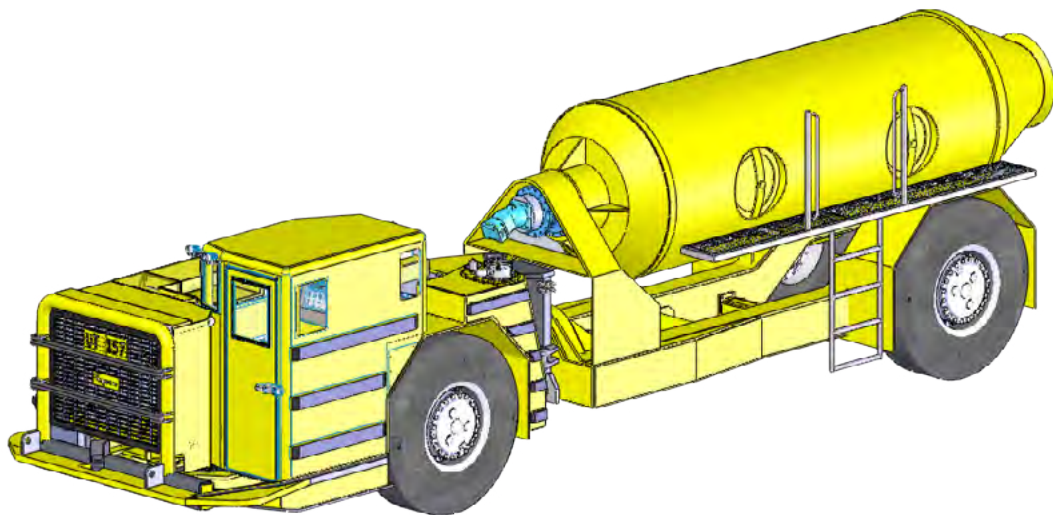


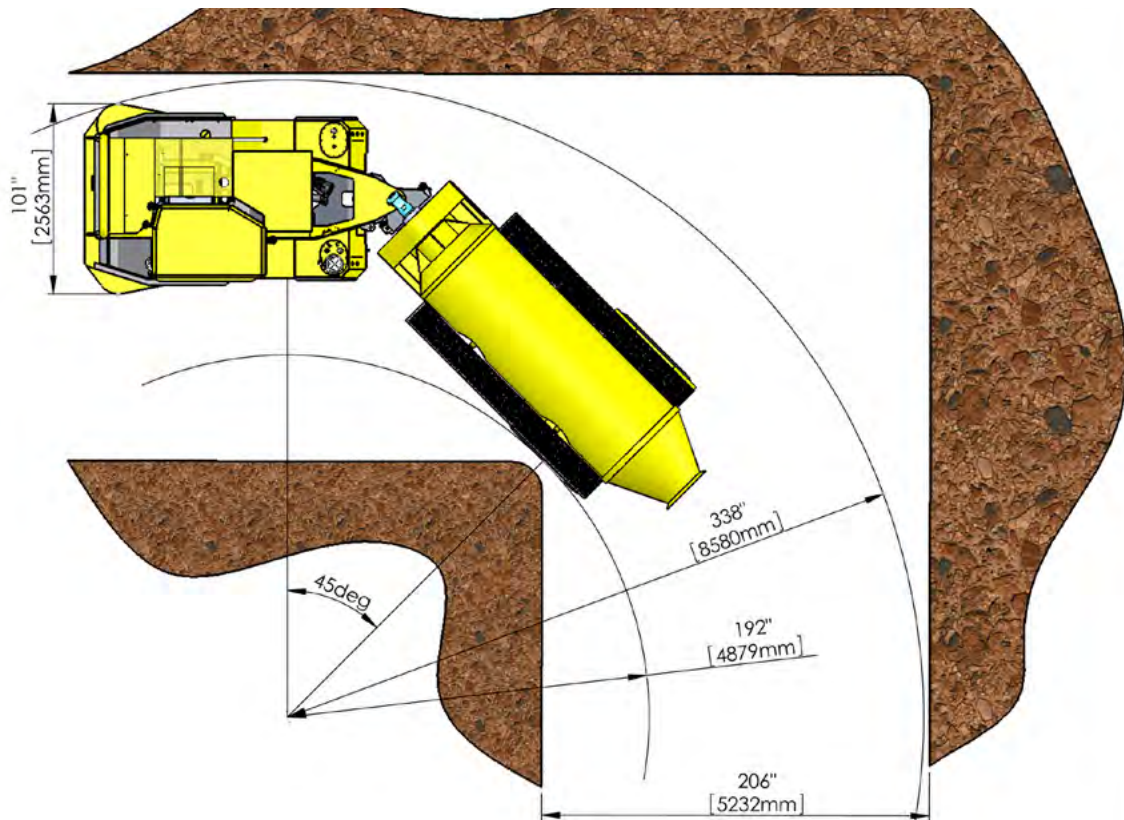
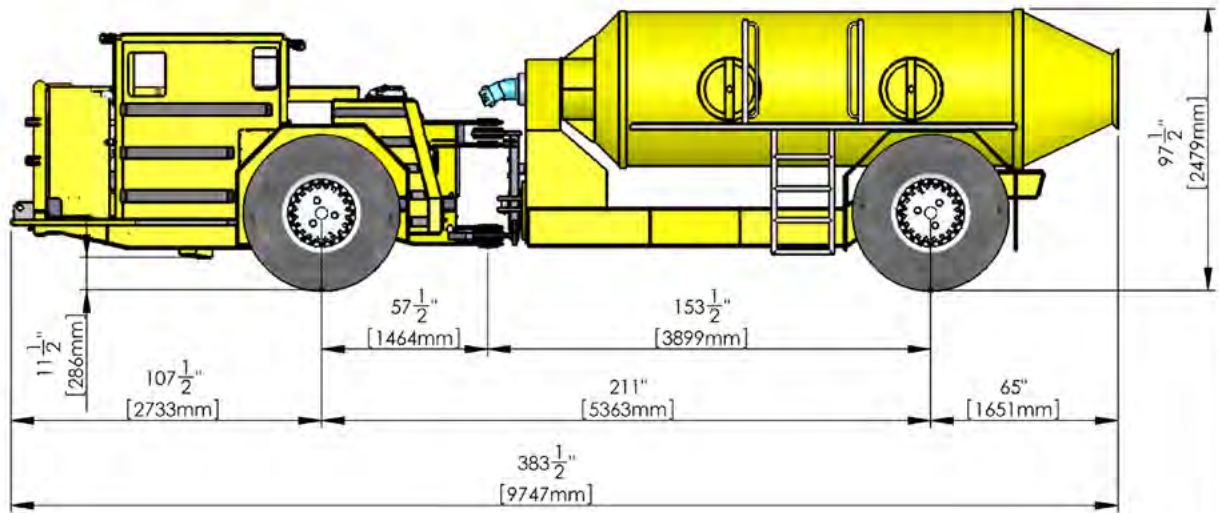
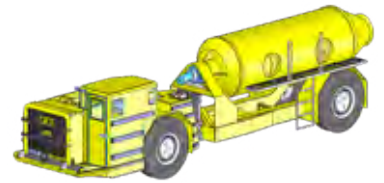


