



**RPM227**

# RPM227

## PERFORMANCE<sup>1</sup>

- Capacity: 3000 tons/hour

## DIMENSIONS

- Overall width: 2795 mm (110 in.)
- Overall height: 3430 mm (135 in.)
- Working height: 1473 mm (58 in.)
- Overall length: 2286 mm (90 in.)
- Weight: 5443 kg (12000 lb) approx.

## AUGERS

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

## IMPELLER

- Diameter: 1035 mm (40 3/4 in.)
- Blades: Five (5) CHT-360 bolted type blades
- Projection<sup>1</sup>: Up to 46 m (150 ft)
- Impeller casing:
  - Hydraulically operated
  - Rotation 150°

## FRAME

- Two easily separable parts to facilitate maintenance

## FIXED STEERING VANES

- Height: 2438 mm (96 in.)
- Overall width: 2921 mm (115 in.) ou 3048 mm (120 in.)

## TELESCOPIC LOADING CHUTE

- Diameter: 406 mm (16 in.)
- Control: Two (2) vertical sections, one (1) directional section and two (2) flexible sections
- Extension: 660 mm (26 in.) hydraulic extension to allow casting at any adjustable height from 3505 to 4166 mm (138 to 164 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

## FUEL TANK

- Type: Steel
- Capacity: 370 L (98 gal)

## HYDRAULIC SYSTEM

- Pump type: 23 L/min (6 US GPM) directly mounted on engine auxiliary device
- Capacity: 14.6 L (3.8 gal)

## ELECTRICAL SYSTEM

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

## DRIVELINE SYSTEM

- Clutch: Twin Disc, model SP-311
- Gearbox: One (1) bevel type
- Lubrication: Oil bath
- Safety mechanism: Two (2) sets of shear bolts protecting impeller and auger drive

## 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 1/8 in. x 5 3/4 in.
  - One 4-button CANBUS manipulator
  - One switch ignition key

## SKATES AND SCRAPER BLADES

- Four (4) outside skates, two (2) inside skates and two (2) reversible skates
- Two (2) reversible scraper blades made of 44W steel
- Skates with carbide inserts

## OPTIONAL EQUIPMENT

- Auger with bolted ice breaker
- Battery heater
- Carbide bottom cutting edge
- Carbide plating 55Rc (drum and chute)
- Hydraulic oil heater
- Hydraulic steering vanes
- Racor filter, heating water separator spin-on type
- Residential type Cowl muffler
- Work lights

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



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Specifications on this brochure may be changed without prior notice.  
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