

SI

*Series*  
*110 pound*  
*135 pound*  
*200 pound*  
*275 pound*  
*300 pound*



Washer Extractor

# Specifications

MODEL	Metric	US	SI - 110	SI - 135	SI - 200	SI - 275	SI - 300
Maximum Capacity	Kgs.	Lbs.	60 (110)	61.2 (135)	90.7 (200)	124.7 (275)	135 (300)
<b>Overall Dimension :</b>							
A - Width	mm.	Inch.	1420 (55.39)	1630 (64.17)	1705 (67.12)	1880 (74.01)	1880 (74.01)
B - Depth	mm.	Inch.	1700 (66.9)	1800 (70.86)	2070 (81.5)	2200 (86.61)	2300 (90.55)
C - Height	mm.	Inch.	1735 (68.3)	1915 (75.39)	2160 (85.03)	2160 (85.03)	2160 (85.03)
<b>Wash Cylinder Information :</b>							
Basket Diameter	mm.	Inch.	940 (37)	1092 (43)	1169 (46)	1321 (52)	1321 (52)
Basket Depth	mm.	Inch.	635 (25)	635 (25)	813 (32)	864 (34)	965 (38)
Basket Volume	Cu.m.	Cu.ft.	0.44 (15.56)	0.6 (21)	0.87 (30.8)	1.18 (41.8)	1.32 (4.7)
<b>Motor :</b>							
Size	kW	HP	5.6 (7.5)	7.5 (10)	15 (20)	18.75 (25)	22.5 (30)
<b>Cylinder Speeds (Programmable) :</b>							
Wash	G	rpm	0.8 (39)	0.8 (36)	0.8 (35)	0.8 (33)	0.8 (33)
Distribution	G	rpm	2 (62)	2.5 (64)	2.5 (62)	2.6 (60)	2.6 (60)
Intermediate extraction	G	rpm	80 (390)	79 (360)	94 (380)	80 (330)	80 (330)
High extract 1	G	rpm	140 (515)	140 (480)	141 (465)	140 (435)	140 (435)
High extract 2	G	rpm	218 (645)	220 (600)	220 (580)	220 (545)	220 (545)
High extract 3	G	rpm	320 (780)	320 (725)	320 (700)	321 (660)	321 (660)
<b>Door Opening :</b>							
Door Opening Diameter	mm.	Inch.	508 (20)	622 (24.5)	622 (24.5)	724 (28.5)	724 (28.5)
Height to bottom of door	mm.	Inch.	800 (31.5)	845 (33.3)	900 (35.4)	927 (36.5)	927 (36.5)
<b>Drain System :</b>							
Overflow Size	mm.	Inch.	63.5 (2.5)	63.5 (2.5)	63.5 (2.5)	63.5 (2.5)	63.5 (2.5)
Drain Outlet Size	mm.	Inch.	101.6 (4)	101.6 (4)	101.6 (4)	101.6 (4)	101.6 (4)
Number of Drain Outlet	Standard	Optional	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)
<b>Steam Inlet :</b>							
Connection Size	NPT		3/4"	3/4"	1"	1"	1"
<b>Water Inlet :</b>							
Connection Size	NPT		1	1 1/4"	1 1/4"	1 1/4"	1 1/2"
Number of Inlets	Standard	Optional	2	2	2	2	2
<b>Chemical Supply System :</b>							
Number of Dry Chemical Compartments	Standard	Optional	5	5	5	5	5
Number of Liquid Supply Connections	Standard	Optional	5	5	5	5	5
Liquid Supply Connection Size	NPT		1/2"	1/2"	1/2"	1/2"	1/2"
<b>Weight and shipping Information :</b>							
Net weight	Kgs.	Lbs.	1500 (3300)	2180 (4800)	2680 (5900)	3860 (8500)	4090 (9000)
Domestic Shipping Weight	Kgs.	Lbs.	1600 (3528)	2330 (5138)	2880 (6350)	4130 (9107)	4430 (9768)

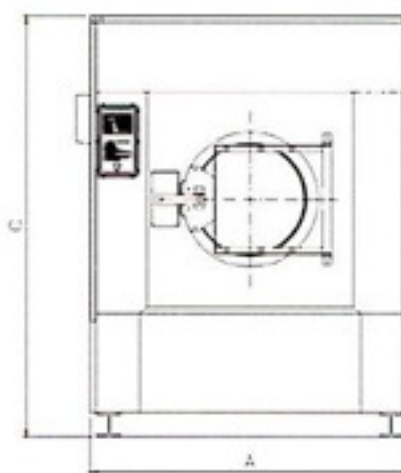
Specification and Design subject to change without notice  
Additional options : Consult factory or distributor

