

RPM217

Two Stage Loader-Mounted Snow Blower

- ▶ Up to 1,800 tons/hour
- ▶ Telescopic and side chutes
- ▶ Reliable, high-performance transmission
- ▶ Tier 4 Final fast-response technology
- ▶ Ultra-sturdy construction

Sourcewell 
Formerly NJPA
Awarded Contract
Contract # 080818-RPM



Watch Video



Actual product may vary from photos due to continuous product enhancement.



Performance and Reliability Combined

The RPM217 is a two phase loader-mounted snow blower for medium size wheel loaders. This self-contained model provides desirable performance and better reliability than other available blowers of similar size. The RPM217 is ideal for midsize municipalities and regional government to clear streets, roads, parking lots, and airfields.

The RPM217 is equipped with an efficient powertrain providing an effective snow-clearing rate of 1,800 tons/hour. The high-performance transmission system is designed to use the Tier 4 Final engine's full power while minimizing energy losses and maintenance.

A Dynamic Engine

The RPM217 is powered by a 129.4 kW (174 hp) Tier 4 Final Diesel engine equipped with particle post-treatment technology allowing fast engine recovery.

- Effective performance
- Fuel efficient
- Quiet

RPM217



Featuring optional hydraulic steering vanes



A High-Performance Transmission

Designed with as few components as possible, the RPM217 transmission is very reliable and transfers maximum power from the engine. The transmission includes a single gearbox, which minimizes energy loss. Most blowers on the market have as many as three gearboxes and thus require a more powerful engine to compensate for performance.

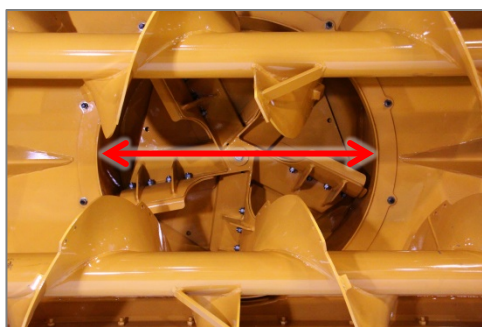
- Highly reliable
- Optimal power transfer
- Fewer critical parts
- Low maintenance costs



Chain Drive System

The RPM217 is equipped with a classic chain drive system, providing many advantages:

- Proven technology
- Reliable
- Well-known system
- Easy to adjust
- Parts available locally



An Effective Impeller

With its large impeller casing featuring an unrestricted intake, more snow is fed to the impeller blades thus better productivity.

- Blows a higher volume of snow
- Makes full use of engine power



Optional color screen

Intuitive Operation

The large display screen gives the operator a fast read of the blower's operating parameters. An easy-to-use joystick controls all functions.

Easy Maintenance

The tilt-up engine cowling, swing doors and well-thought-out mechanical design provide easy access to main components or parts requiring regular maintenance, such as:

- Oil and fuel filters
- Hydraulic oil tank
- Radiator
- Shear bolts
- Gear box



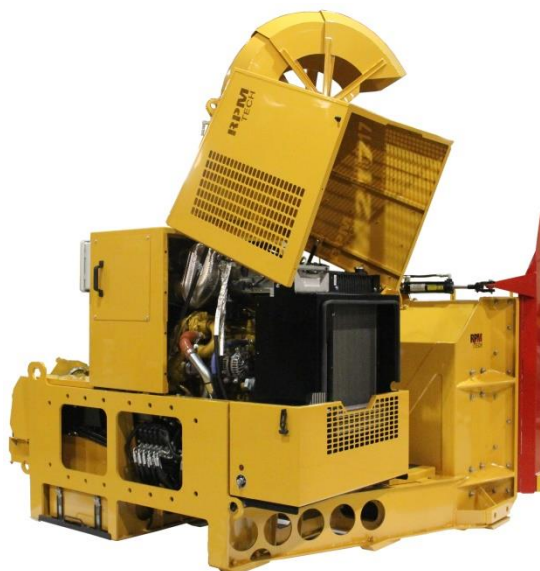
Emergency Clutch Engagement

In the event of a clutch failure, a lever allows for its manual activation to let you finish the job.



The Most Rugged Frame

The triangular frame design composed of two (2) oversize beams on each side, maintains the structure integrity during hard work and makes it more resistant to impacts. RPM Tech's snow blowers are built to last!



