



victorysweepers.com

MARK

Specifications

4.6 Cubic Yard
High Dump
Recirculating Air
Pavement Cleaner



**VICTORY
SWEEPERS INC.** 

WINNING TOGETHER TM

DEBRIS HOPPER

Capacity.....	4.65 cubic yards/3.55 cubic meters
Construction.....	Stainless Steel
Exterior Finish.....	Brushed Stainless Steel
Interior Finish (no coating required).....	Stainless Steel
Suction Tube Diameter.....	10"
Suction Tube Material.....	Replaceable, Polyethylene
Engine Shroud (optional).....	Stainless Steel
Inspection Doors.....	1 on each side
Inspection Door Opening.....	13.7" x 26"
Dump Type.....	Hydraulic
Dump Cylinders.....	2 @ 4 x 16 (counterbalance safety valves standard)
Dump Height.....	70" / 1,778 mm (measured from ground to hopper opening)
Pre-Dump Hopper Separation.....	3" Slide-back
Dump Controls.....	Electric/joystick in-cab
Separator Screen Construction.....	Removable 2 pc/powder coated
Separator Screen Maintenance.....	Hydraulic assist access door

AUXILIARY ENGINE

Type/fuel.....	4 Cycle/diesel
Model.....	3024CT Caterpillar
Servicing Dealer Network.....	Caterpillar
Number of Cylinders.....	4
Displacement.....	2.2L
Bore.....	84mm
Stroke.....	100mm
Brake Horsepower.....	45.5KW/ 61 BHP
Oil Filter.....	Spin on
Air Filter.....	2 pc/Dry type w/ safety element
Safety Shutdown.....	Temperature and oil pressure

IMPELLER

Diameter.....	30"/762mm
Type.....	10 blade/backward inclined/high pressure
Maximum Speed.....	3050 RPM
Drive.....	6 Groove banded belt
Construction.....	2 Abrasion resisting grades of keyed welded steel
Mounting.....	2 Sealed & relubable ball bearings
Housing Construction.....	Welded steel
Housing Type.....	Unobstructed for open flow
Liner.....	Replaceable corded rubber
Liner Bolts.....	Coated for increased abrasion resistance

HYDRAULIC SYSTEM

Pump Type.....	Fixed displacement gear
Drive.....	Direct from auxiliary engine
Pump Capacity.....	5 GPM
System Filter.....	6 micron
Reservoir Capacity.....	16 gallons (60 L)

Back-up: (optional)

Pump Type.....	12 volt DC
Controls.....	Auto selected
Purpose.....	Power ALL hydraulic functions without auxiliary engine

CURB BROOM

Controls.....	Electric/joystick in-cab
Diameter.....	39"/991mm
Drive.....	Direct - Hydraulic motor
Tilt.....	Electric/joystick in-cab
Suspension.....	Spring
Bristle Type.....	Vertical digger
Bristle Material.....	Oil tempered wire
Bristle Length.....	20 or 26"

DUST SUPPRESSION

Water capacity.....	130 Gallons/492 L
Tank construction.....	Polyethylene
Pump type.....	12 volt, Diaphragm
Controls.....	In cab

SWEEPING HOOD

Type.....	Blast - Suction / Right to Left
Towing Type.....	2 Trailing arms
Suspension.....	4 Springs
Up Storage.....	Rubber stops
Hood Chamber Type.....	Non-changing / constant velocity
Type.....	2 piece
Material.....	High strength welded steel
Pressure tube.....	10" Diameter bolt in AR steel
Suction Tube.....	10" Diameter bolt in AR steel
Hood Widths.....	Standard 82"
Optional.....	90"
Flaps.....	3 total, 2 Adjustable, 1 Fixed
Front (Adjustable).....	1/8" x 14" non-corded
Middle (Fixed).....	3/8" x 6" corded
Rear (Adjustable).....	1/2" x 6" non-corded
Flap Adjustment.....	Independent without removing hood
Pressure Turning Vein.....	Replaceable abrasion resisting steel
Skids.....	Wide Single Row
Skid Material.....	Steel with virgin Tungsten Carbide
"Hoods - UP" (Anti-plowing).....	Independent hydraulics
"Hoods - UP" Controls.....	Electric / in-cab joystick

CONTROLS

Type.....	Can-bus electric
Location.....	In Cab / outside unit
Back-Up Systems.....	Redundant overrides on ALL electrical functions
Circuit Breakers.....	Individually resettable for EACH function
Configuration.....	Switch & Joystick
Joystick.....	Multi function
Switches.....	Sealed and back lighted

