



EXCEPTIONAL HARDMOUNT

HX FAMILY

B&C Technologies is expanding worldwide with new lines of washers that have a clear approach to sustainability and are ideal for any type of laundry operation.

This innovative series of machines is designed for performance, reliability, and simplicity. The HX Family uses the highest quality materials to preserve the environment and ensure longevity.

Furthermore, the HX line is surprisingly affordable and ready to solve your pressing laundry needs.

On Premise
22, 35, 50, 65, 85, 110 Pound Capacity

The HX Family

Hardmount High-Speed Professional Washer-Extractors for Small to Medium Sized Heavy-Duty On-Premise Laundry Applications, Including Healthcare, Hospitality, Corrections, Athletic, Carwash, Agriculture, and Dry Cleaners / Wet Cleaners

The HX Family is designed to be effortless and powerful while maintaining low cost of ownership. Your investment cost is quickly returned through the increased efficiency of a high speed extract hardmount washer. A simple design means fewer parts which in turn means less down time for the machine. With available 200G and ultra 400G extract forces available, goods spend less time in the dryer which leads to increased savings and less wear and tear on goods. This low maintenance, long lasting machine saves you time and money.

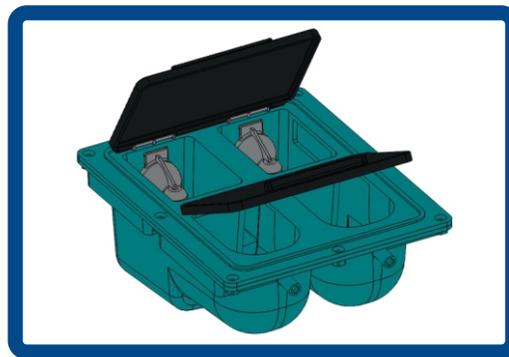
Award Winning Bearing Housing

The unique CARB bearing design handles bearing misalignment internally for quieter and longer operational life. The bearing housing is high grade ductile iron, and the assembly can be removed from the machine without machine disassembly. 200G versions use our standard roller bearing.



Seals Outside the Bearing Housing

Water cannot enter the bearings due to the spacing between the seals and the bearing housing. Low cost yet effective V-Ring seals are simple to service and provide long life. Viton seals are optionally available for harsher wash solutions and applications.

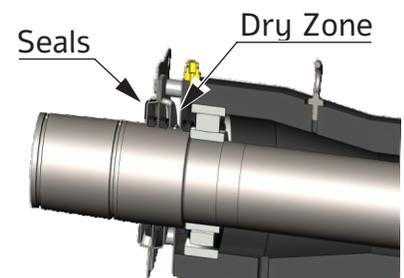
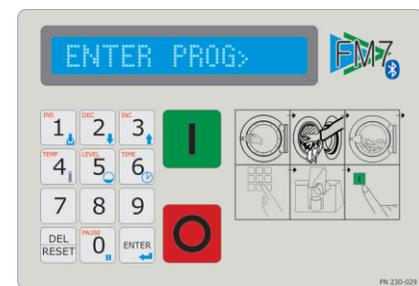


Chemical Dispenser Works with Powders and Liquids

The dispenser is located on top of the machine and has four compartments - two for powders, and two for liquids. The chemicals are flushed into the wash cylinder via a vacuum breaker in the back of the machine. Chemicals enter the washer under the water level for better dilution and reduced potential for damage.

The FM7 Advanced Microprocessor Control

The FM7 control allows complete flexibility while being trouble free and easy to use. It accepts programming via Bluetooth® and offers eight chemical signals plus chemical hold. With 30 wash programs and programmable water levels and speeds, the FM7 is designed to suit the most demanding needs and is fully compatible with virtually any third party laundry chemical dispensing system.



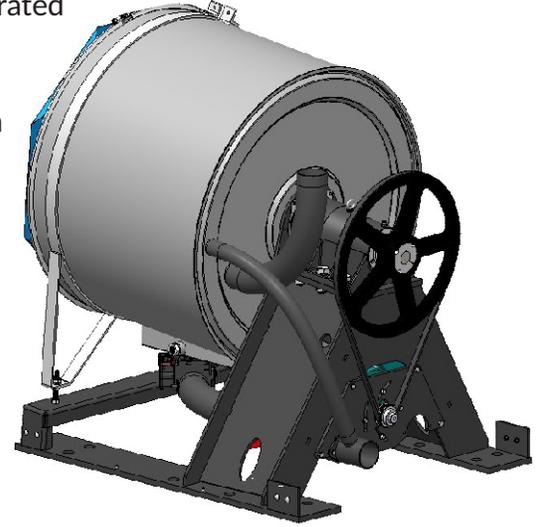
Large Door Opening-Safe Door Interlock

Loading and unloading laundry is much easier and faster with a door that opens nearly 180 degrees. To help protect your investment the door is made with polished stainless steel and has a lifetime silicon door gasket for a leakproof seal. Hinges are cast for precision and durability. The door lock system is both safe and simple to operate.

