UNFORGIVING CONDITIONS-
MEET THE IRRESISTIBLE FORCE.

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 Blower, Plow, 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.

**Performance Features**

**Heavy-Duty Construction**
- Oshkosh® heavy-duty single piece frame
- Oshkosh designed and tested 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 hydro static 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
CHASSIS

Front Axle:
- Oshkosh® Model 29K, single reduction with special heat treated alloy steel shafts, driver-controlled traction differential and Oshkosh cage ring type steering ends
- 6.17:1 ratio

Rear Axle:
- Eaton 17427, full floating, single reduction with special heat treated alloy steel shafts and driver-controlled traction differential
- 6.14:1 ratio

Drive Engine:
- Cummins ISX 11.9 L in-line 6 cylinder, 4 cycle

Frame:
- Single formed channel made of carbon manganese steel, heat treated
- Yield strength – 120,000 psi (827 Mpa) minimum
- RBM – 2,818,000 in.-lb. per rail
- Construction – Grade 8 flanged bolts and flanged locknuts

Transfer Case:
- Oshkosh 55000 Series, rear axle declutch
- 2.66:1 and 0.98:1 ratios

Transmission:
- Allison® Rugged Duty Series, 4-speed electronic
  - Front – 29,000 lbs. (12,247 kg)
  - Rear – 26,000 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
- Horsepower – 700 @ 2,100 rpm
- Governed rpm – 2,250
- Heated fuel/water separator

Ribbon Augers:
- Dual in-feed 30 in. (762 mm) diameter x 117 in. (2972 mm) long
- Wing-mounted, left and right hand, at 56° angle to direction of travel
- Reversible ribbon drives, with hydraulic override and relief
- Chain direct drive, powered by 90M Series 55cc fixed displacement hydraulic motors

Impeller:
- 73 in. (1,854 mm) diameter, 6 blades, 2 shear bolts in impeller shaft 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:
- Overall dimensions:
  - Length 143.8 in. (3653 mm)
  - Width 235.2 in. (5,974 mm) – exceeds sweeping path of largest sweepers
  - Height 79.2 in. (2,012 mm)
- Gross weight 14,420 lbs. (6,541 kg)
- Lift-assist caster wheel sub-assemblies, left and right wing-mounted, 1/16 in. (2 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 bogie
- 13 in. (330 mm) hydraulic actuated caster brakes to eliminate caster shimmy
- Abrasion resistant SETCO solid rubber composite bolt-on cutting edge
- Coolant System:
  - Radiator core (auxiliary) – fin and tube type with de-aeration system
  - Fan – temperature controlled clutch
  - Spin on coolant filters
  - Silicone radiator and heater hoses

Smart Design:
- 46 in. (1166 mm) diameter broom available in 18, 20 and 22 ft. (5.5 m, 6.1 m and 6.7 m) lengths
- 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 effective and reliable

TOW BEHIND

Heavy-Duty Construction:
- High-performance tow broom for multi-function high-speed snow removal
- QSX 11.9 Tier 4i 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

Oshkosh® Command Zone™ Broom Control:
- Optional Oshkosh Smart Pattern system knows when brooming occurs and compensates for bristle wear 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 plow, broom and air blast movement