

CUSTOMIZED MAINTENANCE EQUIPMENT FOR RAILROAD EXCELLENCE

FD-RAILER 52/80/100/120



PERFECT FOR MOVING & TOWING HEAVY EQUIPMENT ON RAIL

- UP TO 120,000 LBS (54,545 KG) OF PAYLOAD
- UP TO 37' (11.27 M) OF DECK LENGTH
- BI-DIRECTIONAL SPEED UP TO 25 MPH (40 KM/H)

DESIGNED AND BUILT FOR QUICK COMMUTE TO JOB LOCATION, MAXIMISING SAFETY AND ALLOWED PERIOD ON RAIL



Unique frame especially designed for heavy capacity (up to 120,000 lbs – 54,545 kg): ideal to move or tow all type of equipment such as concrete mixer truck or propane tanker to job site.



Hydrostatic **railgear** axles allowing same speed (up to 25 mph - 40 km/h) on both directions as well as built-in hydraulic brakes. All elements are fully protected inside the axles. (FD-52 & FD-80)



Embedded rails on deck for moving roadway work equipment (length up to 37' - 11.27 m).

Apitong wood decking for easy moving on-board and easy maintenance.

Easy and secure loading operations with the 70' long (21.34 m) & 30,000 lbs (13,607 kg) capacity **standard winch**.



Ergonomic controls, including automatic bi-directional multi-functions driving joystick wrap around the operator for maximum comfort and easy operations.



Fully enclosed cab with 360° view including high back 180° swivel seat for automatic bi-directional driving, air conditioning, heating, passenger bench and sound level below 85 dBa for operator's maximum comfort and safety.



Automatic bi-directional driving and brake LED lights, plus a strobe.

Additional features: CAN Bus control system, day/night back-up camera, radio communication plug-in ready, air compressor.



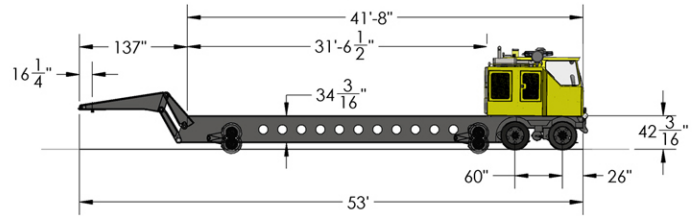
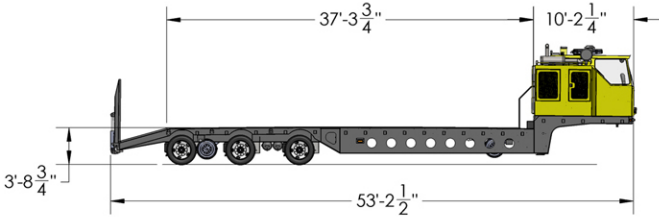
Additional options

- Articulated crane or grapple
- Railcar coupler attachments
- Tow hook attachments
- Remote control system package

