



NiteHawk Electric Hybrid Specifications

STANDARD SPECS

GENERAL

Length	19'6" (5944mm)
Width	92" (2336mm)
Height	91" (2311mm)
Sweep Path	82" (2083mm)
Sweep Path w/ 1 Broom	95" (2413mm)
Sweep Path w/ Dual Broom	104" (2641mm)
Dump Height	67" (1701mm)
Dump Angle	92 Degrees
Turning Radius	219" (5562mm)
Wheelbase	109" (2768mm)
Db Level 100% Power (In Cab)	75 dB ±3 dB
Db Level 100% Power (50ft)	78 dB ±5 dB
Weight	9,750 lbs (4423kg)

ELECTRICAL

Voltage	Chassis 12V
Display	16x10 Aspect, 10" (254mm) LCD, Touch
Circuit Breaker	Resettable

SAFETY / LIGHTING

Work Lights	White LED, 2000/950 lm Each
Curb Broom Lights	White LED, 2000/950 lm Each
Hopper Marker Lights	Red LED
Warning Beacon	Amber LED, High Dome, 6" (152mm)
Backup Alarm	Audible
Backup Camera	Automatic

HEAD

Width	86" (2185mm)
Area	1,804 Sq Inches (45821 Sq mm)
Skids	Double Row Tungsten Carbide
Suction Tube	10" (254mm)
Pressure Tube	10" (254mm)

SWEEPER SYSTEM

Controls	Button and Touch Screen Controls
Gauges	LCD Heads Up Display
Battery Capacity	14 kW
Generator	15.0 kW or 20.1 HP
Fan Motor	14.0 kW or 18.7 HP
Dump Cylinders	3"x18"/18,000lbs (76x457mm/8164 kg)
Head Actuators	1.125"x5.9"/785 lbs (28.6x150mm/3500 N)
Curb Brm Actuators	1.125"x5.9"/785 lbs (28.6x150mm/3500 N)
Charger Capacity	1050 W
Protection	Dump Cylinder CounterBalance Valves
System Voltage	48V
Operating Temp	120 Deg F (49 Deg C)
External "Shutdown"	Automated limits & shutdowns, External E-Stop

HOPPER

Capacity	5.0 Cubic Yard (4.6 Cubic Meter)
Material	304 Stainless Steel
Construction (Gauge)	12 Gauge (2.5mm)
Screen	#9 3/4 Expanded Metal
Screen Type	Non-Clogging
Exterior Coating	Commercial Grade PowderCoat
Dump Door Opening	19"x65" (482x1651mm)
Side Door Opening	15"x29" (381x736mm)
Rear Toolboxes	Dualside Access, Locking, Lighted

FAN

Type	8 Blade Hi Flow Radial Turbine
Material	10g A36 Side Plates
Liner	1/8 x 1/16 2 Ply Belting
Shaft	1 1/4" Stress-proof G&P (31.75 mm)
Bearings	1 1/4 2 Bolt Flange, Sealed
Fan Size	24"

GUTTER BROOMS

Diameter	16" (406mm)
Length	13" (330mm)
Material	Steel (Poly or Poly/Steel Blend avail)
Design	Free Floating
Type	Vertical Digger
Controls	InCab
Location	Driver & Passenger Side
Tilt Adjust	Manual
Speed Adjust	Fixed speed
Power	1.7 kW (1.34 HP)

WATER SYSTEM *

Capacity	100/200 Gallon (378/756 L)
Tank Material	Polyethylene
Pump	Electric, 2.8 GPM (10.5L)
Spray	Hollow Cone Mist
Nozzles #	5 Front, 2 Head, 1 Per Curb Broom
Filter	Cleanable, #50 Mesh
Fill Diameter	8"
Controls	InCab

* Water system is an optional component



OPTIONAL EQUIPMENT

CHASSIS

Extended Warranty	Available
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PERFORMANCE

Dust Suppression	See Water System
Poly/Steel Broom(s)	75 / 25 Poly / Steel Blend or 100% Poly
Side Suction Hose	6" Hose, 10 ft reach (152mm, 3M Reach)

PROTECTION

Exterior Fire Ext	10lb, A/B/C Rated
HD Front Bumper	3/16" Plate, Padded
HD Seat Covers	All Weather Vinyl
Magnet - Front	72" Magnet Bar (1828mm)
Magnets - Rear	Dual 16" Magnet Bars (406mm)

STORAGE

Storage Tray - Dual	16 Sq Feet (4.8 Sq M)
Toolbox - XL	14 Cubic Feet (4.2 Cubic M)

VISIBILITY

Front/Rear Bumper Flashers	Amber LED, 120° Beam
Multi View Camera	3 Camera Sys, InCab Display
Traffic Advisor	30" LED Bar Flasher
Work Light - Front	15" LED Wide Angle LED
Work Light - Rear	15" LED Wide Angle LED
Light Bar	Amber LED, 17" (432m)

CHASSIS SPECS

ISUZU NPR HD (Gas)

Manufacturer	Isuzu
Engine	GMPT 6.6L-V8/400 CID
HP	350 HP @ 4,500 RPM
Torque	25 lb-ft @ 3,800 RPM
Transmission	8L90 Hydra-Matic 8-Speed
Steering	Integral Hydraulic
Front Axle - GAWR	6,630 lbs (3007kg)
Rear - GAWR	11,020 lbs (4998kg)
Brakes	Vacuum/Hydraulic with ABS Disc
Wheels and Tires	225/70R 19.5G (14-ply)
Wheelbase	109" (2768mm)
Turning Radius	219" (5562mm)
Curb Weight Chassis Only	5,326lbs (2415kg)
Curb Weight w Sweeper	9,750lbs (4423kg)
GVWR	14,500 lbs (6577kg)
GCWR	20,500 lbs (9299kg)
Alternator	170 Amps
Battery	Qty 1 (Maint Free 750 CCA)
Fuel Tank	In-rail, 38.6 Gallon (146.1 L)
Ext Warranty	Available

