

The CME-800XR Rough-Terrain carrier



Rubber tracks for rough-terrain or city streets

The CME-800XR rough-terrain carrier features a two speed hydrostatic drive and full rubber tracks that can get you to locations inaccessible to even all-wheel drive trucks. The low ground bearing pressure and high tractive effort of this heavy duty machine provide excellent off-road capability. And, since the rubber tracks won't damage most pavement, you can also use this carrier on concrete or asphalt streets.

An automatic hydraulic track tensioning system maintains optimal track tension to improve performance and reduce wear. It also allows you to release track tension and retract the idler sprocket for easier service.

The CME-800XR has a 16,000 lb payload. The full length frame will accept just about any piece of equipment that's normally mounted on a truck. That means installation time and effort (and therefore cost) is minimal.



CME-800XR Carrier Specifications

Engine

Cummins turbocharged and charge air cooled 6 cylinder tier 3 U.S. EPA emissions certified diesel engine. Rated Horsepower 185 hp @ 2500 rpm with 575ft-lbs of torque.

Transmission

Each track is independently driven via a hydrostatic transmission with high pressure variable displacement pump, two speed fixed displacement piston motor and joystick steering operation.

Suspension system

Walking beams design with 12 inch [30 cm] diameter smooth cast iron rollers with heavy-duty spindles and bearings in oil filled hubs with dual cone seals.

Automatic hydraulic track tensioning system.

Tracks

Two 27.5 in [70 cm] wide tracks - rubber cleated, steel belt reinforced with imbedded steel grousers.

Brakes

Service brake controlled via closed circuit hydrostatic transmission levers. External spring applied hydraulic release parking brake.

Steering

100% hydraulic power via single control lever for each track.

ROPS Protection

A roll-over protective structure is standard on the CME-800XR. It meets SAE specification J1040C and includes a front brush guard.

Fuel tank capacity

40 U.S. gallons [152 L]

Hydraulic pump drives available

Supplied with fixed displacement pump with max capacity of 25 gpm @ 2000 psi (Contact CME for additional auxiliary hydraulic horsepower availability.)

Hydraulic Front winch

15,000 pound (6,810 kg)

Operational characteristics

Inside turning radius: In place

Ground speeds (max):

Low range: 2.4 mph [3.86 kph]

High range: 5 mph [8.04 kph]

Tractive effort (max):

Low range: 44,525 pounds [20,214 kg]

High range: 21,640 pounds [9,825 kg]

Ground clearance

14.5 inches [36.8 cm]

Gradeability:

60% straight ahead

40% side hill

Capacities

Empty weight: 20,100 pounds [9,125 kg]

Payload: 16,000 pounds [7,264 kg]

Ground bearing pressure (EVW): 2.53 psi [0.178 kg/sq cm]

Ground bearing pressure (GVW): 4.54 psi [0.319 kg/sq cm]



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