

CY5000 & CY5500



Key Features and Benefits

- EPA Compliant
- Vacuum Free
- Chemical Free
- Single-Pass Cleaning
- Reduces Work Time
- Increased Productivity

The CY5000 & CY5500 have an enclosed cab design with climate control. The powerful Cyclone head instantly recovers water leaving your surface ready to use in minutes. The CY5500 comes standard with rear access ladder for easy clean out and front and rear LED work lights. Optional accessories include a 5500 PSI upgrade kit.

How It Works

- A vortex of air and pressurized heated water is controlled from the operator's seat, allowing maximum results on a variety of surfaces - concrete, asphalt, cobblestone, athletic running tracks and more.
- The cleaning head features two high pressure water nozzles and eight turbine blades that rotate at high speed. The continuous air movement creates lift that recovers water while removing dirt and debris.
- Waste water is lifted by the air movement into a holding tank where it is pumped in the water reclaim tank - completing the recovery process without a vacuum.
- An on-board multi-stage filtration system, standard on the CY5500, cleans and recycles the recovered waste water - extending run-time and further reducing water consumption.
- Cyclone Technology's vacuum free design means less maintenance and lower annual fuel cost; resulting in a faster return on investment.



Cab

Ergonomic, climate controlled cab design for operator comfort, safety and visibility.



Controls

Variable water pressure and cleaning speed is easily controlled from the operator's seat.



Cleaning Head

Powerful and consistent cyclone head delivers efficient, even cleaning.



Single Pass Cleaning

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

| Technical Specifications | CY5000 | CY5500 |
|----------------------------|--|---|
| Operator Cab Style | Enclosed cab design with heater and air conditioning | |
| Cleaning Path | 34 in. (.86 m) consistently cleaned | |
| Water Pump | Triplex plunger capable of 4,350 psi (297 bar) at 5 GPM (19 LPM) | |
| Output Pressure | Infinitely variable 1,200 psi (83 bar) - 4,350 psi (297 bar) | |
| Cleaning and Recover Head | Hydraulically powered, cast aluminum 40 in (1.02 m) diameter with protective shield | |
| Water Heating System | Electronically fired, inline diesel powered heater with 240,000 BTU/hr output | |
| 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 |
| Filtration System | None | Multi-stage filtration system consisting of two 75 um and two 30 um washable/reusable filter elements, each with 1,500 in ² of filtration surface area |
| Steering | Front wheel steering with hydraulic power assist | |
| Drive System | Two (2) speed hydrostatic system provides accurate speed control at cleaning speeds. Maximum transport speed of 11 mph (17.7 km/h). 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. (.28 m) hydraulic drum brake with additional hand lever actuated parking brake | |
| Chassis Frame Construction | Welded structural steel tubing with 3 in. x 2in. (.08 m x .05 m) tubing with .12 in. (.003 m) wall thickness | |
| Fuel Tank | 18 gal (68 L) | |
| Engine | 2.8 L Cummins Turbo Diesel 74 HP Tier 4 Final | |
| Gradeability | 20% | |
| Run Time | 1 hour | Up to 5 hours (application-dependent) |
| Productivity | Up to 20,000 ft ² /per hour (1,858 m ² /per hour) | |
| Cleaning Attachments | Standard model includes high pressure curb and gutter cleaning system and high pressure cleaning wand system with 25 ft (7.6 m) of hose with reel and optional CY210 with connection kit | |
| Weight | Empty: 5,280 lbs (2,094 kg) Full: 8,282 lbs (3,755 kg) | Empty: 5,880 lbs (2,667 kg) Full: 9,132 lbs (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) | |

CY5500 For Airport Application

- Airfield Approved LED Amber Light Bar with 360° Visibility
- LED Work Lights - Front and Rear
- Rear View Camera with Night View
- High Pressure Pump Capable of up to 5,500 psi

Optional Accessories

- 5500 psi Upgrade Kit
- Aviation Model with Recycling capabilities
- Macerator Material Processing Pump
- Custom Color
- Hydrant Water Fill System
- CY210 Walk Behind Cleaning Attachment



Standard Features

- Aviation Light Package
- DOT Safety Package
- Rearview Monitoring System
- Rear Access Ladder

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Faster, Greener, Cleaner  **The Cyclone Difference**

Waterjet Technologies, LLC is a proud distributor of Cyclone Technology hard surface cleaning systems. Cyclone Technology has over 30 years of industry experience designing and manufacturing hard surface cleaning and rubber removal machines. The multi-patented Cyclone cleaning head, featured on all products, is the state of the art in green technology.