



**SP**  
**SERIES**

## Washer-Extractor

**45 - 50 - 65 - 75 - 110 - 135 - 165 - 195**  
pound capacities



# SP Series

Softmount High-Speed Professional Washer-Extractors for Small to Medium Sized Heavy-Duty On-Premise Laundry Applications, Including Health Care, Hospitality, and Drycleaners / Wet Cleaners

## Outstanding Reliability and Efficiency at an Affordable Price

**The SP Series is Designed to be Effortless and Powerful While Maintaining Low Cost of Ownership:**

- ◆ Investment cost returned through increased efficiency
- ◆ Fewer parts means less downtime
- ◆ 350G extraction equals less time in the dryer, yielding tremendous savings
- ◆ Extremely easy installation, no special foundation requirements
- ◆ Can be installed on upper floors and other difficult locations
- ◆ Low maintenance, long lasting, labor saving



### The EL6 Advanced Microprocessor Control

- ◆ Easy to use
- ◆ 30 wash programs
- ◆ Trouble-free
- ◆ 8 chemical signals
- ◆ Programmable water levels, speeds and more
- ◆ Incredibly flexible - handles demanding operations

### Large Door Opening and Safe Door Interlock

- ◆ Opens nearly 180 degrees for easy loading/unloading
- ◆ Door and hinge made of 304 stainless steel
- ◆ Silicon door gasket for extra tight seal and long life
- ◆ Safe, simple, reliable door lock system





## Solid Bearing Housing - High Quality Bearings and Seals

- ◆ The ultimate in durable design
- ◆ Cast iron construction
- ◆ Revolutionary CARB bearings for long life
- ◆ Double lip seals and a face seal for extra protection
- ◆ Large leak off area to further protect the bearings from the wash solution

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## Robust Energy Efficient Inverter Drive

- ◆ Incredibly flexible operation
- ◆ Excellent protection for the motor
- ◆ Latest technology for precise speed control
- ◆ Single motor drive without clutches and complication
- ◆ 350G high speed extract



## Freestanding Construction

- ◆ Freestanding design at hardmount pricing
- ◆ Withstands the rigorous demands of continuous operation
- ◆ Tuned suspension system with industrial shock absorbers
- ◆ Easy installation with no special foundation requirements
- ◆ Integrated lifting bars for easy installation, can be moved with a pallet jack

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## Supply Dispenser

- ◆ Automatic flushing according to programming
- ◆ 1 cup standard, 5 cup dispenser optional
- ◆ Convenient height for easy access
- ◆ Impervious to standard laundry chemicals
- ◆ 6 liquid connection points on the rear of the machine



