



# RPM227M

## DETACHABLE SNOW BLOWER

# RPM227M

## PERFORMANCE<sup>1</sup>

- Capacity: 3000 tons/hour

## DIMENSIONS

- Overall width: 2896 mm (114 in.)
- Overall height: 3531 mm (139 in.)
- Working height: 1499 mm (59 in.)
- Overall length: 2540 mm (100 in.)
- Weight: 4900 kg (10800 lb) approx.

## AUGERS

- Drive: Mechanical
- Diameter: Two (2) interchangeable 685 mm (27 in.) diameter open flight augers welded in one (1) piece

## IMPELLER

- Diameter: 1003 mm (39.5 in.)
- Blades: Five (5) bolted on and concave impeller blades made of 6 mm (¼ in.) ASTM A514 steel
- Projection<sup>1</sup>: Up to 46 m (150 ft)
- Impeller casing:
  - Hydraulically operated
  - Rotation 150°

## FRAME

- Fully welded construction

## HYDRAULIC STEERING VANES

- Height: 2210 mm (87 in.)
- Overall width: 2972 mm (117 in.)

## TELESCOPIC LOADING CHUTE

- Diameter: 406 mm (16 in.)
- Sections: Two (2) vertical sections, one (1) directional section and two (2) flexible sections
- Extension: 457 mm (18 in.) hydraulic extension to allow the loading chute to cast at any adjustable height from 3480 to 3937 mm (137 to 155 in.)
- Rotation: Minimum 300°
- Projection<sup>1</sup>: From 1 to 16 m (3 to 50 ft)

## ENGINE

- Power: 261 kW (350 hp) Turbo Diesel Tier 3 engine

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

## FUEL TANK

- Type: Steel, mounted on rubber insulator
- Capacity: 302 L (80 gal)

## HYDRAULIC SYSTEM

- Type: Double hydraulic pump of 23 L/min (6 US GPM) and of 11 L/min (3 US GPM) directly mounted on engine auxiliary drive
- Capacity: 13 L (3.5 gal)

## ELECTRICAL SYSTEM

- Type: 12 volts
- Battery: Two (2), type 31, 2250 CCA

## DRIVELINE SYSTEM

- Clutch: Twin Disc, model SP-211 with steel pads
- Gear box: One (1) bevel type
- Lubrication: Oil bath
- Safety mechanism: Three (3) sets of shear bolts protecting impeller and augers

## 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 256 color LCD screen of 3 ⅛ in. x 5 ¾ in.
  - One 4-button CANBUS manipulator
  - One switch ignition key

## SKATES AND SCRAPER BLADES

- Four (4) external skates, three (3) internal skates and six (6) reversible scraper blades
- Skates with carbide inserts

## OPTIONAL EQUIPMENT

- Battery heater
- Bolted ice breaker for auger
- Carbide plating 55Rc (drum and chute)
- Hydraulic oil heater
- Racor filter, heating water separator spin-on type
- Radiator protective blanket
- Residential type Cowl muffler
- Work lights



ISO 9001:2008

Specifications on this brochure may be changed without prior notice.  
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