

## CY5000 & CY5500

### HARD SURFACE DEEP CLEANING WITH RECOVERY

- Ergonomically designed, high visibility operators cab with climate control and adjustable seat for increased operator safety and comfort.
- Up to 1,858m<sup>2</sup> per hour of environmentally friendly chemical free cleaning with instant waste water recovery at the Cyclone head without the use of an external vacuum system to eliminate water runoff and pooling.
- Up to 1,476L of water capacity with optional multi stage water recycling system for long run times and water conscious cleaning.
- Infinitely variable water pressure up to 379bar at 19LPM for a deep long lasting clean to accommodate any hard surface.



#### KEY FEATURES AND BENEFITS

- Vacuum free, built-in recovery/recycling with a multi-stage filtration system.
- Chemical free - allows deep impact cleaning with the use of only water and heat.
- 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.

#### HOW IT WORKS

- A vortex of air and water equivalent to a category 4 cyclone storm is created and 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 2 high-pressure water nozzles and 8 turbine blades that rotate at high speed. The continuous air movement creates lift that recovers water while removing dirt and debris.
- The swirling vortex of air and waste water further scours the surface - resulting in an exceptionally deep clean in a single pass.
- Waste water is flung by the air movement into a holding tank, where it is then pumped into the water reclaim tank - completing the waste water recovery process without a vacuum system.
- 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 non-vacuum design means less maintenance and lower annual fuel cost; resulting in a faster return on investment.

[WWW.CYCLONECLEAN.EU](http://WWW.CYCLONECLEAN.EU)

FASTER, GREENER, CLEANER  THE CYCLONE DIFFERENCE



TECHNICAL SPECIFICATIONS	CY5000	CY5500
Operator Cab Style	Enclosed cab design with heater and air conditioning	Enclosed cab design with heater and air conditioning
Cleaning Path	0.86m consistently cleaned	0.86m consistently cleaned
Water Pump	Triplex plunger capable of 297 bar at 19 LPM (optional 379 bar)	Triplex plunger capable of 297 bar at 19 LPM (optional 379 bar)
Output Pressure	Infinitely variable 83 bar – 297 bar (optional 379 bar)	Infinitely variable 83 bar – 297 bar (optional 379 bar)
Cleaning and Recovery Head	Hydraulically powered, cast aluminum 1.02m diameter with protective shield – patented design	Hydraulically powered, cast aluminum 1.02m diameter with protective shield – patented design
Water Heating System	Electronically fired, inline diesel powered heater with 240,000 BTU/hr output	Electronically fired, inline diesel powered heater with 240,000 BTU/hr output
Filtration System	None	Multi-stage filtration system consisting of two 75 um and two 30 um washable/reusable filter elements, each with 1,500in <sup>2</sup> . of filtration surface area
Water Tanks	Fresh water supply: 1,363 L Separate recovery tank for waste water. Easy fill and clean out design	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 model includes high pressure curb and gutter cleaning system and high pressure cleaning wand system with 7.6m of hose with reel	Standard model includes high pressure curb and gutter cleaning system and high pressure cleaning wand system with 7.6m of hose with reel
Steering	Front wheel steering with hydraulic power assist	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 17.7km/h. Power delivered to front wheels	Two (2) speed hydrostatic system provides accurate speed control at cleaning speeds. Maximum transport speed of 17.7km/h. Power delivered to front wheels
Controls	All cleaning actions controlled from operator seat with ergonomic operator interface	All cleaning actions controlled from operator seat with ergonomic operator interface
Brakes	Rear heavy duty automotive style 0.28m hydraulic drum brake with additional hand lever actuated parking brake	Rear heavy duty automotive style 0.28m hydraulic drum brake with additional hand lever actuated parking brake
Fuel Tank	68L	68L
Engine	Kubota liquid cooled turbo diesel tier 4 emissions that meets US EPA emission standards under 40 CFR 1039.625, CA Code of regulations title 13, section 2423, and EU IIIB directive 1011/88/EU	Kubota liquid cooled turbo diesel tier 4 emissions that meets US EPA emission standards under 40 CFR 1039.625, CA Code of regulations title 13, section 2423, and EU IIIB directive 1011/88/EU
Sound Level	Without Noise Reduction Kit (Standard): 84 dB A. With Noise Reduction Kit: 81 dB A	Without Noise Reduction Kit (Standard): 84 dB A. With Noise Reduction Kit: 81 dB A
Gradeability	20%	20%
Productivity	Up to 1,858m <sup>2</sup> /per hour	Up to 1,858m <sup>2</sup> /per hour
Run Time	1 hour	Up to 5 hours (application-dependent)
Weight	Empty: 2,094kg Full: 3,755kg	Empty: 2,667 kg Full: 4,142 kg
Dimensions	3,900mm x 1,400mm x 1,900mm	3,900mm x 1,400mm x 1,900mm

## OPTIONAL ACCESSORIES

- Backup Camera
- Laser Guidance Kit
- Special Order Color
- Noise Reduction Kit
- Carbon Reducing Exhaust System
- CY210 Tow Kit

## CYCLONE TECHNOLOGY EU

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