



The MTV-1000D material transfer vehicle, like the Shuttle Buggy® models, is capable of transferring while reblending paving material to allow for continuous in-line paving. The patented, offset gravity transfer provides reblending of asphalt materials just before they are delivered to the paver, eliminating truck-end segregation. With an optional windrow attachment, the MTV-1000D can pick up material from a windrow and transfer it to the paver.

MTV-1000D SPECIFICATIONS

ENGINE:

CAT® C9-300 HP, Tier III, 6-cylinder diesel engine, 300 HP (224 kw) @ 2,200 rpm. Engine instrumentation includes tach/hour meter, oil pressure, voltage and emergency shutdown system. Easy access to oil cooler/radiator.

OPERATOR'S STATION:

Operator positions on both sides. Control panel swivels for use from either station allowing for same-lane or adjacent-lane operation from either side. Inside turning radius 21' (6.4 m).

GROUND DRIVE:

Four wheel hydrostatic drive for continuously variable speed control with two speed ranges. Electric over hydraulic shift between working and transport ranges. Maximum speed (working range) 2.3 mph (3.7 kph). Maximum speed (travel range) 9.6 mph (15.4 kph).

TIRES:

High flotation - 17.5" x 25" (444.5 mm x 635 mm).

ELECTRICAL SYSTEM:

Standard system includes heavy-duty 90-amp alternator, 24-volt starting system and circuit breaker protection of all systems.

SLAT CONVEYORS TRUCK UNLOADING (C-1):

High-capacity truck unloading system with low deck height, 9'2" (2.8 m) side truck opening and 22" (559 mm) o.d. x 8" (203 mm) deep Ni-Hard segmented converging auger for quick material flow. Conveyor has weld-on flights 5/8" (16 mm) thick, 7" (178 mm) wide x 58" (1,473 mm) long. Ni-Hard liner plates are removable. Power dump front hopper has a vibrator on the bottom that helps keep material moving. Hydraulic adjustable push roller is standard. Conveyor capacity is rated at 600 TPH (544 MTPH).

PAVER LOADING (C-3):

Conveyor swings 55 degrees to either side of center. Maximum conveyor discharge height is 12' (3.7 m) from ground level. Conveyor flights welded to the chain are 1/2" (12.7 mm) thick, 4 3/4" (121 mm) wide and 30" (762 mm) long. Conveyor has 1/2" (12.7 mm) 500 BHN bolted replaceable floor plates and doors. C-1 and C-3 conveyors have on/off controls that are interlocked. Conveyor capacity is 600 TPH (544 MTPH).

HOPPER INSERT:

An optional mass-flow paver hopper insert is used to increase the hopper capacity of a conventional paver when used with the MTV-1000D.

CAPACITIES:

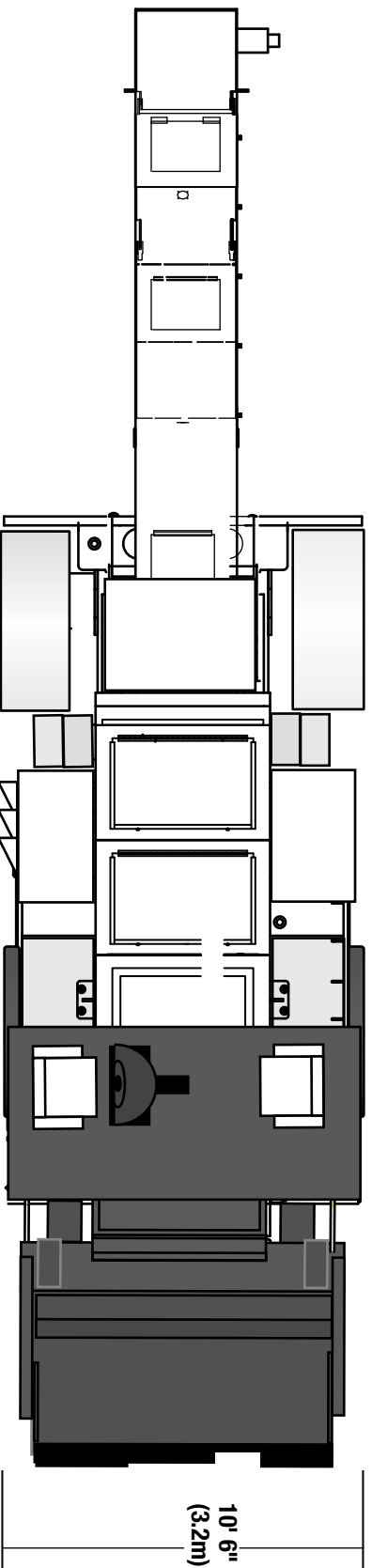
Fuel tank.....150 gal (568 L)
Cooling capacity.....13 gal (49.2 L)

WEIGHTS (approximate):

Shipping weight.....50,500 lbs (22,906 kg)

OPTIONS:

Windrow attachment
Hydraulic generator set
Hopper insert
Light package



SHIPPING WEIGHT: MTV-1000D - 50,500 lbs (22,906 kg)

