



HP SERIES

60 Pound



Washer-Extractor

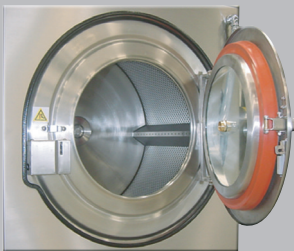


Series - HARDMOUNT

The B&C Technologies HP Series - Hardmount High-Speed Professional Washer-Extractors for Small to Medium Size Demanding On-Premise Laundry Applications, including Health Care, Hospitality and Drycleaners/Wet Cleaning.

The HP Series - Outstanding reliability and efficiency at a price you can afford

The HP Series is designed to be an alternative to the commonly used high-speed hardmount machines in the market. The HP series of machines has the cabinet and all parts in connection with the wash solution made of 304 stainless steel. The robust design ensures low cost of ownership and infrequent maintenance. Experienced engineering is used to make a simple but affordable and reliable machine backed by an outstanding warranty. It has advanced features that make the machine suitable for wet-cleaning, connection to water reuse systems and operations with ozone systems. Our combined engineering expertise in the industry assures that you will receive the best for less and products that will meet today's and tomorrow's need in the laundry industry. Contact your dealer today to find out how you can start saving energy, time and money in your on-premise laundry.

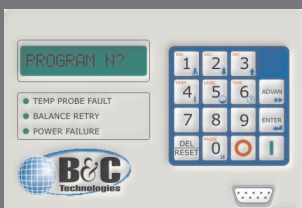


Large Door Opening and Safe Door Interlock

Loading and unloading are fast and easy through the oversized door that opens 180 degrees. 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 designed for long life and seals to the shell every time without leaking. A powerful and safe electro-mechanical door interlocking system is provided for safe and easy operation.

Powerful and Flexible Control

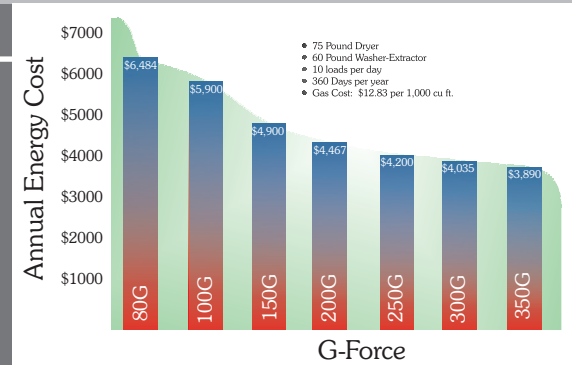
The advanced EL6 control is easy to use and has the features needed for maximum productivity and lowest cost of operation. The microprocessor controls the temperatures, water levels, speeds and maintenance intervals. A thermal cool down is programmable that will ensure optimal performance for any garments that require special wrinkle control and other special treatments. It can be programmed both individually 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 keeps 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 a proven track record for reliability.



High Speed Professional Washer-Extractors

High Speeds save Energy, Time & Money

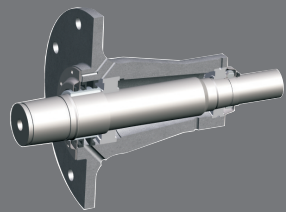
A factor that can significantly affect the operational throughput in a laundry is the machine's extraction speed. A machine with a G-force of 300G will save a significant amount of energy and time in the drying process compared to a low speed 80G machine, as more water is extracted from the load during the extraction cycle. In fact the energy and time saving 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 inverter technology it is now possible to achieve this high-speed extraction in hardmount machines.



Supply Dispenser and External Liquid Chemical Supply Connection

Machines connected to a central liquid system have a standard single compartment supply dispenser. A five compartment dispenser is optional for machines using powder chemicals. The automatic flushing 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. All machines have eight supply signals and liquid connections as standard.

