



**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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