

# RPM217

## Two Stage Loader-Mounted Snow Blower

- ▶ Up to 2,300 tons/hour
- ▶ Dual certification Tier 4 Stage 5 engine
- ▶ Reliable, high-performance transmission
- ▶ Telescopic and side chutes
- ▶ Ultra-sturdy construction



**canoe**  
APPROVED SUPPLIER

Sourcewell

Awarded Contract

Contract # 062222-AGI



Watch Video



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

**RPM**  
TECH

## 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 2,300 tons/hour. The high-performance transmission system is designed to use the engine's full power while minimizing energy losses and maintenance.

### A Strong Engine

The RPM217 is powered by a 150 kW (200 hp) dual certified Tier 4 Stage 5 Diesel engine, equipped with particle post-treatment technology allowing fast engine recovery.

- Effective performance
- Fuel efficient
- Very quiet



### 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

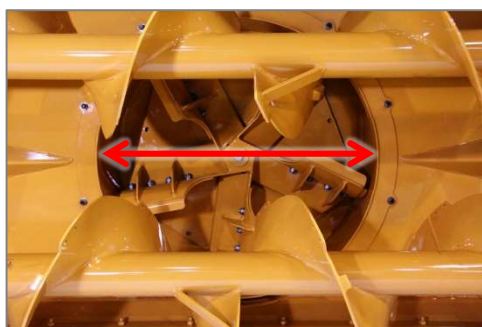
The RPM217 is equipped with a classic chain drive system, providing many advantages:

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

# RPM217







### An Effective Impeller

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

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



### Intuitive Operation

The color display screen provides the operator with a clear view of the blower's operating parameters. Optimized for all lighting conditions, the screen automatically adjusts and switches between day and night display modes. All functions are easily controlled with an intuitive joystick.

### Easy Maintenance

The tilt-up engine cowl, 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

Featuring optional hydraulic steering vanes



### 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 2,300 tons/hour capacity<sup>1</sup>

Casting<sup>1</sup>: 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 cutting guides and female coupler
- Working height: 1270 mm (50 in.)
- Weight: 3674 kg (8100 lb) approx. with DEF and fuel tanks filled, no coupler

## AUGERS

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

## IMPELLER AND IMPELLER CASING

- 841 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: 305 mm (12 in.)
  - Volume of 174.6 liters (46.1 usgal)
  - 135° rotation
- Casting<sup>1</sup>: Up to 46 m (150 ft) through the impeller housing chute

## STANDARD TELESCOPIC CHUTE

- Diameter: 330 mm (13 in.)
- Adjustable height from 3378 to 4191 mm (133 to 165 in.)
- Extension: 813 mm (32 in.) hydraulically activated
- Rotation: 282°
- Casting<sup>1</sup>: Up to 24.4 m (80 ft)

## ENGINE

- 150 kW (200 hp) Caterpillar® dual certified Tier 4 Stage 5, turbocharged Diesel engine
- Torque: 825 Nm (609 lb-ft) @ 1400 rpm
- Winter starting aid: 600 W block heater, glow plugs, DEF tank heater

## 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

## STANDARD CUTTING GUIDES

- Height: 1876 mm (73 3/8 in.)

## ELECTRICAL SYSTEM

- Sealed 12 V, 100 A alternator
- Two (2) maintenance-free type 31-2120 CCA batteries

## CONTROLS AND INSTRUMENTATION

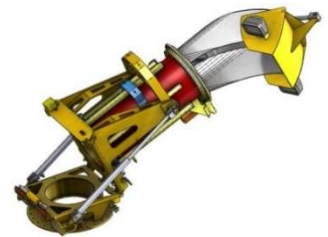
- Heavy-duty Sauer Danfoss PLUS+1 control system
- High resolution LCD grayscale display screen
- Joystick with integrated functions

## SKATES AND SCRAPER BLADES

- Two (2) bolted skid shoes on the exterior of the body
- Six (6) steel skates for a total of 3781 cm<sup>2</sup> (586 in<sup>2</sup>) under the unit
- Two (2) 44W steel reversible scraper blades

## OPTIONAL EQUIPMENT (SHORT LIST)

- Wireless remote control system
- 2946 mm (116 in.) cutting width, full length 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)
- Inclined hydraulic tilt chute for easy unclogging



<sup>1</sup> Depending on snow conditions

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

Contact your representative for full details



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A member of the



Snow & Ice Team

