

VICTORY SWEEPERS

www.victorysweepers.com

LIBERTY DF

- 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
- hyd dump & cleanout doors
- exclusive 'HOODS UP' feature
- stainless steel debris hopper



Recirculating Air Pavement Cleaner



Dual Fuel Sweeper

(gas chassis - diesel sweeper)

4.35 yd³ High Dump

14,500 lb GVWR

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

844-479-3373

ROOTS
ADDING VALUE

LIBERTY DF 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 & 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..... | 6 micron |
| Reservoir Capacity..... | 13 gallons |

Back-up (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 Gas / W4500 Gas |
| Capacity / GVWR..... | 14,500 lbs |

PROPULSION ENGINE

| | |
|-------------------|-----------------------------|
| Type/Fuel..... | 4 Cycle / Gas |
| Model..... | GMPT L96 (Gen IV) V8 Vortec |
| Cylinders..... | 8 |
| Displacement..... | 6.0 L / 365 cid |
| Horsepower..... | 297 hp @ 4,300 rpm |
| Starter..... | 12v |
| Alternator..... | 145 amp |
| Battery..... | 12v - 750 CCA |
| Oil Filter..... | Spin-on |
| Air Filter..... | Dry-type |

TRANSMISSION

| | |
|-------------|-------------------------------|
| Make..... | 6L90 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/G |
| 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..... | 9,900 lbs |
| Chassis Only Curb Weight..... | 5,326 lbs |
| Wheel Base..... | 109" |
| Turning Diameter..... | 33' 6" |
| 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" |

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

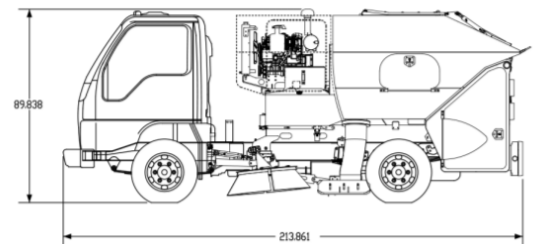
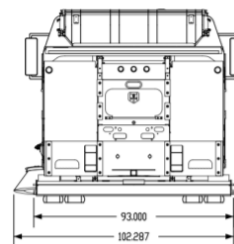
(whichever occurs first)

1. Chassis - Limited 36 months or 36,000 miles
2. Kohler Auxiliary Engine - Limited 12 mo or 1200 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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