

**VICTORY
SWEEPERS**

WINNING TOGETHER

LIBERTY DX

- 59 hp Kubota Turbo Diesel
- 710 mm diameter Fan
- 400 L Poly Water Tank
- 1000 mm dia Gutter Broom
- Incab Remote Broom Tilt
- Over-sized Tool Storage Boxes
- Reverse Sweep Pickup Head
- Incab Operating Controls
- LED Lighting w/ Integral Strobes
- Hydraulic Dump/Cleanout Doors
- Exclusive 'HOODS UP' Feature



Recirculating Air Pavement Cleaner



3.32 Cubic Meters
High Dump
Stainless Steel
Debris Hopper

LIBERTY DX SPECIFICATIONS

DEBRIS HOPPER

Capacity.....	3.32 cubic meters
Construction.....	Stainless Steel
Exterior Finish.....	Vinyl Wrap
Interior Finish.....	Stainless Steel
Suction Tube Diameter.....	250 mm
Suction Tube Material.....	Replaceable, Polyethylene
Engine Shroud (optional).....	Stainless Steel
Inspection Doors.....	1 on each side
Inspection Door Opening.....	350x660 mm
Dump Type.....	Hydraulic
Dump Cylinders.....	2@ 100mmx400mm
Dump Height.....	1780 mm
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.....	Kubota
Model.....	V2403
Number of Cylinders.....	4
Displacement.....	2.4 litres
Bore.....	87 mm
Stroke.....	102.4 mm
Brake Horsepower.....	59BHP/44KW
Oil Filter.....	Spin on
Air Filter.....	2 pc / Dry type w/ safety element
Safety Shutdown.....	Oil Pressure

IMPELLER

Diameter.....	710 mm
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.....	3.78LPM
System Filtration.....	6 micron
Reservoir Capacity.....	50L

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.....	400L
Tank Construction.....	Polyethylene
Pump Type.....	12 volt, Diaphragm
Controls.....	In cab

CURB BROOM

Controls.....	Electric in-cab
Diameter.....	1000mm
Drive.....	Direct - Hydraulic motor
Tilt.....	Electric in-cab
Suspension.....	Spring
Bristle Type.....	Vertical digger
Bristle Material.....	Oil tempered steel wire
Bristle Length.....	660 mm

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.....	250 mm AR steel
Suction Tube.....	250 mm AR steel
Hood Widths.....	Standard 2080 mm, Optional 2285 mm
Flaps.....	3 Total
Front.....	6 mm x 165 mm non-corded rubber
Middle.....	9.5 mm x 150 mm non-corded rubber
Rear.....	12 mm x 150 mm 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.....	4490 kg
Chassis Only Curb Weight.....	2705 kg
Wheel Base.....	3350 mm
Turning Diameter (curb to curb).....	11.7 m
Overall Length.....	6020 mm
Overall Height.....	2514 mm
Overall Width.....	2337 mm
Sweeping Width (hood only).....	2080/2285 mm
Sweeping Width (hood and left broom).....	2565 mm
Sweeping Width (hood and dual brooms).....	2945 mm

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.



Please feel free to contact us

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