dynamically tuned suspension system with heavy-duty springs, industrial shock absorbers, and air cushion suspension to reduce vibration. The system also detects abnormal vibration during extraction and automatically stops the machine when vibration exceeds the preset limit, ensuring safe operation, reduced maintenance, and long service life.
A high extraction force of up to 320G reduces drying time and energy consumption.





Power and Realiability at Work - Bearings and Seals

The machines are provided with spherical roller bearings mounted in cast steel housings. The bearings are located outside of the wash solution and will not be damaged if the seals leak. The cylinder shaft is constructed from high tensile strength steel and hard chromed for corrosion resistance. Seals are easy to access and replace. V-Belts and heavy-duty pulleys provide a safe and long lasting drive system.

