

VICTORY SWEEPERS

A division of ROOTS MULTI CLEAN, Inc.

TM

www.victorysweepers.com

VICTORY DF12

- 23.9 hp Isuzu diesel engine
- 26 inch diameter Hardox fan
- 105 gallon dust control system
- 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 strobes
- hyd dump & cleanout doors
- exclusive 'HOODS UP' feature
- Aluminum debris hopper



Recirculating Air Pavement Cleaner

Dual Fuel Sweeper
(gas chassis - diesel sweeper)

**4.35 yd³ High Dump
Aluminum Hopper
Isuzu NPR Gas Chassis
12,000 LB GVWR
109" Wheelbase**



Victory Sweepers
631 Fields Road
Laceys Spring, AL 35754
A division of ROOTS MULTI CLEAN, Inc.

844-479-3373

ROOTS
ADDING VALUE

VICTORY DF12 SPECIFICATIONS

DEBRIS HOPPER

Capacity.....	4.35 cubic yards/ 3.32 cubic meters
Construction.....	Aluminum Standard, Stainless Steel Optional
Exterior Finish.....	Vinyl Wrap
Interior Finish.....	Aluminum
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"
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 / Naturally aspirated diesel
Make.....	Isuzu
Model.....	3CH1
Number of Cylinders.....	3
Displacement.....	79.3 cu in/1.3 litres
Brake Horsepower.....	23.9 BHP/17.8 KW
Oil Filter.....	Spin on
Air Filter.....	2 pc / Dry type w/ safety element

IMPELLER

Diameter.....	26"
Type.....	10 blade backward inclined high pressure
Drive.....	3V 4-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.....	13 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.....	Electric in-cab
Suspension.....	Spring
Bristle Type.....	Vertical digger
Bristle Material.....	Oil tempered steel wire
Bristle Length.....	26"

SWEEPING HOOD

Type.....	Blast - Suction / Right to Left
Towing Type.....	2 Trailing arms
Suspension.....	4 Springs
Up Storage.....	Rubber stops
Type.....	2 piece
Material.....	Welded steel
Pressure Tube.....	10" Diameter AR steel
Suction Tube.....	10" Diameter AR steel
Hood Widths.....	Standard 82", Optional 90"
Flaps.....	3 Total
Skids.....	Single row adjustable reversible
Skid Material.....	Steel with virgin Tungsten Carbide
Direction.....	Forward and reverse
"HOODS UP" (Anti-plowing).....	Independent hydraulics
"HOODS UP" Controls.....	Electric in-cab

CONTROLS

Type.....	Electric
Location.....	In-cab
Circuit Breakers.....	Individually resettable
Switches.....	Rocker

STANDARD CHASSIS

Make.....	Isuzu
Model.....	NPR Gas
Capacity / GVWR.....	12,000 lbs

PROPULSION ENGINE

Type/Fuel.....	4 Cycle / Gas
Model.....	GMPT L8T (GEN V)
Cylinders.....	8
Displacement.....	6.6 L / 400 cid
Horsepower.....	350 hp @ 4,500 rpm
Torque.....	425 lb-ft @ 3,800 rpm
Starter.....	12v
Alternator.....	170 amp
Battery.....	12v - 750 CCA
Oil Filter.....	Spin-on
Air Filter.....	Dry-type

TRANSMISSION

Make.....	6L90 Hydra-Matic 6-speed
Type.....	Automatic
Speeds.....	6 Forward, 1 Reverse

TIRES AND WHEELS

Configuration.....	2 Front, 4 Rear
Tire Type.....	Tubeless / Steel belted radials
Tire Size.....	215/85R16E
Wheels.....	Steel disc / one piece

BRAKES

Type.....	Front disc / Rear drum
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.....	9,800 lbs
Chassis Only Curb Weight.....	5,204 lbs
Wheel Base.....	109"
Turning Diameter.....	31' 5"
Overall Length.....	214"
Overall Height.....	92"
Overall Width.....	92"
Sweeping Width (hood only).....	82" or 90"
Sweeping Width (hood and left broom).....	101"
Sweeping Width (hood and dual brooms).....	116"

FUEL TANKS

Chassis (gasoline).....	38.6 gallons
Auxiliary Engine (diesel).....	20 gallons

OPTIONAL EQUIPMENT

Rear Aluminum Tool Boxes	LED Hood Lights	Back-up Alarm
Front Mounted Spray Bar	Spare Tire & Wheel	LED Bar Light
12 Volt Backup Hydraulics	Hopper Drain System	Camera System
Stainless Steel Hopper		

STANDARD 12 MONTH LIMITED WARRANTY

12 Month, 1200 Hour Warranty (whichever occurs first)

1. Chassis - Limited 36 months or 36,000 miles
2. Isuzu 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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