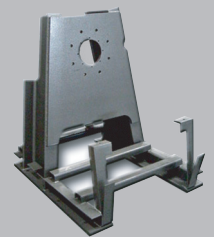
Solid Bearing Housing



Our rugged cast iron bearing housing provides for extra long life and minimal maintenance. The revolutionary SKF CARB torroial bearing is the ultimate long life solution for high speed washer-extractors. The shaft is constructed of high tensile strength steel while two double lip seals protect the bearings. Both bearings and seals are greased, yielding long service life. The machine has provisions for installation of automatic lubricators making maintenance easier. Should the seals leak, an extra large leak off area in the housing prevents damage to the bearings.

Solid Hardmount Construction

Amazing strength and fewer parts give the HP series extra long life, without needless breakdowns. The frame is engineered and computer analyzed for a lifetime rigorous operation. It has a protective powder coating to reduce possible corrosion, which is obvious in a laundry environment. Integrated lifting bars make the HP machine easy to transport and easy to install.



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 peak energy demand, saving energy and lowering 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, idlers, plus vastly reduces the use of electromechanical components such as contactors and relays. It provides a powerful yet simple drive that is more economical than multi motor drives. The inverter makes it possible to achieve high extract speeds that achieve significant energy and time saving in the drying process.

Specifications

MODEL	Metric	US	HP-60	
Capacity	kg	lbs	27.4	60
OVERALL DIMENSIONS:				
Width	mm	in	880	34.6
Height	mm	in	1650	65
Depth	mm	in	1190	47
WEIGHT AND SHIPPING INFORMATION:				
Net Weight	kg	lbs	660	1450
Domestic shipping weight	kg	lbs	720	1584
CYLINDER INFORMATION:				
Diameter	mm	in	790	31.1
Depth	mm	in	560	22
Volume	liters	cu ft	274	9.7
Perforation size	mm	in	4.8	0.188
CYLINDER SPEEDS (Programmable):				
Wash	rpm	g	43	0.8
Distribution	rpm	g	67	2
Intermediate extraction	rpm	g	583	150
High extract 1	rpm	g	673	200
High extract 2	rpm	g	753	250
High extract 3	rpm	g	890	300
DOOR OPENING AND HEIGHT:				
Diameter	mm	in	450	17.7
Height of door bottom above floor	mm	in	569	22.4
DRIVE INFORMATION:				
Number of motors	Number		1	
Size of motor	kW	Hp	3.7	5
WATER INLETS and CONSUMPTION:				
Hot water size	DN	in	20	3/4
Cold water size	DN	in	20	3/4
Additional water Inlet	DN	in	20	3/4
Average HOT water consumption/ cycle	liters	gal	223	59
Average COLD water consumption/cycle	liters	gal	106	28
DRAIN OUTLETS AND CAPACITY:				
Number of drains standard	Number		1	
Number of drains optional (water re-use)	Number		1	
Drain size	mm	in	76.2	3
Drain capacity	liter/min	gpm	246	65
STEAM INLET and CONSUMPTION:				
Steam inlet size	DN	in	13	1/2
Required steam to heat bath 10F (5.55C)LOW	kg	lbs	8.4	3.8
Required steam to heat bath 10F (5.55C)HIGH	kg	lbs	9.2	4.2
Average Steam consumption per cycle	kg	BHP	35	2.2
ELECTRICAL REQUIREMENTS				
200-240V, 50/60Hz	Max Amps	Breaker	14	15
380-480V, 50/60Hz	Max Amps	Breaker	7	15

All specifications are subject to change without notice.

Standard Features :

- All wetted parts are 304 (18/8) Stainless steel
- 1 compartment supply dispenser
- 8 external liquid supply connections
- Advanced microprocessor
- 300G extract force
- 5 degree lean back for strength and easy loading
- Built in vacuum breaker
- Variable frequency drive
- Stainless steel cabinet
- Fits through 36-inch door
- Single motor drive
- Cool down
- Water reuse capable

Optional Features :

- Direct steam heating
- Electrical heating
- 5 compartment dispenser
- Water reuse drain and inlet
- EMI filter for CE
- PC programming kit

