



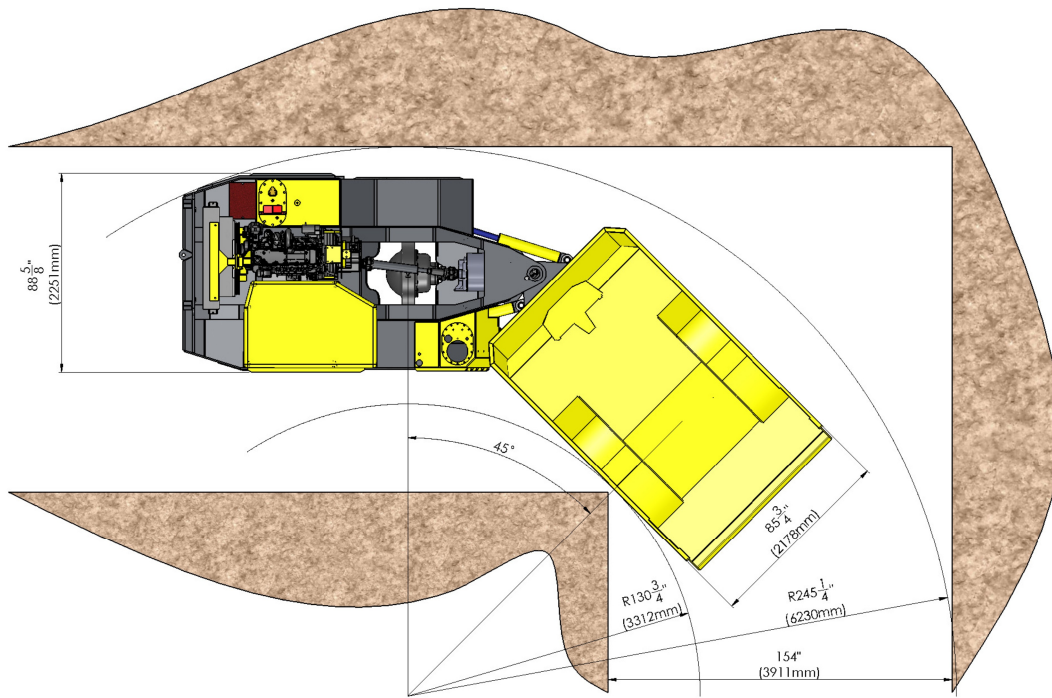
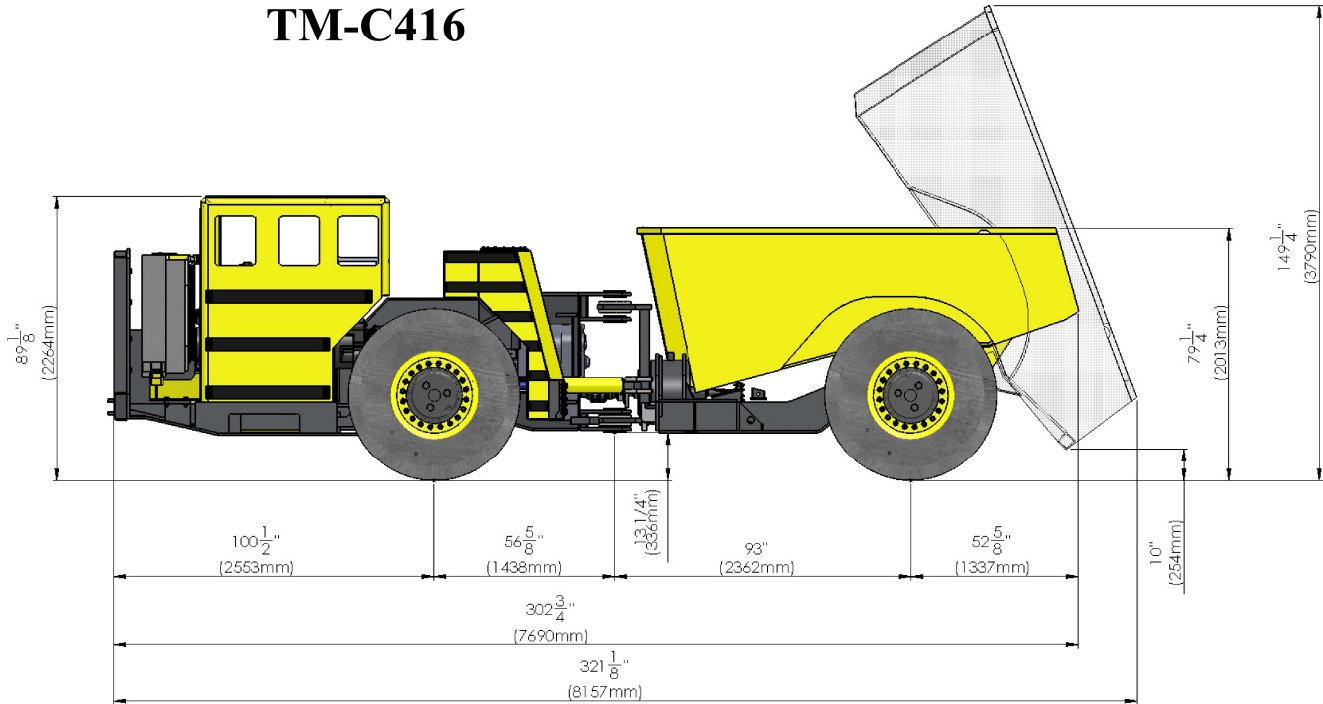
TM-C416 HAULAGE TRUCK



