

SPECIFICATION



Standard Features :

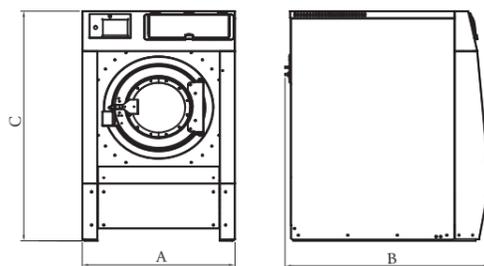
- All wetted parts are 304 (18/8) stainless steel
- 1 compartment supply dispenser
- 5 external liquid supply connections
- Advanced microprocessor
- 350G extract force
- 5 degree lean back for strength and easier loading
- Built in vacuum breaker
- Variable speed frequency inverter
- Single motor drive
- Cool down
- Robust spring suspension with industrial shock absorbers
- Water reuse adaptable

Optional Features :

- Direct steam heating
- Electrical heating
- 5 compartment dispenser
- Water reuse drain and inlet
- EMI filter CE
- PC programming kit
- 10 external liquid supply connections

MODEL			SP-30	SP-40	SP-50	SP-65	SP-75	SP-85	SP-100	SP-130	SP-155	SP-185		
Units of Measurement			Matric	US										
Maximum Capacity			kg	lbs.	13.6 (30)	18.1 (40)	22.7 (50)	29.5 (65)	34.0 (75)	38.6 (85)	45.4 (100)	59.0 (130)	70.3 (155)	83.9 (185)
Overall Dimensions :														
A - Machine Width	mm.	inch	923 (36.3")	923 (36.3")	923 (36.3")	1003 (39.5")	1003 (39.5")	1203 (47.4")	1203 (47.4")	1370 (53.9")	1440 (56.7")	1520 (59.8")		
B - Machine Depth	mm.	inch	1139 (44.8")	1139 (44.8")	1199 (47.2")	1277 (50.3")	1277 (50.3")	1297 (51.1")	1441 (56.7")	1615 (63.6")	1872 (73.7")	1784 (70.2")		
C - Machine Height	mm.	inch	1459 (57.4")	1459 (57.4")	1459 (57.4")	1609 (63.3")	1609 (63.3")	1809 (71.2")	1809 (71.2")	1803 (71")	1830 (72")	1894 (74.6")		
Cylinder Information :														
Basket Diameter	mm.	inch	680 (26.8")	680 (26.8")	680 (26.8")	790 (31.1")	790 (31.1")	920 (36.2")	920 (36.2")	1067 (42")	1092 (43")	1174 (46.2")		
Basket Depth	mm.	inch	370 (14.6")	490 (19.3")	545 (21.5")	560 (22")	635 (25")	539 (21.2")	683 (26.9")	627 (24.7")	724 (28.5")	746 (29.4")		
Basket Volume	cu.m.	cu.ft.	0.13 (5)	0.18 (6)	0.2 (7)	0.27 (10)	0.31 (11)	0.36 (13)	0.45 (16)	0.56 (20)	0.68 (24)	0.81 (29)		
Door Opening and Height :														
Door Opening Diameter	mm.	inch	365 (14.4")	365 (14.4")	365 (14.4")	450 (17.7")	450 (17.7")	510 (20.1")	510 (20.1")	509 (20")	635 (25")	635 (25")		
Height of Door Bottom Above Floor	mm.	inch	662 (26.1")	590 (23.2")	675 (26.6")	680 (26.8")	715 (28.1")	740 (29.1")	740 (29.1")	820 (32.3")	830 (32.7")	870 (34.2")		
Drive Information :														
Number of Motors	Number		1	1	1	1	1	1	1	1	1	1		
Size of Motor	kW	HP	1.5 (2)	2.2 (3)	2.2 (3)	3.7 (5)	3.7 (5)	7.5 (10)	7.5 (10)	7.5 (10)	11 (15)	15 (20)		
Cylinder Speeds (Programmable) :														
Wash	RPM	G-Force	46 (0.8)	46 (0.8)	46 (0.8)	42 (0.8)	42 (0.8)	39 (0.8)	39 (0.8)	36 (0.8)	36 (0.8)	35 (0.8)		
Distribution	RPM	G-Force	73 (2)	73 (2)	73 (2)	67 (2)	67 (2)	62 (2)	62 (2)	64 (2.5)	64 (2.5)	62 (2.5)		
Extract 1	RPM	G-Force	363 (50)	363 (50)	363 (50)	336 (50)	336 (50)	309 (50)	309 (50)	360 (80)	360 (80)	380 (95)		
Extract 2	RPM	G-Force	960 (350)	960 (350)	940 (336)	890 (350)	890 (350)	817 (350)	817 (350)	767 (350)	750 (350)	725 (350)		
Water Inlets and Consumption :														
Hot Water Size	NPT		3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1-1/4"		
Cold Water Size	NPT		3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1-1/4"		
Additional Water Inlet	NPT		3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1-1/4"		
Average HOT Water Consumption/Cycle	liters	gal	N/A	23 (6)	24 (6)	45 (12)	48 (13)	48 (13)	60 (16)	91 (24)	105 (28)	111 (29)		
Average COLD Water Consumption/Cycle	liters	gal	N/A	69 (18)	75 (20)	102 (27)	145 (38)	138 (36)	172 (46)	217 (57)	252 (67)	318 (84)		
Drain Outlets and Capacity :														
Number of Drains	Standard	Optional	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)		
Drain Size	mm.	inch	50.8 (2")	50.8 (2")	50.8 (2")	76.2 (3")	76.2 (3")	76.2 (3")	76.2 (3")	101.6 (4")	101.6 (4")	101.6 (4")		
Drain Capacity	liters/min	gal/min	N/A	248 (66)*	248 (66)*	604 (160)*	604 (160)*	654 (173)*	654 (173)*	1256(332)*	1271 (336)*	1320 (349)*		
Steam Inlet and Consumption :														
Steam Inlet Connection	NPT		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	1"	1"		
Steam Pressure	bar	psi	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)	8 (125)		
Steam Consumption	kg/hr	lb/hr	N/A	63 (139)	79 (174)	94 (206)	121 (266)	127 (280)	149 (328)	182 (402)	217 (477)	256 (564)		
Compressed Air System :														
Air Inlet Connection	NPT		N/A	3/8"	3/8"	3/8"								
Air Pressure	bar	psi	N/A	5.4-6.8 (80-100)	5.4-6.8 (80-100)	5.4-6.8 (80-100)								
Power of Electrical Heating :														
Electrical Power	kW		9	12	12	24	24	36	36	36	48	48		
Weight and Shipping Information :														
Net Weight (approx.)	kg.	lbs.	N/A	541 (1192.7)	569 (1254.4)	607 (1338.2)	635 (1399.9)	750 (1653.5)	1003 (2211.2)	1183 (2608.2)	1943 (4283.6)	2123 (4680.4)		
Domestic Shipping Weight (approx.)	kg.	lbs.	N/A	564 (1243.4)	592 (1305.1)	633 (1395.5)	661 (1457.3)	776 (1710.8)	1037 (2286.2)	1233 (2718.3)	1996 (4400.4)	2200 (4850.2)		

