

Pressure Wash Rider with Built-in Recovery and Optional Recycle



- *Instantaneous water recovery with optional recycle system*
- *Chemical free – allows deep impact cleaning with the use of only water and heat*
- *Aids in EPA compliance with environmentally friendly technology*
- *Multi-patented Cyclone head provides easy one-pass cleaning for increased efficiency*
- *Greatly increased productivity and the ability to drastically reduce the amount of time needed to clean large spaces*

High Pressure Surface Cleaning with Built-in Recovery and Optional Recycling.

The revolutionary Cyclone surface-cleaning technology makes it an industry leader for deep cleaning of concrete and other hard surfaces. The Cyclone scours away dirt, tire marks, and petroleum deposits without discharge into the environment or damage to the cleaned surface. The Cyclone cleaning head designed around multi-patented Cyclone technology, provides a deeper, more consistent cleaning than a spinner head or wand pressure washing. This unique technology allows for instant water recovery without the use of a vacuum system. With the recycling option, contaminants are filtered out allowing for the re-use of the reclaimed water for extended cleaning cycles or meeting specific recycling requirements.

This remarkable self-contained system delivers the most environmentally-friendly, outdoor surface cleaning solution. Cyclone minimizes water usage, eliminates chemical use and water runoff and aides in EPA compliance. One-pass cleaning by a single operator dramatically increases productivity and provides a greater return on investment.

The CY5000 and CY5500 models have a 33 inch (83.8 cm) cleaning path that can clean up to 20,000 square feet (1,858 square meters).

Cyclone technology™ – Outdoor surface cleaning will never be the same.

Here's how it works:

- Cleaning head with 2 high-pressure water nozzles and 8 turbine blades rotates at high speed to create a vortex of air and water equivalent to a Category 4 hurricane.
- Continuous air movement creates lift that recovers the water along with removed dirt and debris.
- Swirling vortex of air and waste water further scours the surface – resulting in an exceptionally deep clean with just a single pass.
- The same air movement flings the waste water into a small holding tank, where it is then pumped into the waste water reclaim tank – thereby completing the waste water recover process **WITHOUT A VACUUM SYSTEM.**
- An on-board, multi-stage inline filtration system, standard on the CY5500, cleans and recycles recovered waste water – extending run-time and further reducing water consumption.



Powerful and consistent cyclone head delivers efficient, even cleaning.



Single-pass cleaning to remove ground in dirt, heavy build up and surface stains efficiently, without damage to the surface.



Ergonomic, climate controlled, cab design for operator comfort and ease.



Infinitely variable water pressure and cleaning speed is easily controlled from the operator's seat, for a full clean on various surfaces.



Cyclone CY5000 & CY5500 Technical Specifications

Model	CY5000	CY5500
Operator Cab Style	Enclosed cab design with heater & air conditioning	
Cleaning Path	34 in (86 cm) consistently cleaned	
Water Pump	Triplex plunger capable of 4,000 psi (275 bar) at 5 GPM (19 LPM)	
Output Pressure	Infinitely variable 1,200 psi (83 bar) – 4,000 psi (275 bar)	
Cleaning and Recovery Head	Hydraulically powered, cast aluminum 40 in (101.6 cm) diameter with protective shield – Patented Design	
Water Heating System	Electronically fired, inline diesel powered heater with 240,000 BTU/hr output	
Filtration System	None	Multi-stage filtration system consisting of two (2) 75 um and two (2) 30 um washable/reusable filter elements, each with 1,500 in ² of filtration surface area
Water Tanks	Fresh water supply: 360 gal (1,363 L) Separate recovery tank for waste water Easy fill and clean out design	390 gal (1,476 L) combination supply and recovery tank that recycles and reuses water in continuous cycle Easy fill and clean out design
Cleaning Attachments (Standard)	High pressure curb and gutter cleaning system and high pressure cleaning wand system standard with 25 feet (7.6 m) of hose with reel	
Steering	Front wheel steering with hydraulic power assist	
Drive System	Two (2) speed hydrostatic system provides accurate speed control at cleaning speeds with a maximum transport speed of 11 mph (17.7 kph). Power delivered to front wheels	
Controls	All cleaning actions controlled from operator seat with ergonomic operator interface	
Brakes	Rear heavy duty automotive style 11 in hydraulic drum brake with additional hand lever actuated parking brake	
Fuel Tank	18 gal (68 L)	
Chassis Frame Construction	Welded structural steel tubing with 3 in by 2 in tubing with 0.120 in wall thickness	
Engine	Kubota liquid cooled turbo diesel tier 4 emissions that meets US EPA emission standards under 40 CFR 1039.625, California code of regulations title 13, section 2423, and EU IIIB directive 1011/88/EU	
Sound Level Without Noise Reduction Kit	84 dB A	
Sound Level With Noise Reduction Kit	81 dB A	
Gradeability	20%	
Weight	Empty: 5,280 lb (2,394 kg) Full: 8,282 lb (3,755 kg)	Empty: 5,880 lb (2,667 kg) Full: 9,132 lb (4,142 kg)
Dimensions (L x W x H)	154 in x 56 in x 77.5 in (3.9 m x 1.4 m x 1.9 m)	

Specifications are subject to change without notice.

Optional features:

- CY210 Connection Kit
- Back Up Camera
- Laser Guidance Kit
- Special Order Color

Cyclone
TECHNOLOGY

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Optional CY210 Walk-Behind for areas requiring more maneuverability.



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