



ENHANCED MAIN BATTLE TANK DEMONSTRATOR

NEW CREW MEMBER CONCEPT

- 2-men turret & 2-men chassis with System Operator
- RCWS / UAV / BMS operated by System Operator
- Maximizing MBT situational awareness

ENHANCED 120 MM GUN/AMMUNITION PERFORMANCE (SHARD INTEGRATION)

TECHNOLOGY DEMONSTRATOR FOR FUTURE INTEGRATIONS

- UAV (sensor to shooter)
- Weaponized Commander sight
- 360° Local Situation Awareness System (chassis & turret)
- TROPHY APS & E-LAWS LWS
- Pilar V Acoustic Gunshot Detector
- Anti-UAV capability (ARX30 RCWS, airburst capable)
- “By wire” concept

TECHNICAL DATA

| | |
|-------------------------|--|
| Weight | 61.5 t |
| Length | 10.45 m |
| Width | 3.85 m |
| Height (Peri) | 3.24 m |
| Engine power | MTU 883 EPP with 1,100 kW (1,500 hp) |
| Maximum speed | 65 km/h (road) |
| Range | 460 km (road) |
| Ground clearance | 470 mm |
| Crew | 4 (commander, gunner, driver, system operator) |

| | |
|------------------------------------|--|
| Main weapon | NATO 120 mm L52 smoothbore gun w / 22 rounds autoloader |
| Coaxial weapon | 12.7 mm MG, coaxial to main gun w / 680 rounds ready to fire |
| RCWS | ARX30 30 mm w / 150 rounds ready to fire |
| Weaponized Cdr.'s periscope | 7.62 mm MG, coaxial to Cdr sight w / 800 rounds ready to fire |
| Grenade launcher | 80 mm GALIX launcher w / 8 smoke & 6 AP ready to fire |