

# MBT PT-91M2 complete modernization set

PT-91M2 modernization package can be integrated with all T-72 tank family

Results of modernization:

- increased firepower and fire maneuver possibility
- increased survivability on battleground
- increased mobility
- increased crew working comfort and extend mission duration
- improved in ergonomics



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# MBT PT-91M2

## complete modernization set

### Basic modernization set:

#### Chassis:

Improved engine with upgraded transmission  
 Improved suspension system  
 Auxiliary Power Unit (APU) with DC-generator up to 10[kW]  
 Extended area protected by reactive armor  
 Additional slat armor  
 Improved ballistic protection against mines  
 Fire extinguishing and suppression system with DeuGEN agent  
 Driver's passive night vision periscope  
 Driver's day-night drive back camera  
 Digital electronic supply, control and protection systems

#### Turret:

2-axis stabilized day-night integrated gunners sight  
 Passive night vision periscope  
 Digital fire control system  
 Soft-Kill protection system with smoke grenade launchers  
 Additional reactive armor  
 Fire suppression system with DeuGEN agent  
 Digital internal, external communication system, integrated with BMS system  
 Co-axial and Anti-Aircraft firearms changed to NATO calibre standard

### Additional features:

#### Chassis:

1000-1200[HP] engine with automatic transmission, Power-Pack  
 Driver's day-night camera as primary sight, day-night periscope as back-up.  
 Additional passive armour protection  
 Hard-Kill protection system  
 Air-conditioning system with independent drive  
 Modernized auto-loader system

#### Turret:

Modernized main gun of 125/L48 type, increased accuracy as well as penetration capabilities.  
 Commander's day-night integrated gunners sight (Hunter-Killer or Killer-Killer mode )  
 Digital stabilization system  
 Omnidirectional day-night observation system  
 Hard-Kill protection system  
 Beacon recognition system



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