

LIBERTY GX™



Specifications



4.35 Cubic Yard
High Dump
Recirculating Air
Pavement Cleaner

DEBRIS HOPPER

Capacity..... 4.35 cubic yards/3.32 cubic meters
 Construction..... Steel
 Exterior Finish..... Powder Coated
 Interior Finish..... Powder Coated
 Suction Tube Diameter..... 10"
 Suction Tube Material..... Replaceable, Polyethylene
 Engine Shroud (optional)..... Steel
 Inspection Doors..... 1 on each side
 Inspection Door Opening..... 13.7" x 26"
 Dump Type..... Hydraulic
 Dump Cylinders..... 2 @ 4 x 16
 (counterbalance safety valves standard)
 Dump Height..... 70" / 1,778 mm
 (measured from ground to hopper opening)
 Dump Controls..... Electric in-cab
 Separator Screen Construction..... Removable 2 pc
 Separator Screen Maintenance..... Hydraulic assist access door
 Optional Hopper Construction..... Uncoated, raw Stainless Steel

AUXILIARY ENGINE

Type/fuel..... 4 Cycle / Gas
 Model..... CH940
 Servicing Dealer Network..... Kohler
 Number of Cylinders..... 2
 Displacement..... 999cc
 Bore..... 90mm
 Stroke..... 78.5mm
 Brake Horsepower..... 25.4KW / 34 BHP
 Oil Filter..... Spin on
 Air Filter..... 2 pc / Dry type w/ safety element
 Safety Shutdown..... Oil Pressure

IMPELLER

Diameter..... 28" / 711mm
 Type..... 10 blade / backward inclined / high pressure
 Maximum Speed..... 2800 RPM
 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 flow
 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 Filter..... 6 micron
 Reservoir Capacity..... 13 gallons (49 L)

Back-up: (optional)

Pump Type..... 12 volt DC
 Controls..... In cab
 Purpose..... Power ALL hydraulic functions without auxiliary engine

DUST SUPPRESSION

Water capacity..... 105 Gallons/397 L
 Tank construction..... Polyethylene
 Pump type..... 12 volt, Diaphragm
 Controls..... In cab

CURB BROOM

Controls..... Electric in-cab
 Diameter..... 39" / 991mm
 Drive..... Direct - Hydraulic motor
 Tilt..... Electric in-cab
 Suspension..... Spring
 Bristle Type..... Vertical digger
 Bristle Material..... Oil tempered wire
 Bristle Length..... 20 or 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
 Middle..... 3/8" x 6" non-corded
 Rear..... 1/2" x 6" non-corded
 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 Gages:

- Hour meter (std)

STANDARD CHASSIS

Capacity GVWR..... 12,000 lbs / 5,454 kgs
 Make..... Isuzu/GMC
 Model..... NPR/W3500

PROPULSION ENGINE

Type/Fuel..... 4 Cycle / Gas
 Model..... Vortec 6000
 Cylinders..... 8
 Displacement..... 6.0 L / 365 cid
 Horsepower..... 325 hp @ 5000 RPM
 Starter..... 12 v / 3kw
 Alternator..... 12 v / 145amp
 Battery..... 1 @ 12v - 750 CCA each
 Oil Filter..... Spin on
 Air Filter..... Dry type

TRANSMISSION

Make..... 4L80 Hydra-matic
 Type..... Automatic
 Speeds..... 4 Forward, 1 Reverse

TIRES AND WHEELS

Configuration..... 4 Rear, 2 Front
 Tire Type..... Tubeless / Steel belted radials
 Tire Size..... 215/85R 16E
 Wheels..... Steel / one piece

BRAKES

Type..... Front disc / Rear drum
 Power..... Hydraulic dual circuit w/ load sense valve
 Parking..... Mechanical / Trans mounted

CAB

Type..... Cab over Engine
 Engine Access..... Manual tilt
 Construction..... Steel
 Air Conditioning..... Standard
 Radio..... Standard
 Windows..... Electric
 Steering..... Integral Power
 Color..... White

WEIGHTS AND DIMENSIONS

Total Empty Weight..... 9,500 lbs / 4,318 kgs
 Chassis only Curb Weight..... 4,950 lbs / 2,250 kgs
 Wheel Base..... 109" / 2,769mm
 Turning Diameter (curb-to-curb)..... 33' 6" / 10,21m
 Overall Length..... 214" / 5,435mm
 Overall Height..... 92" / 2,337mm
 Overall Width..... 92" / 2,337mm
 Sweeping Width (hood only)..... 82" / 2,083mm
 Sweeping Width (hood and left broom)..... 101" / 2,565mm
 Sweeping Width (hood and dual brooms)..... 116" / 2,946mm

OPTIONAL EQUIPMENT

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

STANDARD 12 MONTH LIMITED WARRANTY

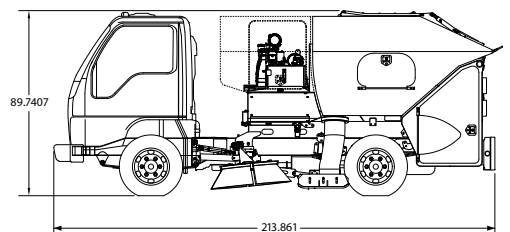
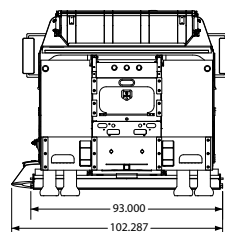
12 Month, 1200 Hour Warranty

(whichever occurs first)

1. Chassis – Limited 36 months or 36,000 miles
2. Kohler Auxiliary Engines – Limited 12 mo or 1200 hrs
3. Sweeper Unit – Limited 12 mo or 1200 hrs
4. Hydraulics – Limited 12 mo 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. 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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