



OSPREY



ADVANTAGES & SPECIFICATIONS



NITEHAWK
SWEEPERS



SWEEPER SPECIFICATIONS

CHASSIS

Manufacturer:	GM
Engine:	Vortec 6.0L VVT V8
Horsepower:	360 hp. @ 5400 rpm.
Torque:	380 lb-ft @ 4200 rpm.
Transmission:	6-speed Automatic
Steering:	Power, Recirculating Ball
Axles:	Front-4400 lbs, Rear-6200 lbs.
Brakes:	4-wheel antilock, 4-wheel disc
Wheels and Tires:	LT245/75R16E Tires, 16" Wheels
Fuel:	Gasoline

GENERAL

Sweeping Path:	81"
Overall Height:	79"
Hopper Capacity:	2 Cubic Yards
Dump Height Max:	65"
Dump Angle:	92 Degrees
Chassis:	GMC Sierra C2500HD
Wheelbase:	133"
GVWR:	9,200 lbs.
Curb Weight:	6,100 lbs.
Overall Length:	232"
Turning Radius:	274"
Toolbox:	Horizontal
Bumper (Front):	Heavy Duty Impact, Padded
Bumper (Rear):	HD Impact, 4 HD Dock Bumpers

GUTTER BROOM

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

WATER SYSTEM

Capacity:	30 gallons
Tank Material:	Polyethylene or Aluminum
Electric Pump:	2.8 gpm.
Nozzle Type:	Hollow Cone Mist
Nozzles:	5-front, 2-head, 1-broom

The efficient Osprey is a versatile option in the NiteHawk family. The unique low clearance Osprey has the capability to sweep in the tightest of parking structures, while maintaining the power to claw through the toughest outdoor debris. Driven by a powerful hydraulic system, the Osprey is quiet and fuel efficient while maintaining the environmentally friendly legacy of NiteHawk. A leader in the industry the Osprey can be equipped with a variety of time and cost saving options. The Osprey is a multiuse sweeper with an appetite to perform.

FAN

Type:	Radial Turbine
Material:	10g A36 Side Plates, $\frac{3}{16}$ Blades
Liner:	$\frac{1}{8}$ x $\frac{1}{16}$, 2-ply Belting
Shaft Size:	1 $\frac{1}{4}$ Stress-proof G&P
Bearings:	1 $\frac{1}{4}$ 2-Bolt Flange
Fan Size:	24"
Side Blower Tube:	3" diameter, 7' length

HOPPER

Material:	3CR12 Stainless Steel
Screen Material:	#9 $\frac{3}{4}$ Expanded Metal
Screen Type:	Non-clogging
Side Suction Hose:	6" diameter, 10' length
Debris Removal:	Hopper Door Lift & Dump Flap

HYDRAULIC SYSTEM

Reservoir Capacity:	30 gallons
Main Pump:	Pressure Compensated Piston
GPM:	20 gpm. @ Max rpm.
Fan Motor:	Fixed Displacement Gear Pump
Curb Broom Motor:	Fixed Displacement Gear Motor
Dump Cylinders:	3 x 14, 14,000 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

5 Year Unlimited Mileage Warranty!

LIGHTING SYSTEM

• 2 Cab Marker Lights	• 4 Hopper Marker Lights (2 side/2 rear)
• 3 Halogen Work Spotlights	• 3rd Brake Light
• LED Low-Profile Safety Beacon	• LED Bumper Strobes (2 front/2 rear)

SPECIALIZED EQUIPMENT (Optional)

• Ford F250 Chassis	• Custom Paint Colors - Cab or Hopper
• GPS (cab mounted)	• Custom Wheel Options
• Side Suction Hose	• Hopper Abrasion Resistance Plates
• Hopper - 12g Mild Steel	• Passenger Side Curb Broom
• Customized Light Bar System	• Hopper Up Alarm
• Auto Lubrication & Greasing System	• Clean Air Blower
• Back Up Alarm	• Magnetic Sweeper Bar
• Rear and Side View Video Cameras (with in cab monitor)	• Spare Parts Package