

MTV-1105

Material Transfer Vehicle



Engine

- Tier 4F, Cummins® QSB6.7 250hp (186 kW) @ 2,200 rpm

Weights

- 47,890lb (21,722kg)

Cooling System

- Dual, quiet operation fans

Electrical System

- Standard system includes heavy-duty 95 amp alternator, 24V starting system and circuit breaker protection of all systems

Propel System

- Hydrostatic drive
- Continuously variable speed control with two speed ranges

Speed

- Working: 0-2.3 mph (0-3.7 kph)
- Travel: 0-9.6 mph (15.4 kph)

Brake System

- Hydrodynamic disc caliper brakes, and parking brake

Tires

- Rock Lug - 17.5" x 25" (445mm x 635mm)

Operator Stations

- Operator positions on both sides
- Comfort Drive™ stations on both sides of the platform make for easy operation, no matter the job

Truck Dump Hopper

- Front hopper has swivel support casters. Vibrating floor plate 9'2" (2,794 mm) wide truck opening
- Hydraulic, adjustable push rollers
- Hydraulic front hopper baffle adjustable for optimal material flow

Dump Hopper Transverse Auger (C1)

- Triple pitch 22" (559mm) o.d. cast, segmented auger

Dump Hopper Unloading Conveyor

- Drag conveyor with 600 tph (544 mtph) capacity
- Dual roller bushing chain
- Heavy-duty flights 5/8" (1,644mm) thick, 5 9/16" (142 mm) wide, and 33 3/4" (857mm) long

Paver Loading Conveyor (C3)

- Drag conveyor with 600 tph (544 mtph) capacity
- Dual roller bushing chain
- Slats are 1/2" (12.7mm) thick, 4 3/4" (121 mm) wide and 30" (762mm) long
- 500 BHN bolted replaceable floor plates and doors
- Conveyor can be positioned up to 55-degrees to either side of center
- Conveyor guard rails

Service Capacities

- Fuel Tank - 120 gal (454 l)
- Hydraulic Fluid Tank - 80 gal (303 l)

Physical and Operating Characteristics

| Dimension | Standard | Metric |
|-----------------------------------------|-----------------------|------------------------|
| Engine MFG | Cummins | |
| Model | QSB 6.7 | |
| Max Power | 250 hp @ 2,200 rpm | 186kW @ 2,200rpm |
| Number of Cylinders | 6 | |
| Electrical | 24v | |
| Shipping Weight | 53,520 lbs | 24,276 kg |
| Operating Length | 40' 10" | 12.446m |
| Shipping Width | 9' 9" | 2.971m |
| Shipping Height | 9' 10.5" | 3.009m |
| Hydraulic Tank Capacity | 80 gal | 303 ltr |
| Fuel Tank Capacity | 120 gal | 454 ltr |
| Truck Dump Hopper Width | 9' 2" | 2.794m |
| Dump Hopper Transverse Auger (C1) | 22" | 559mm Triple Pitch |
| Dump Hopper Unloading Conveyor Capacity | 600 tph | 544 mtpH |
| Paver Loading Conveyor (C3) | 600 tph | 544 mtpH |
| Working Speed | 0-2.3 mph | 0-3.7 kph |
| Travel Speed | 0-7.4 mph | 11.9 kph |
| Steering | Single Joystick | |
| Suspension | 18" Rubber Track | 457 mm Rubber Track |