

# SPECIFICATION



## Standard Features :

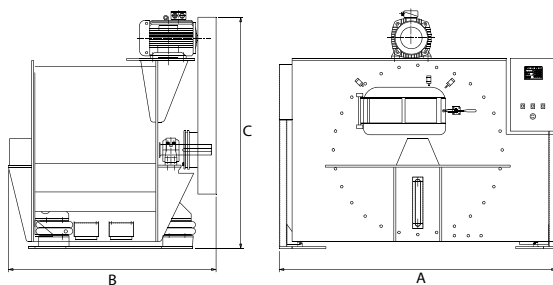
- Single motor with variable speed frequency inverter
- All wetted parts are 304 (18/8) stainless steel
- Heavy-duty spring suspension system anti vibration switch
- 5 compartment automatic supply dispensers
- 5 external liquid supply connections
- Totally enclose heavy duty drive motor
- Bearing outside the wash solution

## Optional Features :

- Automatic jogging system
- Dual rear drain valves
- Front stainless steel panel
- Air cushion suspension system
- Direct steam heating
- Water reuse inlet and drain
- EMI filter for CE
- PC programming kit
- Water reuse capable
- 10 external liquid supply connections

MODEL			SL-230	SL-400	SL-450	SL-485	SL-650
<b>Units of Measurement</b>	<b>Metric</b>	<b>US</b>					
Maximum Capacity	kg.	lbs.	104.3 (230)	181.4 (400)	204.1 (450)	220.0 (485)	294.8 (650)
<b>Overall Dimensions :</b>							
A - Machine Width	mm.	inch	1913 (75.3")	1946 (76.6")	2891 (113.8")	2891 (113.8")	3190 (125.6")
B - Machine Depth	mm.	inch	1892 (74.5")	2180 (85.8")	2228 (87.7")	2278 (89.7")	2349 (92.5")
C - Machine Height	mm.	inch	1974 (77.7")	1897 (74.7")	2450 (96.5")	2450 (96.5")	2595 (102.2")
<b>Cylinder Information :</b>							
Basket Diameter	mm.	inch	1120 (44.1")	1378 (54.3")	1520 (59.8")	1520 (59.8")	1800 (70.9")
Basket Depth	mm.	inch	1065 (41.9")	1070 (42.1")	1120 (44.1")	1170 (46.1")	1194 (47")
Basket Volume	cu.m.	cu.ft.	1.05 (37)	1.6 (56)	2.03 (72)	2.12 (75)	3.04 (107)
Drum Compartment	Number		2	3	2/3*	3	2*/4
<b>Door Opening and Height :</b>							
Door Open Size Width	mm.	inch	355 (13.98")	385 (15.16")	470 (18.5")*	470 (18.5")	550 (21.65")*
Door Open Size Length	mm.	inch	730 (28.74")	714 (28.11")	813 (32")*	813 (32")	900 (35.43")*
<b>Drive Information :</b>							
Number of Motors	Number		1	1	1	1	1
Size of Motor	kW	HP	18.5 (25)	22 (30)	30 (40)	30 (40)	45 (60)
<b>Cylinder Speeds (Programmable) :</b>							
Wash	RPM	G-Force	32 (0.6)	25 (0.5)	25 (0.5)	25 (0.5)	26 (0.68)
Distribution	RPM	G-Force	63 (2.5)	56 (2.4)	50 (2.1)	50 (2.1)	40 (1.7)
Extract 1	RPM	G-Force	323 (65)	291 (65.5)	276 (64.9)	276 (64.9)	230 (54.6)
Extract 2	RPM	G-Force	620 (240)	580 (260.1)	544 (252)	544 (252)	530 (289.7)
<b>Water Inlets and Consumption :</b>							
Hot Water Size	NPT		2"	2"	2"	2"	2"
Cold Water Size	NPT		2"	2"	2"	2"	2"
Additional Water Inlet	NPT		2"	2"	2"	2"	2"
Average HOT Water Consumption/Cycle	liters	gal	167 (44)	262 (69)	313 (83)	339 (90)	600 (164)
Average COLD Water Consumption/Cycle	liters	gal	426 (112)	589 (155)	844 (223)	914 (242)	1498 (396)
<b>Drain Outlets and Capacity :</b>							
Number of Drains	Standard	Optional	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)
Drain Size	mm.	inch	152 (6")	152 (6")	203 (8")	203 (8")	203 (8")
Drain Capacity	liters/min	gal/min	3112 (821)	3433 (906)	6443 (1701)	6443 (1701)	7071 (1867)
<b>Steam Inlet and Consumption :</b>							
Steam Inlet Connection	NPT		1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"
Steam Pressure	bar	psi	8.6 (125)	8.6 (125)	8.6 (125)	8.6 (125)	8.6 (125)
Steam Consumption	kg/hr	lb/hr	219 (484)	325 (717)	416 (916)	448 (987)	647 (1427)
<b>Compressed Air System :</b>							
Air Inlet Connection	NPT		3/8"	3/8"	3/8"	3/8"	3/8"
Air Pressure	bar	psi	8.6 (125)	8.6 (125)	8.6 (125)	8.6 (125)	8.6 (125)
<b>Weight and Shipping Information :</b>							
Net Weight (approx.)	kg.	lbs.	2924 (6446)	4805 (10593)	5792 (12769)	6350 (14000)	8200 (18078)
Domestic Shipping Weight (approx.)	kg.	lbs.	2976 (6561)	4885 (10770)	5938 (13091)	6496 (14321)	8300 (18298)