## Standard Features :

- Heavy duty frame
- Stainless steel panels
- All wetted parts are 304 (18/8) stainless steel
- Air operated door gasket
- Large door opening
- 5 compartment supply dispenser
- 6 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
- Water reuse capable

## Optional Features :

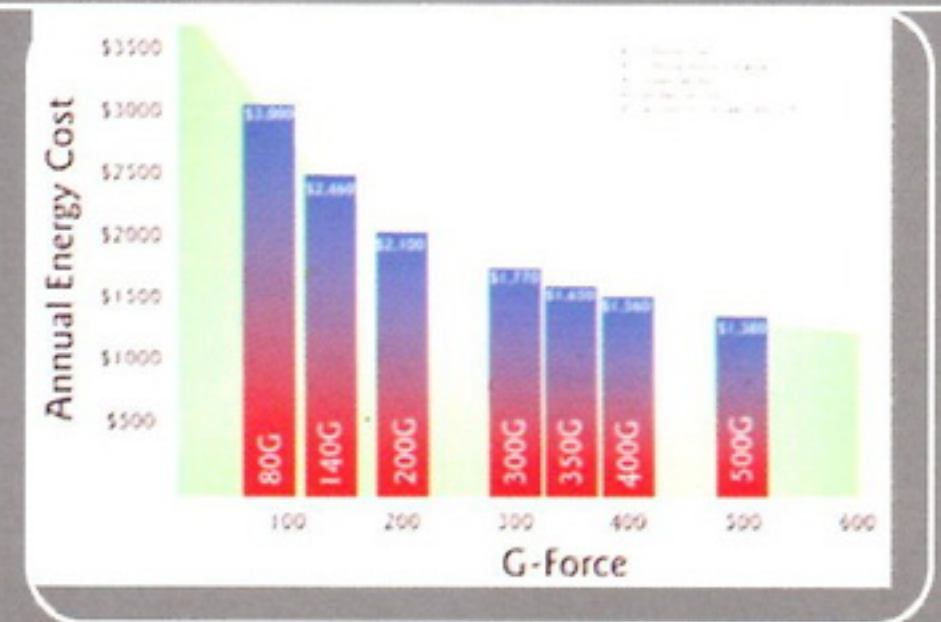
- Tilt one way for easy unloading
- Tilt two way for loading and unloading
- Direct steam heating
- Air cushion suspension system
- Water reuse inlet and drain
- EMI filter for CE
- PC programming kit



# High Speed Industrial Strength Washer-Extractors

## 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 320G 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 energy and time savings can pay for the cost of the equipment! Your dryers would not work overtime, either. Goods can 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 frequency inverter technology it is possible to achieve this high-speed extraction in freestanding machine. The inverter automatically measures the out of balance and decides if the machine can proceed to the high speed and G-force.



## Robust Energy Efficient Drive

The machine is provided with a single totally enclosed standard motor that is controlled electronically by a variable frequency drive. The inverter reduces the peak energy demand, saves energy and lowering 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 while reducing the use of electromechanical 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 higher extract speeds, which significant saves energy and time in the drying process.

