



# HX120 Hydrovac

## High-Pressure Performer.

The HX120 hydrovac from Brandt delivers the unmatched productivity and precision you depend on in urban settings and beyond. It takes the guesswork out of weight restrictions and delivers maximized road-legal loads, lower noise levels, and exceptional maneuverability in tight spaces.

### ① More Productive

Achieve quicker loading and unloading times of measured debris and take on larger jobs without weight restrictions:

- Accurate real-time measurement of water and truck weight and lower tare weight allows operators to confidently push payload to the maximum to get the most out of every trip without risking costly fines.
- Engineered from the ground up with optimally sized components and plumbing that work in harmony to maximize digging performance and increase legal payloads.
- The debris tank unloads more quickly and completely than competitors and has the ability to pressure offload into another truck, bin, or land spread for fast turnaround.

### ② More Uptime

The HX120 delivers unrivaled dependability, component reliability, and working hours:

- The full AR steel-constructed boom turret features an easily removable access plate for cleanout and shut-off plate that allows you to shut down the boom suction without having to shut down the blower.
- Industry-leading 28-foot boom features a progressive diameter from the dig tube to the turret, reducing plugging and acting as a secondary vacuum chamber that increases efficiency at the end of the hose.
- Easy access to service and maintenance points allow for quicker on-site servicing. And, remote sight glasses, grease lines, and oil drains save operators more time.

### ③ Lower Cost of Operation

The HX120 is purpose-built with features that reduce the need for repairs and improves the lifespan of components:

- The 4000 CFM blower is powered by an innovative dual power takeoff, pulling full performance capability and eliminating the need for a transfer case.
- Fully powder coated debris tank resists corrosion, sheds mud more efficiently and features a wear plate directly under the boom turret, extending the life of the debris tank.
- Pulls similar vacuum compared to competitors at much lower RPM – keeping the worksite quieter while burning less fuel.

# HX120 HYDROVAC SPECIFICATIONS

## BASE UNIT KEY SPECIFICATIONS

CAPACITIES, DIMENSIONS, & RATINGS	
Tare Weight	Starting at 44,000 lb
Debris Tank Capacity	11.6 YD
Water Capacity	1150 USG
Overall Height	11'11"
Overall Width	8'6"
Overall Length	38'2"
Boom Reach	28', 340° Rotation
CHASSIS	
Chassis Make	Peterbilt, Kenworth, or Custom Order
Wheelbase	279"
Engine & Horsepower	Paccar MX, 450-510
Transmission	Allison 4500
TANK DESIGN	
Offloading	Hoist, Pressure Offload, Full Open Rear Door, Hydraulic Vibrator
Tank Layout	Saddle Tank Design for Balanced Axle Weights
Rear Door Safety	Hydraulic Engaging Pin Out Design
Rear Door Latch	Hydraulic Latching System
Scale System	High Accuracy 4 Point Load Cell System
VAC SYSTEM	
Blower	Hibon 840 4000 CFM
Vac Piping	Progressive Diameter, 8" Flex Hose, 10" Boom Piping, 12" Boom Turret, Boom Isolation Valve
Filtration	Brandt Dual Cyclone & Cartridge Filter
Dig Tubes	4 - 6" Poly Dig Tube Extensions
WASH SYSTEM	
Wash Pump	CAT 2560 16 GPM & 3000 PSI
Boiler	Purpose Built 705K BTU, Fuel Efficient Combustion Chamber
Winterization	Heated Valves & Water lines, Glycol Blowdown & Recovery System
Reel	100' 3/8" Hose, Electric Retract
CONTROL SYSTEM	
Hydraulics	Bosch Rexroth
Push Button Controls	Marine Grade, Cold Temp Rated
Remote	Remote Designed for Single Page Control with Live Readout of Water Level, Truck Weight, and Pump Pressure. Unit includes a spare Remote
Multipoint Controls	Ability to Control Required Functions from any Control Location on the Unit
Lighting	Full LED Worklighting around the Unit and on Boom End