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



TM-C416





STANDARD FEATURES

- **32,000 lbs. (14,545 kg.) Rated Load Capacity**
- **Standard Box Capacity: 10.8 cubic yard (8.2 cubic meter)**
- **Heavy Duty Powertrain**
- **Clark C320 Torque Converter**
- **Clark R-32000 Transmission**
- **Clark 16D Planetary Drive Axles with Liquid Cooled Posi-Stop Brakes**
- **Cummins B6.7 Series Diesel Engine**
- **Center Articulated Hydraulic Steering**
- **Enclosed Air Conditioned R.O.P.S. Operator Cab.**
- **Open Cab Version Available**
- **24V Electrical System**
- **Electric Transmission Controls**
- **Joystick Operated Steering and Bucket Controls**
- **Auto Fire Suppression System**
- **Back up Alarm**
- **Emergency Steering and Braking System Accumulators**
- **Central Hydraulic Pressure Test Points**
- **14:00 x 25 Tires**
- **SAE Type Hose Fittings**
- **Central Lube Stations**



TECHNICAL SPECIFICATIONS

EQUIPMENT SERIAL # 08010701

ENGINE

CUMMINS QSB 220T3 409 IN³, 6.7 LITRE, TIER 3, SERIAL# 46890705

HORSEPOWER 220 HP @ 2200 RPM

TORQUE 700 LB/FT @ 1500 RPM

NUMBER OF CYLINDERS 6

TRANSMISSION

DANA R32421-654 4 SPEED, MODULATED, ELECTRIC SHIFT, SERIAL# 294980

AXLES

DANA 16D2149 POSI STOP, SERIAL NUMBER KUSA573358 AND SERIAL NUMBER KUSA573355

TORQUE CONVERTER

DANA CL323-1-3, SERIAL NUMBER 871960

EQUIPMENT SERIAL # 08010702

ENGINE

CUMMINS QSB 220T3 409 IN³, 6.7 LITRE, TIER 3, SERIAL# 46908649

HORSEPOWER 220 HP @ 2200 RPM

TORQUE 700 LB/FT @ 1500 RPM

NUMBER OF CYLINDERS 6

TRANSMISSION

DANA R32421-654 4 SPEED, MODULATED, ELECTRIC SHIFT, SERIAL# 303436

AXLES

DANA 16D2149 POSI STOP, SERIAL NUMBER KUSA574043 AND SERIAL NUMBER KUSA574046

TORQUE CONVERTER

DANA CL323-1-3, SERIAL NUMBER 874793



TECHNICAL SPECIFICATIONS

MAIN DIMENSIONS

Total Length:	321.125 inches (8157mm)
Total Width:	88.625 inches (2251mm)
Total Height:	89.125 inches (2264mm)
Inner Turn Radius:	130.750 inches (3312mm)
Outer Turn Raius:	245.250 inches (6230mm)
Turn Angle:	45.0 Degrees

WEIGHTS

Operating Weight:	34,000 lbs. (15,455kg.)
Total Loaded Weight:	66,000 lbs. (30,000kg.)

FRAMES

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

BOX

Capacity:	Standard: 10.8 cubic yard (8.2 cubic meter) Options Available
Dump Height:	149.125 inches (3790mm)
Dump Angle:	70 Degrees

ENGINE

Diesel Engine:	Cummins B6.7 Series Tier 3
Output:	220HP (164KW)
R.P.M.	2200
Cylinders:	6
Displacement:	409 cubic inch (6.7 liters)
Combustion Principle:	Direct Injection Turbo Charged
Fuel Tank Capacity:	90 Gallons (341 liters)