

# P3500

NJPA AWARDED  
CONTRACT

Contract # 080114-RPM



*In the background, an RPM227 snow blower in action in the Andes at Tudcum, Argentina.*



**SINGLE STAGE  
ROTARY FAN TYPE  
DETACHABLE SNOW BLOWER**

# P3500 – TECHNICAL SPECIFICATIONS



## PERFORMANCE

- Capacity<sup>1</sup>: Up to 5400 tons/hour
- Projection<sup>1</sup>: Up to 39 m (130 ft)

## DIMENSIONS

- Overall width: 2959 mm (116 ½ in.)
- Overall height: 2895 mm (114 in.)
- Working height: 1905 mm (75 in.)
- Weight: 7961 kg (17,550 lb) approx.

## IMPELLER

- Diameter: 1740 mm (68 ½ in.)
- Blades: Six (6) blades, 6 mm (¼ in.) thick
- Rotation: 90° total
- Projection<sup>1</sup>: Up to 39 m (130 ft)

## STANDARD HYDRAULIC STEERING VANES

- Height: 2273 mm (89 ½ in.)

## ENGINE

- Type: 403 kW (540 hp) Turbo Diesel Tier 3 engine
- Block heater: 3000 W

## FUEL TANK

- Type: Steel
- Capacity: 415 L (109 gal)

## HYDRAULIC SYSTEM

- Type: Hydraulic pump of 23 L/min (6 US GPM) directly mounted on engine auxiliary drive
- Capacity: 19 L (5 gal)

## ELECTRICAL SYSTEM

- Alternator: 12 V, 150 A, sealed
- Batteries: Two (2) type 8D - 2000 CCA, maintenance free

## DRIVELINE SYSTEM

- Clutch: Twin Disc, model SP-314
- Gear box: One (1) bevel gear box
- Lubrification: Oil bath
- Safety mechanism: One (1) set of shear bolts protects the fan

## INSTRUMENT PANEL AND CONTROLS

- Model: Heavy duty control and display system PLUS +1 from Sauer Danfoss
- Controls:
  - ♦ One controller using a multiplex CAN communication
  - ♦ One high resolution grayscale LCD display of 2 in. x 4 ½ in.
  - ♦ One joystick with integrated functions
  - ♦ One key ignition switch

## SKATES AND SCRAPER BLADES

- Quantity:
  - ♦ Two (2) external skates
  - ♦ Four (4) internal skates
- Type: Carbide skates
- Scraper blades:
  - ♦ Two (2) reversible scraper blades of 13 mm x 152 mm (½ in. x 6 in.)
  - ♦ One (1) non-reversible scraper blade of 13 mm x 178 mm (½ in. x 7 in.)

## OPTIONAL EQUIPMENT

- 256 color LCD screen of 3 ⅞ in. x 5 ¾ in.
- Carbide chrome 60Rc (drum)
- Low coolant level alarm
- Residential Cowl muffler
- Wireless control system
- Wireless emergency engine shutdown system

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

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**R.P.M. TECH INC.**

2220 Michelin Street  
Laval QC H7L 5C3 CANADA

Tel.: 450.687.3280 • Fax: 450.781.8811

Toll free: 1.800.631.9297

1.800.463.3882

Email: [info@rpmtechgroup.com](mailto:info@rpmtechgroup.com)

Dealer