

**NATURE'S FURY. YOUR ANXIETY.
CLEAR IT ALL.**



OSHKOSH
AIRPORT
PRODUCTS

XT TOW- BEHIND BROOM

The pressure of pile-ups is off with Oshkosh's heavy-duty Tow-Behind Broom. Available in widths of 18, 20 and 22 feet, the XT Tow-Behind Broom delivers high-speed snow removal and precision control. Broom positioning is managed with ease from the cab or broom engine enclosure, and an active weight transfer system helps ensure a proper broom pattern. Take control of the most extreme conditions.

TAKE BACK THE RUNWAY.

PERFORMANCE FEATURES

Heavy-Duty Construction

- High-performance tow-behind broom for multi-function high-speed snow removal
- QSX 11.9 Tier 4i EPA certified broom engine
- Oshkosh® heavy-duty, weather-sealed steering axle
- Heavy-duty mechanical landing gear for storage

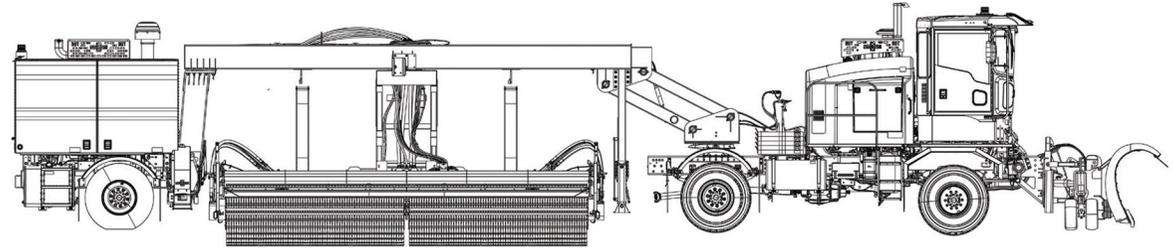
Oshkosh Command Zone™ Broom Control

- Optional Oshkosh Smart Pattern system compensates for bristle wear to ensure consistent broom pattern
- Optional ground speed control adjusts broom RPM based on chassis speed
- Interactive display with joystick/switches integrated in arm rest
- Simultaneous multi-function operations with coordinated plow, broom and air blast movement

Smart Design

- 46 in. (1168 mm) diameter broom available in 18, 20 and 22 ft. (5.5, 6.1 and 6.7 m) widths
- Active weight transfer balances weight distribution and ensures proper broom pattern
- Broom positioning and pattern control from the cab or broom engine enclosure
- Hydraulic system features clean hose routings and single point access for filter replacement
- Electronic broom modules grouped in one accessible location
- Mechanical cooling system is efficient and reliable

ONE CLEAN SWEEP. TOW-BEHIND BROOM.



ENGINE ENCLOSURE

- Fiberglass clam shell design with two doors per side
- Full-height stainless steel piano-type hinges assures door alignment
- Wide-open easy access enables routine maintenance inspection safely from the ground
- Lighted engine enclosure

OSHKOSH BROOM CARRIER ASSEMBLY

- Dual full-length 16 x 8 in (406 x 203 mm) steel tubes
- Modular design enhances serviceability

BROOM HITCH AND SWING ASSEMBLY

- SAE 2 in. (51 mm) diameter fifth wheel kingpin
- Adjustable hitch for height variations on chassis
- Smart Steer rotary positioning sensor is integrated and protected from damage

BROOM ANGLE AND CRADLING (STOWING)

- 35° swing angle
- Sealed slewing ring rotation bearing design
- Rotation design utilizes dual hydraulic cylinders with internal positioning sensor
- Hydraulic hoses and electrical harnesses routed cleanly through pivot center
- Single touch auto cradling/uncradling simplifies operation

OSHKOSH BROOM AND POWER TRAIN

Pump Drive and Hydraulics:

- Funk 59000 with pressurized lubrication system
- Cyclonic reservoir minimizes volume of hydraulic fluid

Broom Engine:

- Cummins QSX 11.9, in-line 6 cylinder, 4 cycle
- Displacement – 729 in³ (11.9 L)
- Horsepower – 385 @ 1,800 rpm
- Peak torque – 1,350 lbs.-ft. @ 1,400 rpm
- Governed rpm – 2,250
- Heated fuel/water separator

Broom Core:

- 18 ft. (5.5 m) wide
- Poly SIB cassette bristles
- 46 in. (1,168 mm) diameter

Head:

- 630 rpm with 4024 lbs.-ft. of available torque at the broom shaft
- Oshkosh weight transfer system
- Dual end drive with 5:1 planetary gear drive
- Oil bath core center bearing
- Broom oscillation of 8°
- (4) 180/70 R8 casters

Controls:

- Oshkosh® Command Zone™ LCD display on adjustable arm
- Oshkosh Smart Pattern for automatic broom pattern adjustment (optional)
- Automatic ground speed control (optional)
- Single joystick control and switches integrated into armrest
- Control panel for basic broom functions is located at the rear, accessible from ground

Axle and Steering:

- Oshkosh designed and manufactured
- 26K capacity steering axle
- Sealed ball end and cage ring design protects axle end from dirt and moisture
- Oshkosh Smart Steer controls the rear axle steering angle to coordinate broom tracking with plow
- Auto centering aligns rear axle when vehicle is placed in reverse
- 445/65 R 22.5 tires
- ABS equipped axle for controlled braking in all conditions
- Commonality with Oshkosh chassis axle components

Electrical System:

- Lighting and starting – 12V
- Battery – (3) 12V
- Alternator – 200A

Lighting:

- LED stop, turn, brake and marker lights
- Work lights inside engine compartment
- Optional amber AOA light
- Optional LED and HID work and spot lights

Fuel System:

- Dual 80 gallon (302.8 L) fuel tanks
- DOT certified
- Fuel level sensors in tank and level indicator in Command Zone screen

Cooling System:

- Radiator core is fin and tube type with de-aeration system
- Mechanical fan clutch thermostatically controlled
- Silicone radiator hoses with constant torque clamps
- Spin on coolant filter

BROOM OPTIONS

- Broom engine – QSX 11.9 L with up to 500 hp, 1,600 lbs.-ft.
- 20 and 22 ft. (6.1 and 6.7 m) head widths (4 casters)
- 45° swing angle
- Wafer style bristles
- Wire, poly, 50/50 wire/poly bristles
- Snow shedding hood with one touch control
- Auxiliary engine oil heater
- Hydraulic oil heater
- Broom head vibrator
- Dual forced air blowers
- Rear mounted full LCD display with enhanced broom controls and diagnostics
- On-board battery charger (20A self regulating)
- 270A alternator
- Single side fuel fill
- Centralized rear drain kit for engine fluids
- Color rear view camera with in-cab monitor
- Chassis integration packages including ballast, fifth wheel hitch, trailer air and electrical systems
- Spare wheel and tire



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