

Datasheet Bridge Tank (Brü Pz) 68/88 M+77900



The bridge consists of two track carriers of aluminum alloy. Each track support consists of two end portions and two intermediate portions. It is not a scissors bridge, it is transported in its entire length. The storage beam is mounted between the two tracking beams, which is connected to a hydraulic ram.

The laying of the bridge is carried out by the hydraulically operated bar with which the whole bridge is moved over the guide frame (support bar). For laying, the storage beam is first extended and placed with the tip on the ground (thus, no support shield is necessary). Then the bridge is moved along the storage beam. After laying down the bridge, the storage beam is detached and is retracted.

Manufacturer	K+W, Thun (CH)
Prod. years	1974-1977
Width	4.1 m
Height	3.88 m
Length	19.96 m w. Bridge
Armament	none
	8x 7.6 Nbw 87
Crew	3 men
	Cmd, Bridge layer, Driver
Weight	47 t
Fuel	855 lt Diesel
Op. range	250 km
Speed	55 km/h

Engine	MTU MB 837 Ba-500
	8-Cylinder, 4-Stroke
Capacity	29.9 lt
Power	660 HP (485 kW)
Aux. Motor	MB OM 636
	4-Cylinder, in-line
	38 HP (30kW)
Transmission	SLM (CH)
	Drive and steering gearbox
	6 forward – 6 reverse gears

Bridge length	18.2 m
Load capacity	50 t (max 60 t)
Weight	6.8 t
Lay down time	2 Min
Pick-up time	3 Min