



SPECIALIZED SERIES



ADVANTAGES &
SPECIFICATIONS





Raptor | Specialized Series

The revolutionary Raptor boasts a new, innovative, patent pending hydraulic power system that dramatically increases performance and productivity, without sacrificing NiteHawk's outstanding fuel efficiency. The Raptor's superior hydraulic system will change the way you view single-engine sweepers. You don't need an auxiliary engine to get the job done, all you need is a Raptor.

SWEeper SPECIFICATIONS

CHASSIS

Manufacturer:	Isuzu
Engine:	IM Diesel, Turbo, Intercooled, 4HKI-TC, 5.2L
Horsepower	215 hp. @ 2,500 rpm
Torque:	452 lb.-ft. @ 1,850 rpm
Transmission:	Aisin A465, 6-speed, Auto
Steering:	Power, Tilt, Telescopic
Axles:	Front-5360 lbs., Rear-9880 lbs.
Brakes:	4 Channel ABS, Front Disc, Rear Drum
Wheels and Tires:	215/85R16E (10 Ply)
Wheelbase:	109"
Turning Radius:	219.5"
Curb Weight:	9570 lbs.
GVWR:	14,500 lbs.
Fuel:	Deisel

GENERAL

Sweeping Path:	81"
Overall Height:	91.5"
Hopper Capacity:	4 Cubic Yards
Dump Height Max:	66"
Dump Angle:	92 Degrees
Overall Length:	227"

GUTTER BROOM

Diameter:	16"
Length:	13"
Material:	Heavy Duty Polypropylene
Design:	Free Floating Spring Extension
Type:	Driver Side Vertical Digger

WATER SYSTEM*

Capacity:	100 gallon
Tank Material:	Polyethylene
Electric Pump:	2.8 gpm.
Nozzle Type:	Hollow Cone Mist

FAN

Type:	Radial Turbine
Material:	10g A36 Side Plates, 3/16 Blades
Liner:	1/8 x 1/16, 2-ply Belting
Shaft Size:	1 1/4 Stress-proof G&P
Bearings:	1 1/4 2-Bolt Flange
Fan Size:	Raptor/Eco: 28" Edge: 24"

HOPPER

Material:	3CR12 Stainless Steel
Screen Material:	#9 3/4 Expanded Metal
Screen Type:	Non-clogging

HYDRAULIC SYSTEM

Reservoir Capacity:	30 gal.
Main Pump:	Pressure Compensated Piston
GPM:	20 gpm. @ Max rpm.
Fan Motor:	Fixed Displacement Gear
Dump Cylinders:	3 x 18, 18,000 lbs.
Head Cylinders:	1.5 x 6, 2000 lbs.
Curb Broom Cylinder:	1.5 x 6, 2000 lbs.
Max Pressure:	3000 psi.
Filter:	MZ10/K-10

LIGHTING SYSTEM

- 7 Cab Marker Lights (2 side / 5 top)
- 3rd Brake Light
- 3 Halogen Work Spotlights
- 4 Hopper Marker Lights (2 side/2 rear)
- Center Mount Amber Safety Beacon

SPECIALIZED EQUIPMENT*

- Tool Box (Lighted)
- Custom Color - Cab / Hopper
- Side Suction Hose
- LED Bumper Strobes (2 front / 2 rear)
- Heavy Duty Front Bumper
- Steel-Poly Broom (25 / 75)
- Hopper Door Lift and Dump Flap
- Hopper - 12g Mild Steel
- Passenger Side Curb Broom
- Heavy Duty Seat Covers
- LED Low Profile Safety Beacon

*Optional

Hydraulic System has 5 Year Unlimited Mileage Warranty!