STORAGE & ENCLOSURE	
PS Wash Cabinet	Heated Operator Enclosure
PS Rear Controls Cabinet	Heated Storage
DS Rear Cabinet	Vertical Dig Tube and Accessory Storage
DS Vac Cabinet	Cold Storage
DS & PS Bumper Storage	Cold Storage
DURABILITY	
Paint Finish	Zinc Primer + Polyester Powdercoat
Tank Coating	Zinc Primer + Polyester Powdercoat
Tank Floor Liner	UHMW
Boom Liner	Full Length Rotatable Boom Liner
Boom Turret	Full AR Plate Construction
Debris Unloading Extension	Bolt-On UHMW
Remote Grease Lines	Ground Level Grease Points for easy Maintenance
Premium Grade Electrical	Braided Loom and Weather Proof Connections throughout the Unit. Marine Grade Controls
KEY OPTIONS	
Remote Hose Storage Tray	○
Landsread	○
Pressure Offload	○
High Voltage Proximity Detection	○
Full Surround Camera Package	○
Cyclone Quick Clean Out	○
Rear Signboard	○
Wash Wand Package	○
Diesel Coolant Heater System	○
High Visibility Fluid Level Indicators	○
Decant Valve Package	○
Second Wash Reel	○
Corded Work Light	○
Quick Attach Life Line	○
Static Reel	○
Trailer Package	○
Blower Diesel Flush	○
RURAL PACKAGE (INCLUDES ALL THREE ITEMS)	
Additional 500 USG Water Tank	
Additional 130 USG Fuel Tank	○
Air Ride Passenger Seat	

# HX120 HYDROVAC FEATURES



## Quietest-Running Truck

The Brandt-engineered vacuum system components minimize space requirements, increasing component performance and optimizing noise suppression. Enclosed cyclones, filter, and sheltered blower design greatly reduce noise.

## Low Tare Weight

The lowest tare weight in this class of hydrovac maximizes payload of both road legal loads and loads without weight restrictions – making you more productive.

## Payload Accuracy

4-point load cell system provides “class leading” real time measurement of debris, water and truck weight for extremely accurate legal load management.

## Compact Design

The automatic transmission, low overall height, and compact wheelbase deliver superior maneuverability, making it easier to operate.

## Simple and Reliable Marine-Grade Control Panels

The HX120 is equipped with multiple locations to operate work lights, activate hydraulics, and control the wash pump, saving the operator unnecessary trips around the unit. And, all functions are controllable directly from the work area.

## Multiple Storage Cabinets

Quick access to tools on the driver, passenger, and rear sides (including the bumper) enables operators to work efficiently at the jobsite. And, a warming/change cabinet allows operators to warm up or change out of wet work gear.

## Cold Weather Package

Winter-friendly components ensure year-round operation in colder climates. Plus, the anti-freeze system, complete with recovery, allows outdoor parking without damaging the water pump and lines.

## Boom Isolation Valve

Conveniently shut off the vacuum at the end of the hose without shutting down the blower.

## Rear Door Safety Lockout

The rear-door safety lockout ensures safe servicing and allows operators to wash down the inside of the debris tank with ease. Plus, the system requires less water to wash out after unloading than competitor slope-unload designed units.

## Wireless Controls

All functions appear on the main page for enhanced efficiency at the jobsite and the quick start feature enables operators to start excavating and adjust performance with the push of a button.

## Top-Of-Tank Access Ladder

Independent grab points ensure easy access to the top of the tank with a progressive entry walkway and full-length non-slip area integrated into the top of the debris tank.

## Optimized Water System

The optimum sized water pump and boiler provide increased efficiency and productivity with unmatched performance. Plus, the quick-fill poly water tanks save time and weight.

For more information:  
Call us at **1-888-227-2638**  
Email us at [sales@brandt.ca](mailto:sales@brandt.ca)  
Or visit us at [brandt.ca/hydrovacs](http://brandt.ca/hydrovacs)

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