



## L44 - SELF CONTAINED SNOW BLOWER

### GENERAL DATA

- Capacity: 3,500 tph
- Casing Distance: 150 feet
- Two-Stage Blower Design
- Operating Conditions: -40F to 110F
- Recommended Loader Size: 3 Cubic Yard Minimum

### DIMENSIONS

- Blower Head Working Height 56"
- Spot Chute Working Height: 134"
- Total Weight 16,500 lbs.
- Cutting Width: 116" or 128"
- Transport Height with Chute Folded: 80"

### FRAME

- Bolted and Welded Construction
- Steel Rated for Maximum Usage
- Quick Coupler to Match Loader
- Frame Designed to Withstand Loads Induced by the Loader
- Split Frame for Maintenance

## WARRANTY

- One-Year Limited Warranty
- Warranty Literature to be Included w/ Operator's Manual

## ENGINE

- Diesel Engine Turbo Charged
- Cummins Stage V L9 Performance Series
- HP Rating: 430 HP @ 2200 RPM
- Torque Rating: 1361 Lb-Ft
- Heavy-Duty Alternator
- Two Stage Dry-Type Air Cleaner w/ Pre-Cleaner
- Air Restriction Vacuum Gauge
- Heavy Duty Cooling System
- Electronic Controlled Injection System
- One Aftertreatment Canister
- Low Oil and High Coolant Temp Shutdown System
- In-Line Heated Fuel/Water Separator w/ Replaceable Element
- Fuel and Oil Filters
- Fuel, Oil and Coolant Reservoirs Include Remote Drains and Easy Access Fills

## COOLING SYSTEM

- Heavy Duty Cooling System
- Permanent Type Antifreeze Rated -40F to 110F
- Radiator and Charge Air Cooler System w/ Galvanized Mesh
- Radiator Clamps Constant Torque Design
- Pusher Fan to Reduce Snow Buildup on Radiator

## SPOT CHUTE

- Telescopic Truck Loading Chute
- 250-Degree Rotation
- Top Adjustable Flapper
- Side Removable Panels for Cleanout
- Spot Chute Folds Over to Assist in Unclogging as Well as Transportation

## ENGINE COMPARTMENT

- Tilting or Telescoping Engine Enclosure for Full Access to Compartment
- Protective Screen Over Radiator
- Completely Water Sealed
- Rear Panel for Quick Electrical Panel Access
- Gas Struts to Hold Compartment Open
- Gas Strut Assist When Opening

## FUEL SYSTEM

- 120 Gallon, 8-Hour Operation
- Under-Body Fuel Drain
- Under-Body Protective Guard
- Fuel Tank Includes Louvers
- Fuel System Includes Primary Fuel Filter and Secondary Fuel/Water Separator
- Fuel Tank Breather

## HYDRAULIC SYSTEM

- Heavy-Duty Hydraulic Valving w/ Insulated Wiring Connections
- All Functions Controlled Through One Valve Manifold
- Auxiliary Gear Pump for Functions
- Valving controlled On-Demand
- 11-Micron Return Filter
- 10-Gallon Hydraulic Tank w/ Breather, Sight Glass, Remote Drain w/ Ball Valve, Suction Strainer, Chained Cap, & Filler Neck Strainer

## ELECTRICAL SYSTEM

- 12VDC or 24VDC
- STFused Fully Wireless System
- Handheld Remote for All Functions
- 7" LCD Screen In-Cab
- 25' Backup Hardwire
- Wiring Color-Coded
- Wiring Sealed & All Connections Water Proof
- Screen Includes Digital

Readouts for Tachometer, Hour Meter, Volt Meter, Engine Coolant, Oil Pressure, Fuel Level, and DEF Level

- Audible and Visual Alarms for All Engine and Sawtooth Faults
- Full Diagnostic/Code Center for Engine and Sawtooth Faults w/ Auto Resetting Feature When Code Is Cleared
- Master Emergency Shut Down
- Master Electrical Disconnect
- Automatic Clutch Protection
- Two 1000 CCA Maintenance-Free Batteries
- Remote Jump-Start Connectors
- 110V Outlet Plug-Ins for All Charging/Heating Elements
- Optional Lighting Package: Two Blower Head Stand-Mounted Forward-Facing LEDs, One LED Mounted on Spot Chute, Two LEDs Mounted on Engine Compartment, One LED for Master Shear Assembly, Engine Compartment LED Lighting
- Optional Cold Weather Aid Package: Engine Oil Pan Heater, Engine Block Heater, Battery Blanket, Battery Trickle Charger, Hydraulic Heater, Diesel Heater



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## POWERTRAIN DRIVE SYSTEM

- Mechanical Drive w/ Self-Adjusting Automotive Clutch
- Eaton Self-Adjusting Automotive Type Clutch
- Side Gear Drive. NO Belts or Chain Drive
- Right Angle Gearbox for Fan Drive
- Center Drive Gearbox for Ribbon Drive
- All Gearboxes w/ Easy-Access Drain and Fill. All Gearboxes Utilizing 80W-90 Gear Oil
- Shear Pin Assemblies Easy to Access and Replace

## BLADES/SHOES

- Replaceable Abrasion Resistant Scraper Blade, Full Width, One Piece
- Adjustable Replaceable Swivel Skid Shoes

## BLOWER HEAD

- Two-Stage Design
- First Stage: Ribbon, 36" Diameter, Two-Piece, Serrated, Bolted to Heavy-Duty Reels, Shear Pin Protected
- Second Stage: Impeller, 44" Diameter, 20" Depth, 3/8" Casing, 5 Blades of Abrasion-Resistant Steel, Blades Individually Replaceable, Full Fan Opening
- Discharge: Flat Cast Right w/ 135-Degree Full Rotation
- Rubber Deflector Bolted to Top of Blower Head Frame
- Housing Rotation by Hydraulic Cylinder
- Optional AR500 Liners for Plow Back and Impeller

## PAINT

- Primer: Two Coats of Two-Part Epoxy Primer
- Top Coat: Two-Part Polyurethane Paint
- Paint: Custom Paint Options to Match Customer Preference

## DOCUMENTATION

- One Complete Set of Operators Manuals, Maintenance Manuals, and Parts Manuals
- Manuals Include Electrical, Hydraulic Schematics & Lubrication Charts.

## CUSTOMIZABLE OPTIONS

- CAT Engine: C9
- Various Chute Options
- Various Volute/Drum Options
- Widening Kits
- Dual Upper Knife Kit
- Forklift Transport Kit

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