## Power and reliability 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.

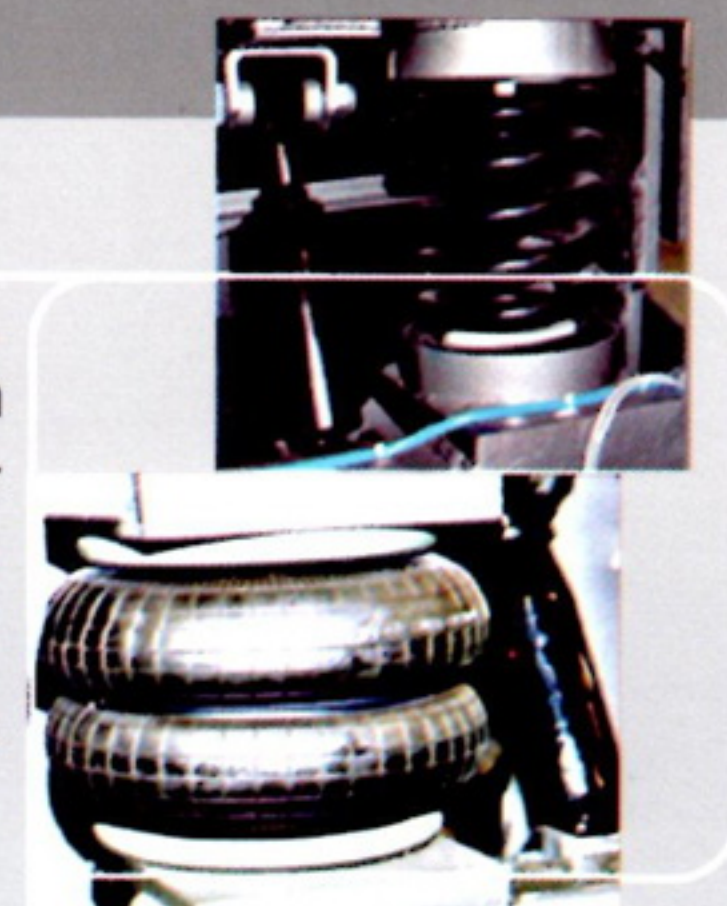


## Totally Enclosed High Efficiency Motor

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

A freestanding machine built to last at an affordable price plus all the benefits such as reduced installation costs and productivity increases make the SI models superior. No need for expensive foundation or floor modifications. A G-force of 320G means less time in the dryer, saving energy and money. Look inside the SI models and you discover a dynamically tuned suspension system with heavy springs and industrial shock absorbers. This means lower maintenance costs and super long life. An air cushion suspension design is optional.



# SI

## Series - SOFTMOUNT

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

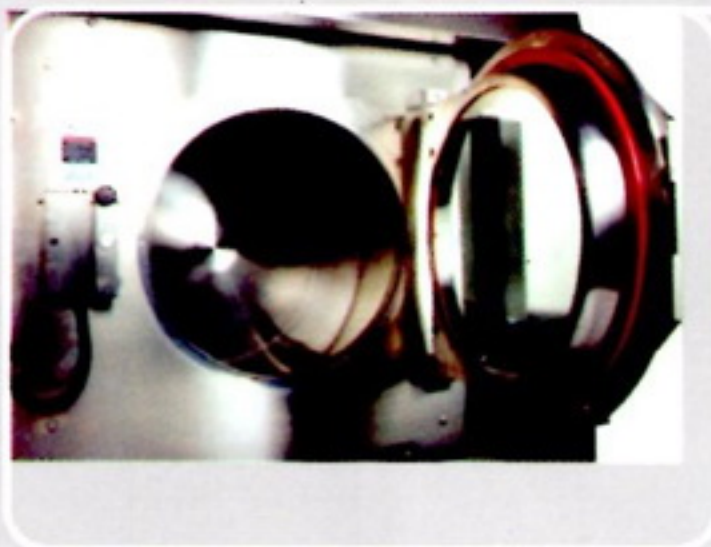
### Built to last-Protecting your Investment

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 over time. Tilting, one or two-way, is an option on all machines. The tilt improves productivity and eliminates difficult unloading work. 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.



### Powerful Flexible Control

The EL 6 control center is easy to use and has the features needed for maximum productivity and lowest cost of operation. The microprocessor controls the temperatures, water levels, speeds and maintenance intervals. A thermal cool down is programmable that will ensure optimal performance for any garments that require special wrinkle control and other special treatments. It can be programmed from the keypad or with a laptop computer. It can also be used with a memory card that significantly simplifies the programming at installation. The EL 6 can be programmed to display in five languages and keep track of operation times, number of cycles and maintenance. It has features for programming any wash activity to meet today and tomorrow's demand for water treatment of textile fiber and garments. It is the most flexible control yet developed for the stand-alone commercial and industrial washers in the industry and has proven track record for reliability.



### Large Door Opening and Reliable Door Lock

Loading and unloading are fast and easy through the oversized door that opens 180 degrees away from laundry carts. The door is located at a convenient height for laundry carts. The door is constructed of stainless steel and built with an oversize stainless steel hinge for extra strength and durability. The silicon door gasket is long lasting and seal to the shell every time without leaking every time without leaking. Complying with world standards, our door interlock is built with heavy gauge material and designed to last. Double fail-safe technology provides peace of mind for the life of the equipment.

### Supply Dispenser and External Liquid Supply Connection

A five (5) compartment dispenser for both liquid and powder detergents is standard. The dispenser is mounted on the left side of the machine at a convenient height for easy reach. The dispenser is flushed automatically during the wash cycle. All machines are provided with a six (6) supply signals and liquid connections as standard equipment.