Monitoring Gages:

- Coolant temperature
- Oil pressure
- Hydraulic oil level
- Hydraulic oil temperature
- Voltage
- Hour meter
- Tachometer

Programmable Features:

- Service levels
- Override occurrences

STANDARD CHASSIS

Capacity GVWR.....	14,500 lbs/6,577 kgs
Make.....	Isuzu/GMC
Model.....	NPR/W4500

PROPULSION ENGINE

Type/Fuel.....	4 Cycle / Diesel
Model.....	Isuzu - 4 HK-TC
Cylinders.....	4
Displacement.....	5.19 L / 317 cid
Horsepower.....	190 hp @ 2600 RPM
Starter.....	12 v / 3kw
Alternator.....	12 v / 110 amp
Battery.....	2 @ 12 v - 750 CCA each
Oil Filter.....	Spin on
Air Filter.....	2 piece - Dry type w/ safety element

TRANSMISSION

Make.....	Isuzu
Type.....	Automatic
Speeds.....	4 Forward, 1 Reverse

TIRES AND WHEELS

Configuration.....	4 Rear, 2 Front
Tire Type.....	Tubeless / Steel belted radials
Tire Size.....	215/85R 16E
Wheels.....	Steel/one piece

BRAKES

Type.....	Front disc/Rear drum
Power.....	Hydraulic dual circuit w/ load sense valve
Parking.....	Mechanical/Trans mounted
Exhaust.....	Vacuum assist

CAB

Type.....	Cab over Engine
Engine Access.....	Manual tilt
Construction.....	Steel
Air Conditioning.....	Standard
Radio.....	Standard
Windows.....	Electric
Steering.....	Integral Power
Color.....	White

WEIGHTS AND DIMENSIONS

Total Empty Weight.....	10,600 lbs / 4,808 kgs
Chassis only Curb Weight.....	5,514 lbs / 2,769 kgs
Wheel Base.....	109" / 2,769mm
Turning Diameter (curb-to-curb).....	33' 6" / 10,21m
Overall Length.....	214" / 5,435mm
Overall Height.....	92" / 2,337mm
Overall Width.....	92" / 2,337mm
Sweeping Width (hood only).....	82" / 2,083mm
Sweeping Width (hood and left broom).....	101" / 2,565mm
Sweeping Width (hood and dual brooms).....	116" / 2,946mm

OPTIONAL EQUIPMENT

- Engine Shroud
- Spray Bar
- LED Bar light
- Big Bumper
- LED Hood lights
- Rear Bag Rack
- Spare Tire & Wheel
- 12 Volt Backup
- Dump Assist Shaker
- Battery Disconnect
- Dual Brooms
- Hand Hose 6"
- Back-up Alarm
- Hopper Drain
- Bag Rack

STANDARD 12 MONTH LIMITED WARRANTY

12 Month, 1200 Hour Warranty

(whichever occurs first)

1. Chassis – Limited 36 mo or unlimited mileage
2. Perkins & Caterpillar Auxiliary Engines – Limited 12 mo or 1200 hrs
3. Mark II – Limited 12 mo or 1200 hrs
4. Hydraulics – Limited 12 mo or 1200 hrs
5. Electrical Controls & Components – Limited 12 mo or 1200 hrs
6. LED Lighting – Limited 12 mo or 1200 hrs
7. Carbide Skid Shoes – Limited 12 mo or 1200 hrs
8. Fan – Limited 12 mo or 1200 hrs

**Please read actual warranty for details and limitations*

SOLID 60 LIMITED WARRANTY OPTIONAL

60 Month, 5000 Hour, 150,000 Mile Warranty

(whichever occurs first)

1. Chassis – Limited 60 mo or 150,000 mi warranty
2. Caterpillar Auxiliary Engine – Limited 60 mo or 5000 hrs*
3. Mark II – Limited 60 mo or 5000 hrs
4. Hydraulics – Limited 24 mo or 2400 hrs
5. Electrical Controls & Components – Limited 24 mo or 2400 hrs
6. LED Lighting – Limited 60 mo or unlimited hrs
7. Carbide Skid Shoes – Limited 24 mo or unlimited hrs
8. Fan – Limited 60 mo or 5000 hrs

**Extended warranty may be non OEM provider*

**Please read actual warranty for details and limitations*

**Combination of options may require heavier GVW Chassis*

Model shown with optional equipment • Specifications subject to change without notice



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