\*\* 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 9001 : 2015



ISO 14001 : 2015



ISO 13485 : 2016



# Washer Extractor

## SL Series

MODEL : SL 230, SL-400, SL-450, SL-485, SL-650



# SL Series - SOFTMOUNT

**SL Series - Softmount Economical Split Pocket Washer-Extractors for Large On-Premises, Commercial and Industrial Laundries including Resort Hospitality, Health Care and Correctional Facilities**

## **Industrial Reliability, Simplicity and Performance at an Exceptional Value**

The split pocket SL series is a freestanding traditional machine for installations that require reliability and dependability at a low cost of investment. This rugged end loader is suitable for correctional institution and military installations, including hospitality and health care installations where manpower is readily available. This series of machine saves space with its compact design, using less space per pound of washing than any other machine of like capacity. Genuine features, such as simple drive and heavy-duty suspension system make this machine model one of the most durable machines in the market.

## **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.



## **Heavy-Duty Cylinder**

The highest quality materials and rugged cylinder design with spherical roller bearings make this a truly heavy-duty machine. The cylinder and doors are made of 304 (18/8) stainless steel. The outer doors are provided with a safe and strong door interlock that prevents opening of the doors while the machine is in operation. A manual jogging system of positioning the cylinder in line with the outer doors is standard. An automatic jogging system is optional.



## **Supply Dispenser and External Liquid Supply Connection**

A 5 compartment dispenser for both liquid and powder detergents is standard. The dispenser is mounted on the right side of the machine at a convenient height for easy reach. The dispenser is flushed automatically during the wash cycle. All machines come standard with five supply signals and liquid connections.



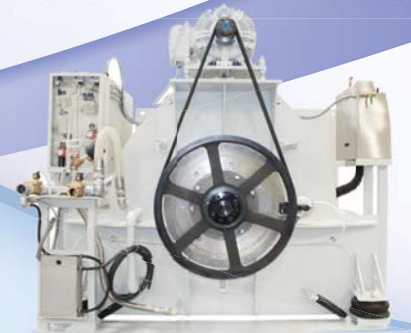
## **Robust Energy Efficient Drive**

The machine is provided with a single totally enclosed standard motor that is controlled electronically by a variable frequency drive. This makes the machine control simple and very flexible. The inverter reduces the peak energy demands, 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 eliminate clutches, gear reducers, and idlers, plus reduces 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 high extract speeds and significantly save energy and time in the drying process. A multi-motor drive is optional.



## **Single Motor Drive**

The single motor is controlled by a variable frequency drive. The drive reduces the peak demands and saves energy. It is also a monitor for the motor to protect it from overload and over voltage. The single motor drive eliminates clutches, gear reducers and idlers. The drive also monitors the out of balance load in the machine and many other parameters.



## **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 low maintenance makes the SL models an attractive investment. No need for expensive foundation or floor modifications. The machines can be installed on any floor rigid enough to handle the weight of the machine. A G-force of 250G means less time in the dryer, saving energy and money. Look inside the SL models and you discover a dynamically tuned suspension system with heavy springs and industrial shock absorbers. This means reliability and super long life. An air cushion suspension design is optional.