The SP Series from B&C Technologies: Reliable, Durable, Affordable

# Specifications

MODEL	Metric	US	SP-45		SP-50		SP-65		SP-75		SP-110		SP-135		SP-165		SP-195		
Maximum Capacity	kg	lbs	20.5	45.0	22.7	50.0	29.6	65.0	34.1	75.0	50.0	110.0	61.4	135.0	75.0	165.0	88.7	195.0	
<b>Overall Dimensions</b>																			
A - Width	mm	in	925	36.4	925	36.4	1003	39.5	1003	39.5	1204	47.4	1300	51.2	1538	60.6	1602	63.1	
B - Depth	mm	in	1093	43.0	1153	45.4	1231	48.5	1306	51.4	1395	54.9	1600	63.0	1730	68.1	1784	70.2	
C - Height	mm	in	1466	57.7	1466	57.7	1615	63.6	1615	63.6	1805	71.1	1765	69.5	1826	71.9	1894	74.6	
<b>Wash Cylinder Information</b>																			
Cylinder Diameter	mm	in	680	26.8	680	26.8	789.9	31.1	789.9	31.1	940	37.0	1067	42.0	1092	43.0	1174	46.2	
Cylinder Depth	mm	in	515	20.3	575	22.6	558.8	22.0	633.7	25.0	690	27.2	660	26.0	757	29.8	780	30.7	
Cylinder Volume	liters	cu ft	187	6.6	208.8	7.4	273.9	9.7	310.6	11.0	478.8	16.9	590.1	20.8	709	25.0	844.3	29.8	
<b>Motor</b>																			
Size	kW	HP	2.2	3	2.2	3	3.75	5	3.75	5	7.5	10	7.5	10	11	15	15	20	
<b>Cylinder Speeds (Programmable)</b>																			
Wash	G	rpm	0.8	46	0.8	46	0.8	42	0.8	42	0.8	39	0.8	36	0.8	36	0.8	35	
Distribution	G	rpm	2	73	2	73	2	67	2	67	2	62	2	64	2	64	2	62	
Intermediate Extract	G	rpm	150	829	150	829	150	583	150	583	150	535	150	360	150	360	150	380	
High Extract 1	G	rpm	200	725	200	725	200	673	200	673	200	618	200	515	200	480	200	465	
High Extract 2	G	rpm	250	811	250	811	250	753	250	753	250	690	250	600	250	600	250	580	
High Extract 3	G	rpm	350	960	350	960	350	890	350	890	350	817	350	767	350	725	350	700	
<b>Door Opening</b>																			
Door Opening Diameter	mm	in	370	14.6	370	14.6	450	17.7	450	17.7	508	20.0	509	20.0	635	25.0	635	25.0	
Height to Bottom of Door	mm	in	655	25.8	655	25.8	740	29.1	740	29.1	800	31.5	820	32.3	830	32.7	870	34.3	
<b>Drain System</b>																			
Overflow Size	mm	in	38.1	1.5	38.1	1.5	38.1	1.5	38.1	1.5	38.1	1.5	63.5	2.5	63.5	2.5	63.5	2.5	
Drain Outlet Size	mm	in	60.45	2.38	60.45	2.38	76.2	3	76.2	3	76.2	3	101.6	4	102	4.016	101.6	4	
Number of Drains	Standard	Optional	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
<b>Steam Inlet</b>																			
Connection Size		NPT	1/2"		1/2"		1/2"		1/2"		3/4"		1"		1"		1-1/4"		
<b>Water Inlet</b>																			
Connection Size		NPT	3/4"		3/4"		3/4"		3/4"		1"		1"		1"		1-1/4"		
Number of Inlets	Standard	Optional	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	
<b>Chemical Supply System</b>																			
Number of Dry Chemical Compartments	Standard	Optional	1	5	1	5	1	5	1	5	1	5	5		5		5		
Number of Liquid Supply Connections	Standard	Optional	8	12	8	12	8	12	8	12	8	12	8	12	8	12	8	12	
Liquid Supply Connection Size		NPT	1/2"		1/2"		1/2"		1/2"		1/2"		1/2"		1/2"		1/2"		
<b>Weight and Shipping Information</b>																			
Net Weight	kg	lb	595	1309	615	1353	725	1595	767	1687	1068	2350	1800	3960	2035	4477	2240	4928	
Shipping Weight	kg	lb	615	1353	634	1395	740.9	1630	782	1720	1091	2400	1825	4015	2050	4510	2275	5005	
<b>Electrical Service</b>																			
208-240VAC, 50/60HZ, 1PH	Amps	Breaker	8	15	9	15	14	15	15	20	31	40	n/a	n/a	n/a	n/a	n/a	n/a	
208-240VAC, 50/60HZ, 3PH	Amps	Breaker	5	15	6	15	8	15	9	15	18	20	26	30	32	40	58	60	
380-460VAC, 50/60HZ, 3PH	Amps	Breaker	3	15	3	15	4	15	4	15	9	15	13	15	16	25	29	30	
208-240VAC, 50/60HZ, 3PH Elec. Heat	Amps	Breaker	49	50	49	60	52	60	53	60	97	100	n/a	n/a	n/a	n/a	n/a	n/a	
380-460VAC, 50/60HZ, 3PH Elec. Heat	Amps	Breaker	25	30	25	30	26	30	27	30	48	50	n/a	n/a	n/a	n/a	n/a	n/a	

## Standard Features:

- ◆ All wetted parts are 304 (18/8) stainless steel
- ◆ 1 compartment supply dispenser
- ◆ 30 cycle microprocessor
- ◆ 350G extraction force
- ◆ 5 degree lean back for strength and easier loading
- ◆ Built in vacuum breaker
- ◆ Variable speed inverter drive
- ◆ Wetcleaning functionality built in - no special options required
- ◆ Designed to save money



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