

HERCULES

Command Master Control System



Command Post Joystick



- Tier III Electronic Engine
- Electronically controlled engine torque output
- CAN-Bus Control System & Onboard Diagnostic System
- Larger cab with controls integrated into seat
- 100 CFM Rotary Compressor
- Hydraulic rail and road brakes
- Trackmobile pioneered automatic transmission
- Work area video cameras

HERCULES



TRACKMOBILE®
MOBILE RAILCAR MOVERS

1602 Executive Drive
LaGrange, Georgia 30240 USA
(706) 884-6651 Fax: (706) 884-0390
www.trackmobile.com

HERCULES SPECIFICATIONS

MAXIMUM TRACTIVE EFFORT:

- 44,458 lbs to 45,870 lbs [20,166 kg to 20,806 kg] double coupled
- 28,123 lbs to 29,535 lbs [12,756 kg to 13,397 kg] single coupled

DRIVE TRAIN CONFIGURATION:

- Power transmitted through torque converter, transmission, and transfer case to a No-Spin differential and planetary axle assemblies.
- **Engine:** Cummins QSB6.7 turbocharged diesel engine, 6 cylinder, 4 cycle, 165 HP [123 kW] Tier III. Max. torque 539 ft. lbf. [731 Nm].
 - **Transmission and Torque Converter:** Funk DF Series, four speed forward and reverse.
 - **Transfer Case:** Heavy duty hardened alloy steel spur gears. Oil bath lubrication.
 - **Rail Drive Axles:** Two Axletech Model PRLC, planetary type.
 - **Roadwheel Drive:** Interlocking lug drive.

FRAME:

Heavy-duty, 2" [51 mm] thick welded frame.

BRAKES:

- **Rail:** Hydraulic actuated.
- **Train Brakes:** 100 CFM
- **Road Wheel:** Drum and shoe arrangement.
- **Parking:** Spring applied, air released, disc/caliper arrangement.

RAILWHEELS:

27" [686 mm] heat treated cast steel. (AAR) specification.

ROADWHEELS:

16 ply 9.00x20 heavy duty mine service, rubber tires.

RAIL GAUGE:

Standard gauge: 56 1/2" [1435 mm]

ELECTRICAL SYSTEM:

12 Volt DC, 160 Amp Alternator, 925 CCA Dual Batteries.

AIR INTAKE SYSTEM:

3 Stage Filtration, high efficiency pre-cleaner tubes, primary filter, safety filter.

POWER STEERING:

Hydraulic steering system, pivoting steering wheel.

HYDRAULIC SYSTEM:

Constant pressure hydraulic system, with piston pump.

COUPLERS:

Two heavy-duty cast steel, AAR style. Air operated, electrically controlled knuckle release.

SANDERS:

Air operated, electrically controlled eight sanders.

LIGHTS:

Operator's cab, interior dome, one clear, one red.
Rail Mode & Road Mode - 6 halogen lights, 3 each front & rear.
2 tail & stop combination, rear mounted.
2 Lateral work lights to illuminate roadbed.

OPERATOR CAB:

Totally enclosed 360 degree visibility. Sound level under 85 dBA. Two doors, front & rear. Isolation mounts for body frame and cab. Air suspension seat with 180° swivel. Full instrumentation with digital video display. Cup holders. Rear coupler alignment camera. Arm rest controls. Rearview mirror. Cab heater. Defroster fans. Sun visor. Windshield wipers and washers. Strobe light. Fold down jump seat.

WARNING SIGNAL:

Blast type air horn, automatic backup alarm for road operation.

OPTIONS:

Air conditioning, air bell, cab extension, cold weather fluids, engine block heater, 5# fire extinguisher, foam filled tires, (GCS) Ground Control System, battery wrap heater, engine oil pan heater, hydraulic tank heater, transmission oil pan heater, MAX-TRAC, MAX-TRAN®, radio control, "V" shaped snow plow, spotlight, track mirrors/cab side, track mirrors/off side, turn signals, cylinder rod protectors, exhaust extension, rail line sight camera, performance package, auxiliary transmission oil cooler.

HERCULES DIMENSIONS			
	On Rail AAR Clearance Pattern Maintained		On Road
Wheel Base	127.0"	3226 mm	65.4" 1661 mm
Length	170.0"	4318 mm	170.0" 4318 mm
Width	122.1"	3101 mm	122.1" 3101 mm
Height	138.3"	3513 mm	146.3" 3716 mm
Weight	35,720 lbs. [16,202 kg]		

TABLE OF PERFORMANCE			
Maximum Speed* (Both Directions)	On Rail		On Road
Low	2.4 MPH	[3.9 km/h]	1.5 MPH [2.4 km/h]
2nd gear	4.0 MPH	[6.4 km/h]	2.5 MPH [4.0 km/h]
3rd gear	8.0 MPH	[12.9 km/h]	5.1 MPH [8.2 km/h]
4th gear	13.6 MPH	[21.9 km/h]	8.7 MPH [14.0 km/h]

*Actual speeds obtained will depend on grade, load, altitude and other factors.

TRACKMOBILE® Inc., reserves the right to change specifications at any time without prior notice.

TRACKMOBILE®, INC.

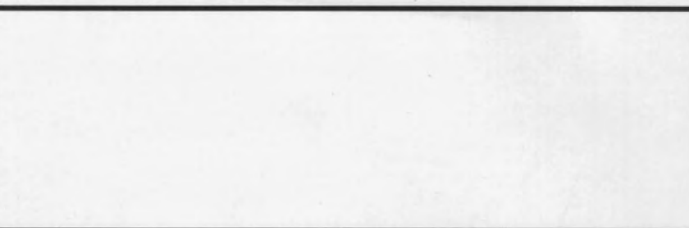
1602 Executive Drive

LaGrange, Georgia 30240 USA

(706) 884-6651 FAX (706) 884-0390

E-Mail: trackmobile@trackmobile.com

www.trackmobile.com



A member of The Marmon Group of companies