

www.victorysweepers.com

**VICTORY
SWEEPERS**



MARK 6



74.3 hp Kubota Turbo Diesel
30 inch dia Hardox Steel Fan
105 gallon Poly Water Tank
42 inch dia Gutter Broom(s)
In-cab Remote Broom Tilt
Over-sized Tool Storage Boxes
Reverse Sweep Pickup Head
In-cab Operating Controls
LED Lighting w/ Integral Strokes
Large side inspection doors
Hydraulic Dump/Cleanout Doors

Recirculating Air Street Sweeper

6.58 yd³ Low Dump
Stainless Steel Hopper
Isuzu NRR Diesel Chassis
19,500 lbs GVWR
132" Wheelbase



Victory Sweepers
631 Fields Road
Lacey Spring, AL 35754

A division of ROOTS MULTI CLEAN, Inc.

844-479-3373

ROOTS
ADDING VALUE

VICTORY MARK 6 SPECIFICATIONS

DEBRIS HOPPER

Capacity.....	6.58 cubic yards/ 5.03 cubic meters
Construction.....	Stainless Steel
Exterior Finish.....	Vinyl Wrap or Stainless Steel
Interior Finish.....	Uncoated Stainless Steel
Suction Tube Diameter.....	12" with quick disconnect
Suction Tube Material.....	Abrasion Resistant Steel
Hopper Shaker / Vibrator.....	Electric
Inspection Doors.....	1 on each side
Inspection Door Opening.....	13.7" x 26"
Dump Type.....	Hydraulic low dump to rear
Dump Cylinders.....	2 @ 4" x 16"
Dump Height.....	32"
Dump Controls.....	Electric In-cab
Separator Screen Construction.....	Stainless Steel
Separator Screen Maintenance.....	Hydraulic assist access door
Hopper Drain System.....	Provided on rear door

AUXILIARY ENGINE

Type/fuel.....	4 Cycle / Turbo Aftercooled Diesel
Make.....	Kubota
Model.....	V3307-CR-Ti-E4B
Number of Cylinders.....	4
Displacement.....	203 cu in/3.33 litres
Bore.....	3.70 in/94 mm
Stroke.....	4.72 in/120 mm
Brake Horsepower.....	74.3 HP/55.4 KW
Oil Filter.....	Spin on
Air Filter.....	2 pc / Dry type w/ safety element
Safety Shutdown.....	Water temp, water level and oil pressure
Engine Shroud.....	Stainless Steel

IMPELLER

Diameter.....	30"
Type.....	10 blade backward inclined high pressure
Drive.....	3V 8-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 airflow
Liner.....	Replaceable corded rubber
Liner Bolts.....	Coated for increased abrasion resistance

HYDRAULIC SYSTEM

Pump Type.....	Fixed displacement gear
Drive.....	Direct
Pump Capacity.....	Tandem 5/5 GPM
System Filtration.....	10 micron
Reservoir Capacity.....	18 gallons

Hydraulic Back-up System

Pump Type.....	12 volt DC
Controls.....	In cab
Purpose.....	Powers all hydraulic functions without auxiliary engine

DUST SUPPRESSION

Water Capacity.....	105 gallons
Tank Construction.....	Polyethylene
Pump Type.....	12 volt, Diaphragm
Controls.....	In cab
Front mounted Spray Bar.....	7 brass nozzles
Hopper mounted Spray Bar.....	4 brass nozzles

CURB BROOMS

Type.....	Right and Left Vertical Steel
Controls.....	Electric in-cab
Diameter.....	42"
Drive.....	Direct - Hydraulic motor
Tilt.....	Hydraulic in-cab
Suspension.....	Spring
Bristle Type.....	Vertical digger
Bristle Material and Length.....	Oil tempered steel wire - 26"
Center Broom Deflector.....	Rubber

SWEEPING HOOD

Type.....	Regenerative / Blast Orifice
Towing Type.....	2 Adjustable Trailing arms
Suspension.....	4 Springs
Up Storage.....	Rubber stops
Material.....	Welded steel
Pressure Tube.....	12" Diameter AR steel
Suction Tube.....	12" Diameter AR steel
Hoses.....	12" diameter molded rubber w/ quick disconnect
Hood Width.....	80"
Flaps.....	5 Total
Skids.....	Double row
Skid Material.....	Steel with virgin Tungsten Carbide
Direction.....	Forward and reverse
"HOODS UP" (Anti-plowing).....	Independent hydraulics
"HOODS UP" Controls.....	Electric in-cab
"HOOD FLUSH" System.....	Right side

CONTROLS

Type.....	Electric
Location.....	In-cab
Circuit Breakers.....	Individually resettable
Switches.....	Rocker
Monitoring.....	Hour meter, Tach, Oil Pressure, Coolant Temp, Volts

STANDARD CHASSIS

Make.....	Isuzu
Model.....	NRR
Capacity / GVWR.....	19,500 lbs

PROPULSION ENGINE

Type/Fuel.....	4 Cycle / Diesel
Model.....	Isuzu 4HK1-TC turbo intercooled
Cylinders.....	4
Displacement.....	5.2 L / 317 cid
Horsepower.....	215 hp @ 2,500 rpm
Torque.....	452 lb-ft @ 1,850 rpm
Starter.....	12v
Alternator.....	140 amp
Battery.....	dual - 750 CCA
Oil Filter.....	Spin-on
Air Filter.....	Dry-type

TRANSMISSION

Make.....	Aisin A465id 6-speed double overdrive
Type.....	Automatic
Speeds.....	6 Forward, 1 Reverse

TIRES AND WHEELS

Configuration.....	2 Front, 4 Rear
Tire Type.....	Tubeless / Steel belted radials
Tire Size.....	225/70R19.5G
Wheels.....	Steel disc / one piece

BRAKES

Type.....	Four-wheel disc
Power.....	Vacuum/Hydraulic with 4-channel ABS
Parking.....	Mechanical / Trans mounted

CAB

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

CAMERA

Type.....	Two-Camera System with Color Monitor
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WEIGHTS AND DIMENSIONS

Total Empty Weight.....	13,500 lbs
Chassis Only Curb Weight.....	6,862 lbs
Wheel Base.....	132"
Turning Diameter (curb to curb).....	40' 0"
Overall Length.....	245"
Overall Height.....	102"
Overall Width.....	92"
Sweeping Width (hood only).....	80"
Sweeping Width (hood and single broom).....	104"
Sweeping Width (hood and dual brooms).....	130"

OPTIONAL EQUIPMENT

8" Diameter Auxiliary Suction Hose (spring boom)	
8" Diameter Auxiliary Suction Hose (power boom)	

High Pressure Washdown	LED Bar Light	Hopper Deluge
Gutter Broom Scrub	Illuminator Bumper	Dual Steering
Extra 95 gal Water Tank		

STANDARD 12 MONTH LIMITED WARRANTY

- 12 Month, 1200 Hour Warranty** (whichever occurs first)
1. Chassis - Limited 36 months or 36,000 miles
 2. Kubota Auxiliary Engine - Limited 24 mo or 2000 hrs
 3. Sweeper Unit - Limited 12 months or 1200 hrs
 4. Impeller Fan - Limited 60 mo or 5000 hrs

* 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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