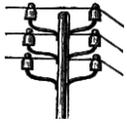


Hardmount Construction

The HX Family features a highly engineered, robust, and solidly welded steel frame built to withstand the rigorous demands of continuous operation. Bolt holes are located both on the inside and outside, allowing for side by side installation. Installation is fast and easy and integrated lifting bars allow the machine to be effortlessly moved with a pallet jack. The 5 degree lean back design reduces noise, vibration, and bearing loads, increasing the service life of the machine.



Modern Design Saves Money and the Environment



Save Electricity

The HX Family washer uses the most technologically advanced frequency inverter available today which offers an improvement of over 30% compared to multi-motor and other line started motors used on older or less advanced machines. The available 400G extract force removes significantly more water than older, outdated machines as well, reducing drying times that saves you money on natural gas, time, plus reducing wear on your goods. The 200G extract models also provide excellent economical performance.



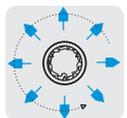
Wetclean Ready and Capable

The HX Family washer is perfect for wetcleaning. Completely flexible programming provides the most gentle wash actions without compromise, allowing the machine to handle water washing as well as regular laundry by simply running a different program. A dedicated wetcleaning machine is not needed as the HX competently handles both duties, especially when equipped with optional spray rinse.



Save Water

Our modern world has produced a host of new technologies to make life easier - your laundry facility can now benefit from these same innovations. The FM7 allows control over the water levels in the machine within one half of an inch, allowing the water level to be dialed in precisely for each wash program step. No more compromising with only 2 or 3 wasteful water levels.



More Savings Through Precision Programming

The flexible FM7 control allows additional water savings through precision programming. It is possible to program a diluting extract, which increases the effectiveness of the rinse steps and eliminates the need for extra rinsing. By eliminating water, wash chemicals and soils in this manner, as many as 2 rinses can be replaced and up to 10 minutes can be saved. Water consumption per cycle can be reduced by almost 1/2 gallon per pound of wash capacity. For example, an HX-110 washer programmed in this manner can expect to save over **50 gallons** per wash program.

