

THE PILED-UP RUNWAY. YOUR PACKED MIND.  
**CLEAR IT ALL.**



## H-SERIES BLOWER

When you take to the runway with the Oshkosh® H-Series™ blower, you respond with power. Arming yourself with the exclusive Oshkosh high-speed blower lets you throw an incredible 5,000 tons of snow per hour, with a cast distance up to 200 feet. The H-Series blower unleashes performance that's as forceful as it is adaptable and accommodating.

**TAKE BACK THE RUNWAY.**

### PERFORMANCE FEATURES

#### Heavy-Duty Construction

- Oshkosh® heavy-duty single piece frame
- Oshkosh designed and tested transfer case/axles
- Proven 2-stage design snow blower head
- Variable speed hydro static ribbon for high-speed snow removal
- 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 Tier IV final compliant engines

#### Superior Visibility

- Elimination of corner posts opens view of the runway
- Quad electric windshield wiper system
- 55,000 BTU heater/defrost system with digital climate control
- Rear three-quarter windows eliminate blind spots
- Light bars placed out of sight lines
- Lower front windows provide clear view of attachments
- 1-piece panoramic reverse slope windshield
- Tinted safety glass

#### Built-In Control and Improved Operator Safety

- 70 in. (1,778 mm) wide cab
- Two full-size seats for driver and supervisor/training officer
- Two doors, power roll-down windows and cup holders
- Blower clutch engages only at safe speeds
- Emergency stop button for blower engine and blower head
- Joystick operates only when driver is ready

# POWER. INTELLIGENCE. THE H-SERIES BLOWER.

**OSHKOSH**

AIRPORT  
PRODUCTS

**H-SERIES  
BLOWER**

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\*Versions are available with rear axle disconnect, bevel gear center differential with driver-controlled lock or automatic (Dorr-Miller) differential.

## CHASSIS

### Front Axle

- Oshkosh® Model 27K, 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, full floating, single reduction with special heat treated alloy steel shafts and driver-controlled traction differential
- 6.14:1 ratio

### Air Brakes, Parking and Emergency

- Secondary emergency system – modulated split type
  - Auxiliary air inlet, left side
  - Quick drain lanyards on all tanks

### Brakes and Service

- Dual system, air operated mechanical
- Electronic antilock brake system (4S4M)
- Compressor – 30 cfm

### Standard Accessories

- National Standard Plus air ride driver seat, right of center
- 55,000 BTU heater/defroster
- Digital climate control
- 12V power outlet (2), USB power outlet (2)
- Cup holders (2)
- Electronic engine controls with on-board diagnostics integral with Oshkosh Command Zone™ system
- Electric remote control heated West Coast type mirrors
- Fresh air type heater and defroster
- LCD dash display
- Light bars
- Heated windshield
- Quad electric windshield wipers mounted above windshield with intermittent speed control
- Side window defrosters
- Tilt/telescoping steering wheel
- Windshield washer, 6 qt. (5.7 L)
- Single side fuel fill

### Instrumentation

- Oshkosh Command Zone LCD dash pod on steering column
- Chassis and blower head functions and icons

### Equipment

- Dual 125 gal. (473 L) fuel tanks
- Full catwalks
- Heated fuel/water separator
- 1-piece molded fiberglass tilting engine cover, carrier engine

### Drive Engine

- Scania DC13, inline 6 cylinder, 12.7 liter
- Horsepower – 350 @ 1,800 rpm
- Peak torque – 1,254 lbs.-ft. @ 1,200 rpm
- Governed rpm – 1,800

### Electrical System

- Alternator
  - 100 A drive engine driven
  - 100 A and 150 A blower engine driven

- Lighting and starting – 24V
- Battery – (4) 950 CCA each @ 0°F (-18°C), 1,900 CCA total (24V starting, 12 V auxiliary)

### 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

### Lighting

- Cab-mounted headlights with turn signals
- Clearance and marker lights to comply with federal regulations
- Fender-mounted headlights and turn signals
- Roof-mounted strobe light
- Dual stop, tail, turn signal lights (LED) at rear

### Steering System

- Sheppard XD120 integral hydraulic power gear
- Chassis hydraulics warning system – low level/high temperature

### Suspension

- Front – Hotchkiss, semi-elliptic spring
- Rating – 27,000 lbs. (12,247 kg)
- Rear – Hotchkiss, semi-elliptic spring
- Rating – 23,000 lbs. (10,433 kg)

### Tires: 395/85R20, 20 ply

### Transfer Case\*

- Oshkosh 30000 Series, bevel gear, auto-locking
- 1.271:1 ratio

### Transmission: Allison® Rugged Duty Series, 6-speed electronic

### Vehicle Ratings at Axle Hubs

- Front – 27,000 lbs. (12,247 kg)
- Rear – 23,000 lbs. (10,433 kg)
- Total – 50,000 lbs. (22,680 kg)

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

### Wheels

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

## OSHKOSH BLOWER HEAD AND POWER TRAIN

### Clutch

- Hydraulic SAE No. 1 housing, engage/disengage
- 14 in. (356 mm) 3 plate

### Drop Box

- Oshkosh 2 Speed
- 1.06:1.26 ratio
- Lubrication – pressurized system

### Blower Engine (4 Cycle)

- Scania DC16, V8
- Displacement – 16.4 L
- Horsepower – 550 @ 1,800 rpm
- Peak torque – 2,126 lbs.-ft. @ 1,200 rpm
- Governed RPM – 2,100
- Heated fuel/water separator

### Ribbon Auger

- 52 in. (1,321 mm) diameter
- Hydraulic override and relief
- Reversible ribbon drive

### Impeller

- 59 in. (1,499 mm) diameter, 5 blades, 2 shear bolts in impeller shaft flange, impeller housing liner
- 6:1 planetary reduction

### Head

- 10 in. (254 mm) dual steel caster wheels
- T-1 steel cutting edge
- 30 in. (762 mm) discharge chute
- Abrasion resistant skid shoes
- Removable ribbon flights

### Cooling System

- Radiator core (auxiliary) – fin and tube type with deaeration system
- Fan – temperature controlled clutch
- Spin on coolant filters
- Silicone radiator and heater hoses

## BLOWER OPTIONS

### Blower Head

- Strataspeed ribbon drive with variable displacement ribbon motors
- Pneumatic tire casters with weight transfer system
- Spot casting loading chute
- Truck loading chute

### Blower Engine: Scania DC16 670 hp @ 1,800 rpm, 2,315 lbs.-ft. @ 1,500 rpm

## CHASSIS OPTIONS

### Accessories

- 20 gal. (75.7 L) cab deluge
- Air conditioning
- Heated driver's seat
- Side window wipers
- Heated wiper blades

### Drive Train

- Scania DC13 500 hp @ 1,800 rpm, 1,696 lbs.-ft. @ 1,200 rpm
- 29K front axle rating
- Oshkosh ALL STEER® electronic all wheel steering system (23K and 26K rear only)

### Electrical System

- HID, LED and other lighting packages
- On-board battery charger (20 A self regulating)
- 150 A alternator on drive engine

### Frame and Chassis

- Centralized side drain kit
- Heated Expello valves
- 120V/240V engine and coolant heaters
- 120V/240V transmission heaters
- 120V/240V fuel tank heaters
- 120V/240V battery box heaters
- Aluminum fuel tanks with B20 fuel compatibility

## MULTIPURPOSE OPTIONS

- 46 in. (1,168 mm) rotary power broom with air blast
- Available in 18, 20 and 22 ft. (5.4, 6.0 and 6.7 m) lengths
- Oshkosh Airport Runway Plows with universal quick hitch