

Tracked Fire Fighting Vehicles (FFMARDER) Basic Technical Data

Length of the vehicle (basic vehicle)	6,880 mm
Length of vehicle (with clearing blade or cable winch)	7.280 mm
Width of the vehicle (without / with clearing blade or cable winch)	3.380 mm
Height of the vehicle (including deletion monitor) approx.	3,225 mm
Track width	2.620 mm
Ground clearance (front and rear) approx.	455 mm
Chain width	450 mm
Length of chain	3,900 mm (approx.)
Total weight	35,000 kg
Weight (empty water tank empty) approx.	26,500 kg
Fuel tank capacity approx.	400 ltr.
Fuel consumption road	30 dm ³ / 100km
Ground	400 dm ³ / 100km
Action radius (range) Street (km) approx.	300 km
Terrain (km) approx.	100 km

Additional Technical Data

Additive max. Waterload:	8,000 l
Timespan of fire extinguishing- 30 bar rotating stream:	at approx. 600 - 800 l/min. approx. 15 min.
Timespan of fire extinguishing- 200 bar rotating stream:	at approx. 300 l/min. approx. 0,5 hr.
Timespan of extinguishing-front installed equipment:	approx. 2 hrs.
Timespan of extinguishing-handapparatus:	at approx. 50 l/min approx. 3 hrs.
Max. length of hose for hand-apparatus:	approx. 500 m
Personnel rescue capacity after emptying of carrier-vehicle water tank:	max. 20 personnel
Max. water pressure at extinguishing monitor:	200 bar
Max. pressure of working hydraulick:	300 bar
Supply capacity for water pressure:	120 kW
Supply of oxygen 400 l at 200 bar during rescue movement inside and at fire center:	5 Min. operational time with oxygen

