



TM42R

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PERFORMANCE¹

- Theoretical volumetric capacity: 431,027 ft³/h
- Capacity: 4800 t/h
- Travelling speed: 60 km/h (37 mph)

DIMENSIONS

- Overall height: 3708 mm (146 in.)
- Overall length: 8230 mm (324 in.)
- Carrier width: 2540 mm (100 in.)
- Weight: 13381 kg (29500 lb)
- Gross vehicle weight GVWR: 16363 kg (36000 lb)
- Wheel base: 3048 mm (120 in.)
- Turning radius: 5.2 m (17 ft) (with rear steer)
9.75 m (32 ft) (standard steer)

CARRIER

- Propulsion: 4 x 4 with hydrostatic transmission
- Engine: Caterpillar Diesel engine - 336 kW (450 hp)
- Fuel system: Diesel, 645 L (170 gal) capacity

TRANSFER GEAR BOX

- Type: Pneumatic clutching with electrical command via the cab with indicator for the ratios and the neutral position

BRAKE SYSTEM

- Brakes:
 - Independent front and rear air brakes, « S Cam » type, with automatic adjustment
 - Rear wheel parking brakes

WHEELS AND TIRES

- Type: 315/80R22.5 with steel discs of 4082 kg (9000 lb) capacity

ELECTRICAL SYSTEM

- Type: 12V electrical system with 3600 CCA batteries
- Alternator: 145 Amps

CAB

- General:
 - One seat for the operator
 - One transversal seat for the pilot
 - AM-FM radio and CD player
- Sound level: 77 dBA inside the cab
- Heating system: 55000 BTU
- Control: Multiplex system
- Safety: Rear camera

¹ Depending on snow conditions

LIGHTS

- General: In conformity with Transport Canada regulations. LED type base light
- Headlights: Two (2) square headlights (high-low) with integrated flashers
- Work lights: Two (2) on top of the cab, two (2) inside the engine cover and one (1) for the shear bolts
- Flasher unit: Strobe light on each side of the cab

BLOWER

- Type: Two (2) stages: ribbon and impeller
- Cutting width: 2845 mm (112 in.) with steering vanes
- Working height: 1499 mm (59 in.)
- Weight without loading chute: 2500 kg (5500 lb)

REDUCTION GEAR BOX AND DRIVE SHAFT

- Clutch: Marine type, hydraulic multidiscs with electrical control and reverse speed

RIBBON

- Type: One piece ribbon, 1066 mm (42 in.) diameter

IMPELLER

- Diameter: 1054 mm (41.5 in.)
- Blades: Five (5) replaceable blades
- Projection¹: Up to 53 m (175 ft)

DRUM

- Wear plate: Made of 6 mm (¼ in.) CHT360 steel

LOADING CHUTE

- General: Telescopic loading chute made of 5 mm (3/16 in.) CHT360 steel
- Projection¹: 3 to 15 m (10 to 50 ft)
- Rotation: 300° hydraulic

Other options also available



ISO 9001:2008

Specifications on this brochure may be changed without prior notice.
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