	FD-RAILER 52	FD-RAILER 80	FD-RAILER 100	FD-RAILER 120
Engine - Cummins Electronic Turbo-Charge Diesel Engine				
meets EPA Interim Tier 3\EU Stage IIIA emissions	QSB 4.5 Liter	QSB 6.7 Liter	QSB 6.7 Liter	QSB 6.7 Liter
Configuration	In-line 4 cylinder	In-line 6 cylinder	In-line 6 cylinder	In-line 6 cylinder
Horsepower	170 HP (127kW) 2500 rpm	@ 270 HP (362kW) @ 2500 rpm	270 HP (362kW) @ 2500 rpm	270 HP (362kW) @ 2500 rpm
Maximum torque	459 lb-ft (622 N-m) 1500 rpm	@ 729 lb-ft (989 N-m) 1500 rpm	@ 729 lb-ft (989 N-m) @ 1500 rpm	729 lb-ft (989 N-m) @ 1500 rpm
Fuel Tank - 84 gal. (321 L) w/ lockable cover	STD	STD	STD	STD
Powertrain				
Axles	Neotec hydrostatic axles bi-directional EPV 14.32	Neotec hydrostatic axles bi-directional EPV 22.25	Drapeau Axle FD-AX100	Drapeau Axle FD-AX100
4 wheel drive	STD	STD	STD	STD
Bi-directional speed	17.5 Mph (28 km\h)	20 Mph (32 km\h)	25 Mph (40 km\h)	25 Mph (40 km\h)
Wheels				
Standard Gauge 56" 1/2 (1,435 mm)	STD	STD	STD	STD
Diameter	22" 7/8 (580 mm)	22" 7/8 (580 mm)	24" (610 mm)	24" (610 mm)
Brake System				
Service braking - hydraulic	STD	STD	—	—
Parking brake - hydraulic spring applied	STD	STD	—	—
Service braking - air	—	—	STD	STD
Parking brake - air released, spring applied	—	—	STD	STD
Loading Capacity				
On road (no permit)	52,000 lbs (23,636 kg)	80,000 lbs (36,364 kg)	80,000 lbs (36,364 kg)	80,000 lbs (36,364 kg)
On rail	52,000 lbs (23,636 kg)	80,000 lbs (36,364 kg)	100,000 lbs (45,454 kg)	120,000 lbs (54,545 kg)
Winch				
70' length, 30,000 lbs	STD	STD	STD	STD
Deck				
Ramp mechanism	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Ramp type	Beaver tale	Beaver tale	Beaver tale	Scissor neck
Deck floor	Apitong wood	Apitong wood	Apitong wood	Apitong wood
In-deck rail	std	std	std	std
Operator Cabin				
Interior cubic feet	192 cu.ft.	192 cu.ft.	192 cu.ft.	192 cu.ft.
HVAC system	STD	STD	STD	STD
Auxiliary heater	STD	STD	STD	STD
Insulated	STD	STD	STD	STD
Bi-directional Swinging seat with ergonomic	STD	STD	STD	STD
2 passenger seats	STD	STD	STD	STD
Automatic Shutdown & Alerts				
Automatic shutdown: high engine temperature, low engine oil pressure and coolant level	STD	STD	STD	STD
Alerts for low engine coolant level, hydraulic oil and fuel level	STD	STD	STD	STD
Electrical				
12 Volt system	STD	STD	STD	STD
Digital instrumentation system - SAE-J1939 CAN-BUS Control System	STD	STD	STD	STD
1 LCD 2.8" HMI display for real-time statistics and diagnosis data	STD	STD	STD	STD
Lighting & Safety				
4 Automatic bi-directional LED driving lights 4800 Lumens	STD	STD	STD	STD
4 Automatic bi-directional LED brake lights 4800 Lumens	STD	STD	STD	STD
1 Stroboscopic top light	STD	STD	STD	STD
2 LED working lights 4800 Lumens	STD	STD	STD	STD
Backup alarm	STD	STD	STD	STD
Additional Features				
12V radio communication system plug-in ready	STD	STD	STD	STD
Air compressor	—	OPT	STD	STD
Day/night back-up camera	STD	STD	STD	STD
Available options				
Remote control system package	OPT	OPT	OPT	OPT
Articulated crane or grapple	OPT	OPT	OPT	OPT
Railcar coupler attachments	OPT	OPT	OPT	OPT
Tow hook attachments	OPT	OPT	OPT	OPT

Dimensions & Weight

Length	53' (16,154 mm)	53' (16,154 mm)	53' (16,154 mm)	53' (16,154 mm)
Width	102" (2,591 mm)	102" (2,591 mm)	102" (2,591 mm)	102" (2,591 mm)
Height deck	45" (1,143 mm)	45" (1,143 mm)	45" (1,143 mm)	42" (1,067 mm)
Height cab	146" (3,708 mm)	146" (3,708 mm)	146" (3,708 mm)	143" (3,632 mm)
Wheelbase (on rail)	276" (7,000 mm)	276" (7,000mm)	276" (7,000 mm)	276" (7,000 mm)
Weight	28,000 lbs (12,727 kg)	30,000 lbs (13,636 kg)	32,000 lbs (14,545 kg)	35,000 lbs (15,909 kg)



**TURNKEY SOLUTIONS
CONSULTANT EXPERTISE
VALUED SATISFACTION**

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