UNFORGIVING CONDITIONS - MEET THE IRRESISTIBLE FORCE.

PERFORMANCE FEATURES

Heavy-Duty Construction
- Oshkosh® heavy-duty single piece frame
- Oshkosh designed and manufactured transfer case/axles
- Oshkosh ALL STEER® system
- Oshkosh Command Zone™ CAN control system with self diagnostics
- Corrosion resistant aluminum cab with fiberglass roof and fascia
- Full-length stainless steel piano type door hinges
- EPA 2010 compliant drive engine

Blower Head
- Designed and built for the most severe snow conditions
- Proven 2-stage design snow blower head
- Dual, variable speed hydrostatic ribbons
- clears snow widths up to 20 ft. (6 m) in a single pass

Enhanced Fleet Operations
- Single piece of equipment for snow removal operations
- Reduces number of vehicles in runway conga line
- Enhanced operator utilization
- Ready for towed broom integration

The XRS is a faster, simpler way to handle the most severe winter climate conditions. The sheer size is awe-inspiring, but it’s the capability that is most impressive. By combining a Plow, Blower, Sweeper and Air Blower in one unit, the runway clearing process is simplified. There’s less equipment, fewer operators and one platform for maintenance and training.

TAKE BACK THE RUNWAY.
UNYIELDING. UNCOMPROMISING.
THE ALL-IN-ONE XRS.

CHASSIS
Front Axle:
- Oshkosh® Model 25K, single reduction with special heat treated alloy steel shafts, driver-controlled traction differential and Oshkosh cage ring type steering units
- 6.17:1 ratio

Rear Axle:
- Eaton 17:47, full floating, single reduction with special heat treated alloy steel shafts and driver-controlled traction differential
- 6.14:1 ratio

Cooling System:
- Radiator core auxiliary – fin and tube type with de-aeration system
- Fan – temperature controlled catch
- Split on coolant filters
- Silicone radiator and heater hoses

Drive Engine:
- Cummins ISX 12 L, in-line 6 cylinder, 4 cycle

Frame:
- Single formed channel made of carbon manganese steel, heat treated
- Yield strength – 125,000 psi (877 MPa) minimum
- RBM – 2,818,000 in-lb. per rail
- Construction – Grade 6 flanged bolts and flanged locknuts

Transfer Case*:
- Oshkosh 55000 Series, rear axle declutch
- 2.06:1 and 0.98:1 ratios

Transmission:
- Allison® Rugged Duty Series, 4-speed electronic
- Front – 20,000 lbs. (12,247 kg)
- Rear – 20,000 lbs. (10,433 kg)
- Total – 55,000 lbs. (22,680 kg)

Wheelbase:
- 164 in. (4,166 mm)

Wheels:
- Steel disc
- 20 x 10 in. (508 x 254 mm)

OSHKOSH XRS BLOWER HEAD AND POWER TRAIN
Clutch:
- Hydraulic SAE No 1 housing, engage/disengage
- 14 in. (356 mm) 3 plate

Drop Box:
- Oshkosh 2 Speed

Lubrication – pressurized system

Blower Engine (4 Cycle):
- Caterpillar® C-18, in-line 6 cylinder, 4 cycle
- Displacement – 1,105 in³ (18.1 L)
- Horsepower – 702 HP @ 1,000 rpm
- Governing rpm – 2,250
- Heated fuel/water separator

Ribbon Augers:
- Dual in-feed 30 in. (762 mm) diameter x 112 in. (2,897 mm) long
- Wing mounted, left and right hand, outlet angle 56° angle to direction of travel

Reversible ribbon drives, with hydraulic override and relief
- Chain direct drive, powered by 90M Series 660c fixed displacement hydraulic motors

Impeller:
- 73 in. (1,854 mm) diameter, 8 blades, 2 shear bolts in impeller shunt flange

Impeller housing constructed of AR400 plate for high-wear resistance
- Individually removable impeller blades
- Rotating impeller chute housing, thru 160° total swing, left to right

XRS Blower Head:
- Dimensions:
  - Length: 143.0 in. (3,633 mm)
  - Width: 235.2 in. (6,004 mm) – extends sweeping path of largest sweepers
  - Height: 70.2 in. (2,022 mm)
  - Gross weight: 14,420 lbs. (6,541 kg)
  - Lift-assist caster wheel sub-assemblies, left and right wing mounted, 1/2 in. (12 mm) shim adjustable
  - Hydraulic lift, 2 in. (51 mm) rod x 1 in. (25 mm) stroke, single acting, 23 in. (584 mm) dual caster pneumatic rubber caster tires mounted on each side

13 in. (330 mm) hydraulic actuated caster brakes to eliminate caster shimmyn
- Abrasion resistant SETCO solid rubber composite bolt-on cutting edge

OSHkosh® Command Zone™ Broom Control:
- Optional Oshkosh Smart Pattern system knows when brooming occurs and compensates for wind drift for consistent broom pattern
- Optional ground speed control adjusts broom rpm based upon chassis speed
- Interactive display with joystick and switches integrated in arm rest
- Simultaneous multi-function operations with coordinated broom and air blast movement

Smart Design:
- 46 in. (1,168 mm) diameter broom available in 18, 20 and 22 ft. (5.5 m, 6.1 m 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 brome 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

Tow Behind
Heavy-Duty Construction:
- High-performance tow broom for multi-function high-speed snow removal
- GSX 11.3 Tier 4 EPA certified broom engine
- Oshkosh designed and manufactured steering axle is heavy-duty and sealed from the elements
- Heavy-duty mechanical landing gear for storage
- Heavy-duty sealed steering ring bearing design