

VICTORY SWEEPERS

WINNING TOGETHER

LIBERTY DX

- 67 hp Perkins turbo diesel
- 30 inch diameter Hardox 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 strobes
- hydraulic dump & cleanout doors
- exclusive 'HOODS UP' feature
- stainless steel debris hopper



Recirculating Air Pavement Cleaner



4.35 yd³ High Dump

Stainless Steel Hopper

14,500 lb GVWR

LIBERTY DX SPECIFICATIONS

DEBRIS HOPPER

Capacity..... 4.35 cubic yards/ 3.32 cubic meters
 Construction..... Stainless Steel
 Exterior Finish..... Vinyl Wrap
 Interior Finish..... 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"
 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..... Oil Pressure

IMPELLER

Diameter..... 30"
 Type..... 10 blade backward inclined high pressure
 Drive..... 4 Groove banded belt
 Construction..... 2 Abrasion resisting grades of keyed welded steel
 Mounting..... 2 Sealed & reliable 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..... 6 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
 Front..... 1/4" x 6.5" non-corded rubber
 Middle..... 3/8" x 6" non-corded rubber
 Rear..... 1/2" x 6" non-corded rubber
 Skids..... Single 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/GMC
 Model..... NPR HD / W4500
 Capacity / GVWR..... 14,500 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..... 215/85R16E
 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..... 9,900 lbs
 Chassis Only Curb Weight..... 5,964 lbs
 Wheel Base..... 132"
 Turning Diameter (curb to curb)..... 38' 7"
 Overall Length..... 237"
 Overall Height..... 99"
 Overall Width..... 92"
 Sweeping Width (hood only)..... 82" or 90"
 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 36,000 miles
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.



www.victorysweepers.com

844-479-3373

Victory Sweepers, a division of ROOTS MULTICLEAN, Inc.
 105 Green Cove Rd, Huntsville, AL 35803