



RPM42R

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PERFORMANCE¹

- Capacity: Up to 3500 tons/hour

DIMENSIONS

- Overall width: 2794 mm (110 in.)
- Overall height: 3607 mm (142 in.)
- Working height: 1473 mm (58 in.)
- Overall length: 2870 mm (113 in.)
- Weight: 4308 kg (9500 lb) approx.

AUGER

- Drive: Mechanical, interchangeable
- Diameter: One piece ribbon type, 1067 mm (42 in.) diameter

IMPELLER

- Diameter: 1054 mm (41.5 in.)
- Blades: Five (5) bolted concave blades made of 6 mm (¼ in.) ASTM A514 steel
- Projection¹: Up to 46 m (150 ft) (drum)
- Casing:
 - Heavy-duty construction, chain and sprocket rotating system
 - Hydraulically controlled
 - Right and left for side casting or through the drum for spot casting

FIXED STEERING VANES

- Overall length: 2819 mm (111 in.)
- Height: 2413 mm (95 in.)

TELESCOPIC LOADING CHUTE

- Diameter: 432 mm (17 in.)
- Control: Two (2) vertical sections, one (1) directional section and two (2) curved sections
- Extension: 457 mm (18 in.) hydraulic extension to allow casting at any adjustable height from 3607 to 4064 mm (142 to 160 in.)
- Rotation: 300°
- Projection¹: From 1 m to 16 m (3 ft to 50 ft)

ENGINE

- Power: 281 kW (375 hp) electronic Turbo Diesel Tier III engine

¹ Depending on snow conditions

FUEL TANK

- Type: Steel, rubber mounted fuel tank
- Capacity: 302 L (80 gal)

HYDRAULIC SYSTEM

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

ELECTRICAL SYSTEM

- Type: 12 volts
- Battery: 31 double - 1900 CCA

DRIVELINE SYSTEM

- Clutch: Twin Disc, model SP311
- Control: Electronic redundant
- Gear box: One (1) bevel type

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
 - Error message display

SAFETY MECHANISM

- Two (2) easily replaceable shear pins on the impeller and auger drive

SKATES AND SCRAPER BLADES

- Quantity:
 - Four (4) outside and two (2) inside skates and six (6) reversable scraper blades made of 44W high carbon alloy steel

OPTIONAL EQUIPMENT

- Battery heater
- Hydraulic oil heater
- Hydraulic steering vanes
- Residential type Cowl muffler
- Skates with carbide inserts
- Thermostatic clutch fan
- Work lights



ISO 9001:2000

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