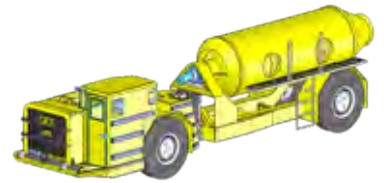
TM-C5.1 TRANSMIXER

TECHNICAL SPECIFICATIONS



TRIDENT MINING SYSTEMS
6075 King Street
Porcupine, ON
Canada, P0N 1C0





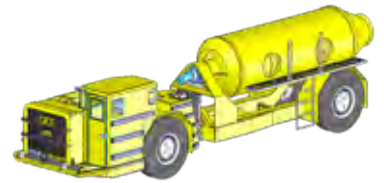
STANDARD FEATURES

- Rated Load Capacity: 27,000lbs. (12,247 kg.)
- Drum Capacity: 6.7 Cubic Yard. (5.1 Cubic Meter.)

- Heavy Duty Powertrain.
- Engine: Cummins QSB6.7 Series Diesel Tier 3
- Torque Converter: Dana C-320 Series with Optional Lock-Up
- Transmission: Dana R-32000 Series
- Axles: Dana 16 D 2149 Planetary Drive Axle with Liquid Cooled Posi-Stop Brakes.

- Center Articulated Hydraulic Steering.
- Central Lube Stations.
- Central Hydraulic Pressure Testing Points.
- SAE Type Hose Fittings.

- Enclosed Air Conditioned and/or Heated R.O.P.S Operator Cab.
- Open Cab Version Available.
- Optional Telma Driveline Brake Retarder
- 24v Electrical System.
- Military Spec. Wiring System
- Electric Transmission Controls.
- Hydraulic Joystick Operated Steering Controls.
- Auto Fire Suppression System.
- Back Up Alarm.
- Emergency Steering & Braking System Accumulators.
- 14.00 R24 Tires
- Mixer is hydrostatically driven through a planetary gear reducer.
- Internal Drum Flutes provide mixing and discharge capabilities without drum tilting.
- Form Oil Tank, Pump and Hose Reel
- Variable Speed Bi-directional Drum Rotation allows for various mixing speeds and controlled discharge rates.
- Water Tank and Hydraulically Driven Pressure Washer
- Optional Air Operated Emergency Drum Drive.
- Optional Stainless Steel Accelerator Tank and Transfer Pump



TECHNICAL SPECIFICATIONS

MAIN DIMENSIONS

Total Length:	383.5 in.	(9747mm.)
Total Width:	101 in.	(2563mm.)
Total Height:	97.5 in.	(2479mm.)
Inner Turn Radius:	192 in.	(4879mm.)
Outer Turn Radius:	338 in.	(8580mm.)
Turn Angle:	45.0 Degrees	

WEIGHTS

Operation Weight:	32,200lbs	(14606kg.)
Total Loaded Weight:	59,185lbs	(26846kg.)

FRAMES

Rear and Front Frames:	Welded Steel Box Construction
Material:	G40.21 300W Plate G40.21 350W H.S.S

TIRES

Tire Size:	14.00R24
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DRUM

Capacity:	6.7 Cubic Yard (5.1 Cubic Meter)
	Options Available
Drum Height:	97.5 in. (2479mm.)

ENGINE

Diesel Engine:	Cummins B6.7 Series Tier 3
Output:	220HP (164KW)
R.P.M:	2200
Cylinders:	6
Displacement:	409 Cubic Inch (6.7L)
Combustion Principle:	Direct Injection/Turbo Charged

POWERTRAIN

Transmission:	Dana R-32000 Series
Torque Converter:	Dana C-320 Series (Lock-Up Optional)
Axles:	Dana 16D 2149 (Posi-Stop)