



SELF-PROPELLED HOWITZER 122 mm "SORA"



PURPOSE:

Self-propelled howitzer 122mm D-30/04 SORA is intended for general fire support of brigade level units. It has good off-road mobility and maneuverability characteristics, respective firepower, range and on-target efficiency, which makes it good solution for present and future needs of artillery units.

TECHNICAL CHARACTERISTICS:

Armament, caliber:	122 mm 2A31 howitzer
Combat weight:	16500 kg
Maximum range:	15,2 km OF-462 HE projectile 18,3 km M10 BT HE projectile 21,5 km M10 BB HE projectile
On-board ammunition:	24 rds
Rate of fire:	6 rds/min
Road speed:	80 km/h
Cruising road range:	500 km
Crew:	4
Traverse:	±25°
Elevation:	-5° to +70°
Ammunition:	40

SYSTEM OPERATION:

When travelling, the ordnance is held in position by a clamp, at the elevation of +10°. Main sector of firing is opposite to the driving direction. It is possible to fire at elevations from -5° to +70°. Traverse is 25° left and right.

IMPROVEMENT OF SYSTEM FUNCTION:

- reduced reaction time of the system,
- reduced time spent on firing position,
- reduced number of crew members and
- increased survival probability and flexibility of fire support system in whole.