



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 ²	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.