



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 .....	Aluminum
Exterior Finish.....	Aluminum
Interior Finish.....	Aluminum
Suction Tube Diameter.....	10"
Suction Tube Material.....	Replaceable, Polyethylene
Engine Shroud (optional).....	Aluminum
Inspection Doors.....	1 on each side
Inspection Door Opening.....	13.7" x 26"
Dump Type.....	Hydraulic
Dump Cylinders.....	2 @ 4 x 16
	<i>(counterbalance safety valves standard)</i>
Dump Height.....	70" / 1,778mm
	<i>(measured from ground to hopper opening)</i>
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

**IMPELLER**

Diameter.....	30" / 762mm
Type.....	10 blade / backward inclined / high pressure
Maximum Speed.....	2100 RPM
Drive .....	Hydraulic-Direct
Construction .....	2 Abrasion resisting grades of keyed welded steel
Mounting.....	2 Sealed 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 .....	Variable displacement piston
Drive .....	Belt from engine
Pump Capacity.....	21 GPM
System filter.....	.6 micron
Reservoir capacity.....	38 gallons (144 L)
Motor.....	Fixed displacement gear

**Back-up: (optional)**

Pump type .....	12 volt DC
Controls .....	Auto selected
Purpose.....	Power ALL hydraulic functions without Chassis Engine

**CURB BROOM**

Diameter.....	39" / 991mm
Drive .....	Direct - Hydraulic motor
Tilt .....	Electric - in cab w/ joystick
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.....	Electric
Location .....	In Cab
Circuit Breakers.....	Individually fused
Configuration.....	Switch & Joystick
Joystick.....	Multi function
Switches .....	Sealed and backlighted

**Monitoring Indicators:**

- Hour meter
- Hydraulic oil level - Warning Light
- Hydraulic oil temperature - Warning Light

**TIRES AND WHEELS**

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

**STANDARD CHASSIS**

Capacity GVWR .....	12,000 lbs / 5,455 kgs
Make.....	GMC
Model .....	W3500
Optional GVWR.....	14,500 lbs / 6,577 kgs

**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

**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.....	9,800 lbs / 4,454 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

**OPTIONAL EQUIPMENT**

- Engine Shroud
- 12v Backup Hydraulics
- Hopper Drain
- Spray Bar
- Stainless Hopper/Shroud
- Hand Hose 6"
- LED Bar light
- Special Paint Chassis
- Back-up Alarm
- Big Bumper
- Dump Assist Shaker
- Spare Tire & Wheel
- Bag Rack
- Battery Disconnect

**STANDARD 12 MONTH LIMITED WARRANTY**

**12 Month, 1200 Hour Warranty**

*(whichever occurs first)*

1. Chassis - Limited 36 mo or unlimited mileage
2. Mark I - Limited 12 mo or 1200 hrs
3. Hydraulics - Limited 12 mo or 1200 hrs
4. Electrical Controls & Components - Limited 12 mo or 1200 hrs
5. LED Lighting - Limited 12 mo or 1200 hrs
6. Carbide Skid Shoes - Limited 12 mo or 1200 hrs
7. 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. Mark I - Limited 60 mo or 5000 hrs
3. Hydraulics - Limited 24 mo or 2400 hrs
4. Electrical Controls & Components - Limited 24 mo or 2400 hrs
5. LED Lighting - Limited 60 mo or unlimited hrs
6. Carbide Skid Shoes - Limited 24 mo or unlimited hrs
7. 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*



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