



## Technical Specification

**Engine:** MTU MB 838 Ca M / 500, 10 Zylinder, 610 KW = 830 HP

**Gearbox:** ZF 4-gear shift and steering gear unit with hydraulic torque converter

### Dimensions

Length with dozer blade	ca. 8100mm
Width	ca. 3400 mm
Height	ca. 3550 mm
Ground clearance	ca. 420 mm

### Weight:

Chassis (with fire extinguishing system and 11.600 litres water & additives) approx. 50 t

Ground pressure	approx. 10,5 N/cm <sup>2</sup>	Ditch crossability	approx. 2,5 m
		Turning radius	4,96 m
Max. speed	approx. 50 km/h	Fuel capacity	985 ltr.
Creep speed	approx. 4 km/h	Operating range:	
Gradeability	approx 50 %	- road	ca. 450 km
Lateral tilt	approx. 25 %	- off-road	ca. 250 km

The two containers supply 11.000 litres of water and 600 litres of additives, such as foam agents. The water tank is a self-supporting welding construction and the inside is enforced with baffles and reinforcements. The water pump allows for a complete filling from open waters within 5 minutes. Hydrants can also be used.

The Fire Commander has four fire fighting alternatives:

- the water cannon
- with fire extinguishing hoses (B and C)
- hand impulse guns
- front water-nozzles

Two 25 litres IFEX dual intruder impulse cannons, mounted parallel, serve as the water cannon (double impulse extinguishing cannon). It is equipped with a hydraulic pan and tilt mechanism enabling horizontal movements of approx. +/- 90° and vertical movements of approx. -20° to +70°. The camera mounted between the two cannon barrels enables the operator to control the movements of the cannon and to observe the target.