** 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.



Washer Extractor

SP Series

MODEL : SP-30, SP-50, SP-65, SP-75, SP-85,
SP-100, SP-130, SP-155, SP-185



SP Series - SOFTMOUNT

The Image SP Series - Softmount High-Speed Professional Washer - Extractors for Small to Medium Size Demanding On - Premise Laundry Applications, including Health Care, Hospitality and Drycleaners/ Wet Cleaning.

SP-30, 40, 50, 65, 75, 85, 100

The SP Series - Outstanding Reliability and Efficiency at an Affordable Price

The SP series is a breakthrough for suspended freestanding washer-extractors. The advanced technological features used in this model have made it possible to make a machine that is easy to manufacture and operate at low cost. This is achieved without reducing the quality of the product or the performance. The high speed (G-force) brings down the moisture retention to levels that save significant amounts of energy and time. Labor cost will be reduced and productivity will increase. The SP models generate G-forces almost 4 times greater than conventional standard "Hardmount" machines. The suspension system is soft and absorbs the majority of the vibrations transferred to the floor. The 5 degree lean back of the cylinder will significantly reduce the balance problems and reduce the load on the shaft and bearings increasing the life expectancy. The freestanding models reduce and eliminate variables associated with the installation of "Hardmount". In comparison with "Hardmount" machines the installation cost is minimal because of the fact that there is no need for concrete foundations, waiting for curing, grouting or hole drilling. A freestanding machine can be setup and running in a matter of hours while a "Hardmount" machine, that requires concrete and grouting, can take weeks before they are ready to start up. The SP models can be installed in the most unconventional locations including upper floors in high buildings with little or no preparation and cost. They can freely be moved to other places in the laundry site should it be necessary to relocate or expand the operation. All these features make the SP models surprisingly affordable to install and the savings could pay for the machines in short time. The SP models are the ultimate solution to savings in laundries as drying time, operating time, utility consumption and labor expenses can be reduced significantly while increasing the productivity.



