

www.victorysweepers.com

**VICTORY
SWEEPERS**



TM

**LIBERTY
MARK III**



*67 hp Perkins Turbo Diesel
30 inch diameter Fan
105 gallon Poly Water Tank
39 inch dia Gutter Broom
In-cab Remote Broom Tilt
Over-sized Tool Storage Boxes
Reverse Sweep Pickup Head
In-cab Operating Controls
LED Lighting w/ Integral Strokes
Hydraulic Dump/Cleanout Doors
Blast Orifice Style Pickup Head
Exclusive 'HOODS UP' Feature*

Recirculating Air Street Sweeper

4.35 yd³ High Dump

Stainless Steel Hopper

17,950 lbs GVWR



Victory Sweepers
105 Green Cove Rd
Huntsville, AL 35803

a division of ROOTS MULTICLEAN, Inc.

844-479-3373

ROOTS
ADDING VALUE

LIBERTY MARK III SPECIFICATIONS

DEBRIS HOPPER

Capacity.....	4.35 cubic yards/ 3.32 cubic meters
Construction.....	Stainless Steel
Exterior Finish.....	Vinyl Wrap or Polished Stainless Steel
Interior Finish.....	Uncoated Stainless Steel
Suction Tube Diameter.....	12"
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"
Dump Height.....	70"
Dump Controls.....	Electric In-cab
Separator Screen Construction.....	2 pc Stainless Steel
Separator Screen Maintenance.....	Hydraulic assist access door

AUXILIARY ENGINE

Type/fuel.....	4 Cycle / Turbo Aftercooled Diesel
Make.....	Perkins
Model.....	404F-22TA
Number of Cylinders.....	4
Displacement.....	135 cu in/2.2 litres
Bore.....	3.3 in/85 mm
Stroke.....	3.9 in/100 mm
Brake Horsepower.....	67 BHP/50 KW
Oil Filter.....	Spin on
Air Filter.....	2 pc / Dry type w/ safety element
Safety Shutdown.....	Temperature and Oil Pressure

IMPELLER

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

HYDRAULIC SYSTEM

Pump Type.....	Fixed displacement gear
Drive.....	Direct
Pump Capacity.....	5 GPM
System Filtration.....	10 micron
Reservoir Capacity.....	16 gallons

Hydraulic Back-up System (optional)

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

CURB BROOM

Controls.....	Electric in-cab
Diameter.....	39"
Drive.....	Direct - Hydraulic motor
Tilt.....	Hydraulic in-cab
Suspension.....	Spring
Bristle Type.....	Vertical digger
Bristle Material.....	Oil tempered steel wire
Bristle Length.....	26"

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
Hood Width.....	80"
Flaps.....	3 Total
Skids.....	Double row
Skid Material.....	Steel with virgin Tungsten Carbide
"HOODS UP" (Anti-plowing).....	Independent hydraulics
"HOODS UP" Controls.....	Electric in-cab

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.....	NQR HD
Capacity / GVWR.....	17,950 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.....	225/70R19.5F
Wheels.....	Steel disc / one piece

BRAKES

Type.....	Front disc / Rear drum w/ Exhaust Brake
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

WEIGHTS AND DIMENSIONS

Total Empty Weight.....	11,050 lbs
Chassis Only Curb Weight.....	7,150 lbs
Wheel Base.....	132"
Turning Diameter (curb to curb).....	38' 7"
Overall Length.....	237"
Overall Height.....	99"
Overall Width.....	92"
Sweeping Width (hood only).....	80"
Sweeping Width (hood and left broom).....	101"
Sweeping Width (hood and dual brooms).....	116"

OPTIONAL EQUIPMENT

Engine Shroud	LED Hood Lights	Back-up Alarm
Spray Bar	Spare Tire & Wheel	Hand Hose 6"
LED Bar Light	12 Volt Backup	Big Bumper
Dump Assist Shaker	Tool Boxes	Hopper Drain
Package Trays	Tool Box Trays	

STANDARD 12 MONTH LIMITED WARRANTY

12 Month, 1200 Hour Warranty (whichever occurs first)

1. Chassis - Limited 36 months or unlimited mileage
2. Perkins Auxiliary Engine - Limited 24 mo or 3000 hrs
3. Sweeper Unit - Limited 12 months or 1200 hrs
4. Hydraulics - Limited 12 months 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. Impeller Fan - Limited 12 mo or 1200 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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