Specifications

| MODEL | | | HX-22 | | HX-35 | | HX-50 | | HX-65 | | HX-85 | | HX-110 | |
|--|----------|----------|-----------|----------|------------|----------|------------|----------|------------|------------|---------|---------|---------|---------|
| UNITS | METRIC | US | METRIC | US | METRIC | US | METRIC | US | METRIC | US | METRIC | US | METRIC | US |
| CAPACITY | | | | | | | | | | | | | | |
| Loading Factor 1:10 | kg | LBS | 8.24 | 18.2 | 13.5 | 29.7 | 19.6 | 43.2 | 27.5 | 60.6 | 36 | 79.3 | 45.4 | 100 |
| Loading Factor 1:13 | kg | LBS | 6.34 | 14 | 10.4 | 22.9 | 15.7 | 34.6 | 21.2 | 47.7 | 27.7 | 61 | 34.9 | 76.9 |
| OVERALL DIMENSIONS | | | | | | | | | | | | | | |
| A-Width | mm | Inch | 660 | 26.0 | 770 | 30.3 | 769 | 30.3 | 878 | 34.6 | 1051 | 41.4 | 1051 | 41.4 |
| B-Depth | mm | Inch | 882 | 34.7 | 1125 | 44.3 | 1144 | 45.0 | 1213 | 47.8 | 1261 | 49.6 | 1409 | 55.5 |
| C-Height | mm | Inch | 1013 | 39.9 | 1116 | 43.9 | 1209 | 47.6 | 1312 | 51.7 | 1591 | 62.7 | 1591 | 62.7 |
| WASH CYLINDER | | | | | | | | | | | | | | |
| Diameter | mm | Inch | 526 | 20.7 | 610 | 24 | 681 | 26.8 | 790 | 31.1 | 920 | 36.2 | 920 | 36.2 |
| Depth | mm | Inch | 379 | 14.9 | 462 | 18.2 | 539 | 21.2 | 561 | 22 | 544 | 21.3 | 683 | 26.9 |
| Volume | liters | cu.ft | 82.36 | 2.9 | 135 | 4.8 | 196 | 6.9 | 275 | 9.7 | 362 | 12.7 | 454 | 16 |
| MOTOR | | | | | | | | | | | | | | |
| Size | kW | HP | 0.76 | 1 | 1.5 | 2 | 2.2 | 3 | 3 | 4 | 5.5 | 7.5 | 7.5 | 10 |
| CYLINDER SPEED PROGRAMMABLE | | | | | | | | | | | | | | |
| Wash | rpm | G | 52 | 0.8 | 49 | 0.8 | 46 | 0.8 | 43 | 0.8 | 40 | 0.8 | 39.5 | 0.8 |
| Distribution | rpm | G | 100 | 3 | 94 | 3 | 89 | 3 | 82 | 3 | 76 | 3 | 76 | 3 |
| Extract maximum | rpm | G | 818 | 200 | 760 | 200 | 725/1025 | 200/400 | 673/950 | 200/400 | 623/880 | 200/400 | 623/880 | 200/400 |
| DOOR OPENING | | | | | | | | | | | | | | |
| Door opening diameter | mm | Inch | 381 | 15 | 418 | 16.5 | 483 | 19 | 508 | 20 | 651 | 25.6 | 668 | 26.3 |
| Height to bottom of door | mm | Inch | 324 | 12.8 | 349 | 13.4 | 401 | 16 | 422 | 16.6 | 569 | 22.4 | 582 | 22.9 |
| DRAIN SYSTEM | | | | | | | | | | | | | | |
| Drain outlet size | mm | Inch | 51 | 2 | 51 | 2 | 51 | 2 | 76.2 | 3 | 76.2 | 3 | 76.2 | 3 |
| Number of drains | Standard | Standard | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| STEAM INLET | | | | | | | | | | | | | | |
| Connection size | DN | NPT | 13 | 1/2 | 13 | 1/2 | 13 | 1/2 | 13 | 1/2 | 20 | 3/4 | 20 | 3/4 |
| ELECTRICAL HEATING | | | | | | | | | | | | | | |
| Heating element size | kW | kW | 6 | 6 | 9 | 9 | 12 | 12 | 18 | 18 | 18 | 18 | 24 | 24 |
| WATER INLETS | | | | | | | | | | | | | | |
| Connection size | DN | NPT | 20 | 3/4 | 20 | 3/4 | 20 | 3/4 | 20 | 3/4 | 20 | 3/4 | 20 | 3/4 |
| Numbers of inlets | Standard | Optional | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 |
| CHEMICAL SYSTEM | | | | | | | | | | | | | | |
| Number of dry chemicals | Standard | Standard | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Number of liquid chemicals | Standard | Standard | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| External liquid connection | Standard | Standard | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| WEIGHT & SHIPPING INFORMATION | | | | | | | | | | | | | | |
| Net weight | kg | lbs | 199 | 439 | 288 | 635 | 345 | 760 | 429 | 944 | TBA | TBA | TBA | TBA |
| Shipping weight | kg | lbs | 213 | 470 | 304 | 670 | 360 | 795 | 450 | 990 | TBA | TBA | TBA | TBA |
| Shipping size: Width-Depth-Height | cm | inch | 71-96-121 | 28-38-48 | 81-109-132 | 32-43-52 | 84-119-140 | 33-47-55 | 94-134-146 | 37-53-57.5 | TBA | TBA | TBA | TBA |
| ELECTRICAL SERVICE | | | | | | | | | | | | | | |
| 120VAC, 50HZ, 1PH | Amp | Breaker | TBA | TBA | TBA | TBA | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 208-240VAC, 50-60HZ, 1PH | Amp | Breaker | 6 | 15 | 8.1 | 15 | 5.1 | 15 | 16.1 | 20 | 22 | 30 | 31 | 40 |
| 208-240VAC, 50/60HZ, 3PH | Amp | Breaker | 3.4 | 15 | 3.6 | 15 | 4.7 | 15 | 7.4 | 15 | 12.7 | 20 | 18 | 30 |
| 380-460VAC, 50/60HZ, 3PH | Amp | Breaker | 1.7 | 15 | 1.8 | 15 | 2.3 | 15 | 3.5 | 15 | 6.3 | 15 | 9 | 15 |
| 208-240VAC, 50/60HZ, 3PH EL Heat | Amp | Breaker | 24 | 30 | 26 | 30 | 48 | 60 | 52 | 60 | 75 | 80 | 78 | 80 |
| 380-460VAC, 50/60HZ, 3PH EL Heat | Amp | Breaker | 13 | 15 | 14 | 15 | 24 | 30 | 26 | 30 | 38 | 40 | 39 | 40 |

Specifications subject to change without notice.



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60/36 Warranty



60 Months: Bearings, Bearing Housing, Frame, Shaft, Cylinder & Shell
36 Months: All other non wear parts

