

EQUIPMENT

- ✓ land navigation and topographical positioning system FIN 3110I + GPS + odometer,
- ✓ Fire Control System (turret control computer, layer's display unit, commander's ballistic computer),
- ✓ filtering-ventilation system,
- ✓ FONET Intercom and radiostation for external communication (Digital RRC 9311AP type VHF transceiver),
- ✓ fire extinguishing and explosion suppression systems
- ✓ day and night observation instruments for driver and commander,
- ✓ laser warning system OBRA-3 SSP-1, - Direct fire sight,
- ✓ ballistic radar MVRS-700 SCD ,
- ✓ auxiliary power unit, output power 5.5 kW.

TRACKED CARRIER

TECHNICAL DATA

Combat weight:	48 000kg	NEGOTIATING OBSTACLES		SPEED:	
Crew	4+1 men	gradient	25 °	on surfaced roads (category I, tarmac)	60 km/h
DIMENSIONS:		side slope	17°	on field, jagged roads	15 km/h
max. length	12 101 mm	vertical	0,8 m	off-road in plant terrain	30 km/h
max. width	3 640 mm	trenches	2,5 m	cruising range	400 km
height: to top plate of turret	3 000 mm	fords	1,0 m		

BULID STANDARD

Engine: MTU MT 881 Ka 500, power, max.: 1000 KM (735kW)/ 2700 rpm

Transmission: ALLISON X1100 – 5A3, automatic, selection of four forward speeds and two reverse speeds, integral braking system, integral steering system, pivot steer in neutral (360°).

Suspension: hydro-pneumatic system.





PARAMETERS

Calibre / barrel length	155 mm / 52 calibres
RATE OF FIRE:	
– burst	3 rounds /10 s
– intense	6 rounds /min. for 3 min.
– sustained	2 rounds /min.
– “salvo” effect (MRSI)	up to 3 rounds /min.
Angle of fire: depression / elevation	- 3,5° to + 70°
Angle of fire: traverse	n x 360°
Minimum range	4,7 km
Maximum range	40 km
AUXILIARY ARMAMENT:	
– machine gun	12,7 mm
– smoke grenades launchers (2 x 4)	81 mm
REACTION TIME:	
– into action time	approx. 30 s
– out-of-action time	max. 30 s
AMMUNITION STOWAGE (40 ROUNDS), INCLUDING:	
– in turret (shells + containers for charges)	29 + 28
– in chassis (shells + containers for charges)	11 + 20
Ammunition according to JBMoU	

DESIGNATION

Used by Armed Forces

- The howitzer is designed to suppress and destroy:
- artillery batteries and rocket artillery,
 - command posts, communication centres and ground fortifications,
 - mechanized and motorized units in all locations and all kinds of combat actions,
 - armoured means in enemy’s deployment zone and by direct fire,
 - helicopters on landing grounds,
 - important logistic support facilities.