



# Model **WK** Loader Mounted Snow Blower



- Capacity 1200 T.P.H (Depending on snow density)
- 102 inch cutting width, 52 inch cutting height
- Sized for 2 to 2.5 cubic yard loaders
- 218 H.P Volvo Tier IV Final Engine
- Compact control box & Optional wireless controls
- Augers/Impeller hydro-mechanically driven (Eliminates shear pins, clutch and angle drives)
- Reversible Augers and Impeller for convenient clearing of blockages
- Bolt-on Coupler System for various loader quick hitch systems
- Drive chain for augers running in oil bath
- Auto adjusting drive chain for constant proper tension
- Turntable rotates 300°
- Engine cover hinged for better accessibility to internal components
- Open concept loading chute provides better snow flow for higher volume output
- Approximate weight less hitch, includes loading chute 7,600 lbs.
- Serrated Augers are now standard for cutting through hard packed snow

**Wausau Equipment Company, Inc.**

1905 South Moorland Road  
New Berlin, WI 53151-2321 U.S.A.

262-784-6066 - 800-788-6066

262-784-6720 Fax

**ISO 9001:2000 certified**



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## WAUSAU SNOGO MODEL WK ROTARY SNOW BLOWER WITH (TIER 4 FINAL) VOLVO ENGINE

### Dimensional Data

• Cutting Width	102 inches
• Cutting Height	52 inches
• Box Height	45 inches
• Height to Top of Chute (Retracted)	118 inches
• Height to tipper (chute up, tip up)	138 inches
• Front to Back Dimension	78 inches
• Height – Ground To Top Of Back Frame	35 inches

### General Data

- Snow Removal Capacity: 1000-1200 tons per hour
- Snow Casting Distance: 150 feet
- Weight of Complete Unit: 7600 pounds
- Two Stage Design, RH Flat Cast (standard)
- Bolt-on coupler system

### Components

#### **Augers:**

- Three (3) 12-inch diameter – full flight, serrated
- All augers mounted on self-aligning bearings
- Auger speed: 450 RPM

#### **Auger Drive:**

- Hydraulic relief protection of fan and spider
- #80 Chain (1" pitch)
- Auger drive chain enclosed in oil bath
- Self-adjusting chain tensioner

#### **Impeller and Fan Housing:**

- Heavy-duty steel impeller weldment, 38-inch diameter
- Five (5), ¾" thick bolt-on steel replaceable fan blades – T1 Material
- Heavy steel fan housing – 1/4-inch, T-1 steel

#### **Rotary Housing:**

- Constructed from hot rolled steel plate and structural tubing.
- Rear frame adaptable for bolt-on coupler system
- Wear plates and wear shoes made from alloy steel:
- Two (2) end wear shoes, 86 sq.-in. (both fronts), spacer plate adjustable
- Two (2) center mushroom shoes, 168 sq.-in. (both), screw adjustable
- Two (2) rear wear mushroom shoes, 168 sq.-in. (both), screw adjustable
- 422 square inches of wear surface (avg. over wear life)
- Rubber snow deflector over top auger
- Drift cutter knives

#### **Engine: : (Meets 'Tier 4 Final' Emissions Standards (CARB & EPA))**

- Volvo Model: TAD572VE, 218 HP @ 2300 RPM (160 kW)
- Cubic inch displacement: 313 cu.-in/rev. (5.13 liter)
- Maximum torque: 671 lb-ft @ 1450 RPM

#### **Electrical System:**

- 24-volt
- Negative ground
- Two (2) 12 volt 950 CCA
- Alternator: 24V, 110 AMP

#### **Hydraulic System:**

- 16-gallon hydraulic reservoir
- Tandem Hyd. closed loop pumps, hyd. motor
- Planetary for auger and fan drive
- 5 GPM, gear type hydraulic pump – engine driven
- 4-bank valve for chute and volute functions

#### **Fuel System:**

- 48 gallon fuel tank (steel)

#### **Instrumentation:**

- LCD display, for engine coolant temperature, oil pressure, system voltage, engine hours, engine fault codes, fuel level, and DEF level

#### **Three Section Loading Chute:**

##### First Section:

3/16 hot rolled steel plate, welded construction  
14-5/8-inches inside width

##### Second Section:

12 gauge hot rolled steel sheet, welded construction  
15 ¾-inches inside width

##### Third Section:

12 gauge hot rolled steel sheet, welded construction  
17-1/4"-inches inside width

#### **Hydraulic Controls:**

- Chute rotator, Steel gear driven
- Allows rotation in horizontal arc of 300 degrees; 150 degrees to either side of straight forward

#### **Options:**

- Wireless control system
- Headlights
- Snow Wheels
- Carbide Shoes
- Poly Housing and Chute Liners

