



SI

Washer Extractor

Industrial
110 pound
135 pound
200 pound
275 pound
300 pound





SI Series - SOFTMOUNT

The 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 bearing are located outside the wash solution and will not be damage should the main seals leak over time. Tilting, one or two-way, is an option on all machines. The tilt will improve productivity and eliminate difficult unloading work. Water reuse, central liquid supply systems and other external devices can easy 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.

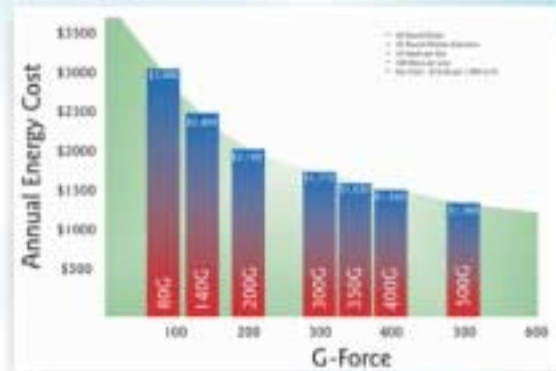


Powerful Advanced Computer Control Center

The advanced EL 6 electronic 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 both individual and with a PC. 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.

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 measuring the out of balance and decide if the machine can proceed to the high speed and G-force.



Large Door Opening

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 door gasket made of the best material is long lasting and seal to the shell every time without leaking. Complying with world standard, 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.

High Speed Industrial Washer - Extractors



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 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 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 saves energy and time in the drying process.

Supply Dispenser and External Liquid Supply Connection

A five (5) compartments 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.



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.



Specifications

MODEL	US	Metric	SI - 110	SI - 135	SI - 200	SI - 275	SI - 300
Maximum Capacity	Lbs.	Kgs.	110 (60)	135 (61.2)	200 (90.7)	275 (124.7)	300 (135)
Overall Dimension :							
A - Width	Inch.	mm.	55.39 (1420)	64.17 (1630)	67.12 (1705)	74.01 (1880)	74.01 (1880)
B - Depth	Inch.	mm.	66.9 (1700)	70.86 (1800)	81.5 (2070)	86.61 (2200)	90.55 (2300)
C - Height	Inch.	mm.	68.3 (1735)	75.39 (1915)	85.03 (2160)	85.03 (2160)	85.03 (2160)
Wash Cylinder Information :							
Basket Diameter	Inch.	mm.	37 (940)	43 (1092)	46 (1169)	52 (1321)	52 (1321)
Basket Depth	Inch.	mm.	25 (635)	25 (635)	32 (813)	34 (864)	38 (965)
Basket Volume	Cu.ft.	Cu.m.	15.56 (0.44)	21 (0.6)	30.8 (0.9)	41.8 (1.2)	41.8 (1.2)
Motor :							
Size	HP	KW	7.5 (5.5)	10 (7.5)	20 (15)	25 (18.5)	30 (22.5)
Cylinder Speeds (Programmable) :							
Wash	rpm	G	39.8 (0.8)	36 (0.8)	35 (0.8)	33 (0.8)	33 (0.8)
Distribution	rpm	G	60 (2)	65 (2.5)	63 (2.5)	60 (2.6)	60 (2.6)
Intermediate extraction	rpm	G	390 (80)	360 (79)	380 (94)	330 (880)	330 (80)
High extract 1	rpm	G	515 (139)	480 (140.5)	465 (141)	435 (139.5)	435 (139.5)
High extract 2	rpm	G	645 (218)	600 (219.5)	580 (219.5)	545 (219)	545 (219)
High extract 3	rpm	G	780 (319.5)	725 (320.5)	700 (320)	660 (321.5)	660 (321.5)
Door Opening :							
Door Opening Diameter	Inch.	mm.	20 (508)	24.5 (622)	24.5 (622)	28.5 (724)	28.5 (724)
Height to bottom of door	Inch.	mm.	31.5 (800)	33.3 (845)	35.4 (900)	36.5 (927)	36.5 (927)
Drain System :							
Overflow Size	Inch.	mm.	2.5 (63.5)	2.5 (63.5)	2.5 (63.5)	2.5 (63.5)	2.5 (63.5)
Drain Outlet Size	Inch.	mm.	4 (101.6)	4 (101.6)	4 (101.6)	4 (101.6)	4 (101.6)
Number of Drain Outlet	Standard	Optional	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)
Steam Inlet :							
Connection Size	NPT		3/4"	3/4"	1"	1"	1"
Water Inlet :							
Connection Size	NPT		1	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Number of Inlets	Standard	Optional	2	2	2	2	2
Chemical Supply System :							
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"
Weight and shipping Information :							
Net weight	Lbs.	Kgs.	3300 (1500)	4800 (2180)	5900 (2680)	8500 (3860)	9000 (4090)
Domestic Shipping Weight	Lbs.	Kgs.	3528 (1600)	5138 (2330)	6350 (2880)	9107 (4130)	9768 (4430)

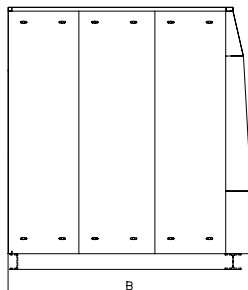
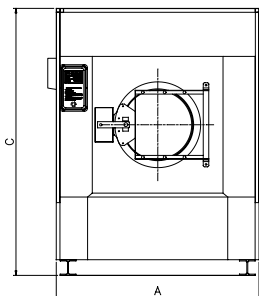
Specification and Design subject to change without notice
Additional options : Consult factory or distributor

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 degrees lean back for lower bearing loads
- Heavy duty suspension system

Optional Features :

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



Conforms to all applicable US and Canadian safety standards.



440 West 11th Street
Panama City, FL 32401
info@bandctech.com
www.bandctech.com