SP-130, 155, 185

Powerful Control System

IMAGE Touch Screen Controller "IWT" is an industrial washing machine control system that can program different types of laundry by using IWS (Image Washer Software). The IWS helps to use these wash patterns, which are easy to install on the machine such as quick run management and GUI (Graphics User Interface). Serial flash memory holds important information about reliable flash memory and will not lose data when used for a long time. It can be connected by a USB device to transfer programs and function or to a computer for formatting a wash via IWS software. The program can be programmed to display on the touch screen in five languages and up to 10 levels of brightness can be adjusted. In addition, it has temperature sensor in a wash system that is accurate and waterproof, also water level sensor in a basket with a resolution and high accuracy. Buzzer Alarm there is a working tone to indicate the status of the machine.



Large Door Opening and Safe Door Interlock

Loading and unloading are fast and easy through the oversized door that opens 165 degrees. The door is constructed of stainless steel, supported with a highly durable stainless steel hinge design and located at a convenient height for laundry carts. SP Series Washer Extractors with capacities up to 100 lbs are assembled with a silicone door gasket is designed for long life and seals to the shell every time without leaking. Also, SP Washer Extractors with capacities up to 100 lbs has a powerful, safe and easy to operate electro-mechanical door interlocking system. Washer Extractors with capacities over 100 lbs has a silicone door gasket that is safely pneumatically pressured providing extra sealing strength. Furthermore, SP Washer Extractors with capacities over 100 lbs are equipped with a highly robust, yet easy to operate mechanical-pneumatic door interlocking system.



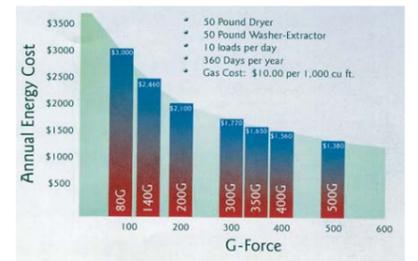
SP-40, 50, 65, 75, 85, 100



SP-130, 155, 185, 200

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.



Supply Dispenser and External Liquid Supply Connection

Machines connected to a central liquid system have a single compartment supply dispenser as standard. A five compartment dispenser is optional for machines using powder chemicals. The dispenser is mounted in the front of the machine at a convenient height for easy reach. The location of the dispenser allows machines to be placed next to each other. The dispenser is flushed automatically. All machines are provided with five supply signals and liquid connections as standard.



Robust Energy Efficient Drive

The machine is provided with a single totally enclosed standard motor that is controlled electronically by a variable frequency drive, which makes the machine control simple and very flexible. The inverter reduces the peak energy demand, saving energy and lowers the inrush current. It is also a watchdog for the motor, protecting against overload and over voltage. The single motor drive and inverter eliminates clutches, gear reducers and idlers, plus reduces the use of electro-mechanical components such as contactors and relays. It provides a powerful yet simple drive alternative that is more economical than multi-motor drives. The inverter makes it possible to achieve high extract speeds, which significantly saves energy and time in the drying process.



Freestanding Construction

A freestanding machine at hardmount pricing, plus all the benefits such as reduced installation costs and productivity increase, make the SP models superior. No need for expensive foundation or floor modifications. A G-force of 350G means less time in the dryer, saving energy and money. Look inside the SP models and you discover a suspension system that is unsurpassed with heavy springs and industrial shock absorbers. This means lower maintenance costs and a super long machine life.



Solid Bearing Housing

Rugged cast iron construction is used in our single durable bearing housing. The single bearing housing increases the structural integrity and provides for a longer bearing and seal life. The revolutionary special application bearing used in the machine is the ultimate long-life solution for high-speed washers that the industry has been searching for. The shaft is made of high tensile strength steel that meets the high standards used for load calculation of bearings and shaft. Two double lip seals and face seals protect the bearings. The seals as well as the bearings can be greased manually, yielding longer life. The machines have a provision for easy installation of automatic lubricators. Should the seals leak, the main bearings will not be damaged, thanks to an extra large leak off area in the bearing housing. A large leak off area is the answer to long bearing life, as water cannot enter the bearings.