The RPM217 is ideal for:

- Municipalities
- Snow removal contractors
- Regional airports
- Railway companies

RPM Tech Advantages

- Proven reliability and service life
- Designed for extended periods of hard use
- Heavy-duty construction resists deformation
- Engine application is audited by Caterpillar®
- Weather-resistant electrical components
- More than 55 years of experience designing and manufacturing snow-removal equipment

Summary Technical Specifications – RPM217

Up to 1,800 tons/hour capacity¹

Casting¹: Up to 46 m (150 ft)

Clears fresh, heavy, and hard-packed snow

DIMENSIONS

- Cutting width: 2795 mm (110 in.)
- Overall height: 3277 mm (129 in.), telescopic chute retracted
- Overall length: 1984 mm (78 1/8 in.) without steering vanes and female coupler
- Working height: 1270 mm (50 in.)
- Weight: 3674 kg (8100 lb) approx. with DEF and fuel tanks filled

AUGERS

- Two (2) interchangeable 432 mm (17 in.) diameter full flight and serrated augers, welded in one piece

IMPELLER AND IMPELLER CASING

- 842 mm (33 1/8 in.) diameter impeller
- Five (5) bolted concave blades
- Impeller casing:
 - Inside diameter: 854 mm (33 5/8 in.)
 - Intake diameter: 840 mm (33 1/16 in.)
 - Depth: 262 mm (10 5/16 in.)
 - Volume of 150 liters (39.6 usgal)
 - 135° rotation
- Casting¹: Up to 46 m (150 ft) through the impeller housing chute

STANDARD TELESCOPIC CHUTE

- Adjustable height from 3175 to 3937 mm (125 to 155 in.)
- Extension: 762 mm (30 in.) hydraulically activated
- Rotation: 300° minimum
- Casting¹: Up to 12.2 m (40 ft)

ENGINE

- 129.4 kW (174 hp) Caterpillar® Tier 4 Final, turbocharged Diesel engine
- Winter starting aid: 600 W block heater and glow plugs

FUEL TANK

- 175 L (46 gal) steel tank

TRANSMISSION

- Chain transmission system with oil bath
- One (1) gear box
- Two (2) shear bolt assemblies protect the gear box and transmission shaft

Clutch

- Twin Disc® make
- Greasing system easily accessible

FUEL TANK

- 175 L (46 gal) steel tank

CHASSIS

- Fully welded sturdy steel construction

FIXED STEERING VANES

- Height: 1876 mm (73 3/4 in.)

ELECTRICAL SYSTEM

- Sealed 12 V, 100 A alternator
- Two (2) maintenance-free type 31-2250 CCA batteries

CONTROLS AND INSTRUMENTATION

- Heavy-duty Sauer Danfoss PLUS+1 control system
- High resolution LCD grayscale display screen
- Joystick with integrated functions

SKATES AND SCRAPER BLADES

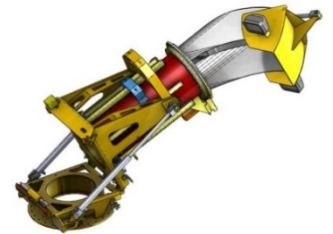
- Six (6) steel skates for a total of 3781 cm² (586 in²) under the unit
- Two (2) 44W steel reversible scraper blades

ACCESSORIES INCLUDED

- Radiator blanket cover
- DEF tank heater

OPTIONAL EQUIPMENT (SHORT LIST)

- Wireless remote control system
- 2946 mm (116 in.) cutting width steering vanes
- Arctic lubrication kit for constant temp. below -25°C (-13°F)
- Battery and/or hydraulic oil heater
- Bolted-on ice breakers
- Non-reversible carbide scraper blade
- Complete female quick coupler system
- Working floodlights on chute and/or body (LED or halogen)
- Inclinal hydraulic tilt chute for easy unclogging



Tenco Inc. reserves the right to modify or discontinue any design, specifications, characteristics, model, or accessory without notice.

¹ Depending on snow conditions

Contact your representative for full details



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Sales Office
Laval, QC Canada

Tel: +1 450.687.3280

1 800.631.9297

(North America)

info@rpmtechgroup.com