

# VICTORY SWEEPERS



[www.victorysweepers.com](http://www.victorysweepers.com)

## LIBERTY CXi



*2.7 yd<sup>3</sup> High Dump  
Stainless Steel Hopper*

## Recirculating Air Pavement Cleaner

- cab-forward gas chassis
- 25 hp gas auxiliary engine
- 20 inch dia Hardox steel fan
- 50 gallon 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
- exclusive 'HOODS UP' feature



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

# 844-479-3373

**ROOTS**  
ADDING VALUE

# LIBERTY CXI SPECIFICATIONS

## DEBRIS HOPPER

Capacity.....	2.7 cubic yards/ 2.06 cubic meters
Construction.....	Stainless Steel
Exterior Finish.....	Vinyl Wrap
Interior Finish.....	Stainless Steel
Suction Tube Diameter.....	10"
Suction Tube Material.....	Replaceable, Polyethylene
Inspection Doors.....	2, (1 on each side)
Inspection Door Opening.....	9.75" x 20"
Dump Type.....	Hydraulic
Dump Cylinders.....	2 @ 3" x 20"
Dump Height.....	70"
Dump Controls.....	Electric In-cab
Separator Screen Construction.....	Stainless Steel
Separator Screen Maintenance.....	Hydraulic access door

## AUXILIARY ENGINE

Type/fuel.....	4 Cycle / Gas EFI
Make.....	Command PRO by Kohler
Model.....	ECH740 Air Cooled
Number of Cylinders.....	2
Displacement.....	747 cc
Bore.....	3.3 in/83 mm
Stroke.....	2.7 in/69 mm
Brake Horsepower.....	25 HP/18.6 KW
Oil Filter.....	Spin on
Air Filter.....	2 pc / Dry type w/ safety element
Oil Cooler.....	Included

## IMPELLER

Diameter.....	20"
Type.....	8 blade backward inclined high pressure
Drive.....	Multi-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.....	Belt
Pump Capacity.....	5 GPM
System Filtration.....	10 micron
Reservoir Capacity.....	10 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.....	50 gallons
Tank Construction.....	Aluminum
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

## STANDARD CHASSIS

Make.....	Isuzu
Model.....	NPR Gas
Capacity / GVWR.....	12,000 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.....	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.....	9,900 lbs
Chassis Only Curb Weight.....	5,022 lbs
Wheel Base.....	109"
Turning Diameter (curb to curb).....	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

LED Hood Lights	Back-up Alarm	
Spray Bar	Spare Tire & Wheel	Hand Hose 5"
LED Bar Light	12 Volt Backup	Big Bumper
Dump Assist Shaker	Tool Boxes	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 ECH740 Auxiliary Engine - Limited 36 months
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 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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