

DATA SHEET OF MAIN BATTLE TANKS BELOW 55t WEIGHT CLASS | BY @Horus: Pakistan Defence Forum | Data: Official OEM Specifications (2018)

Specs	Al-Khalid-1 : Pakistan	T-90 Bhisma: Russia	Type-10: Japan	T-84 Oplot: Ukraine
Weight	48 tonnes	51 tonnes	44 tonnes	51 tonnes
Length	10.07 m	9.63 m	9.4 m	7.0 m
Width	3.50 m	3.78 m	3.24 m	3.4 m
Height	2.40 m	2.22 m	2.3 m	2.8 m
Engine	6TD-2 1200hp	V-92S2 1000hp	V-8 1200hp	6TD-2 1200hp
P to W Ratio	26.1 hp/tonne	20.4 hp/tonne	27 hp/tonne	24.7 hp/tonne
Transmission	Hydraulic / Manual	Rear / Manual	CVT Hydraulic / Manual	Automatic
Suspension	Shock Absorber Torsion Bar	Torsion Bar	Hydropneumatic Suspension	Torsion Bar
Speed	72 km/hr	60 km/hr	70 km/hr	70 km/hr
Range	500 km	550 km	480 km	500 km
Crew	03	03	03	03
Main Gun	125mm smoothbore	125mm smoothbore	120mm smoothbore	125mm smoothbore
Machine Gun	Coaxial 7.62mm, 7100 rounds	PKMT 7.62mm, 3000 rounds	M2HB 12.7mm,	Coaxial 7.62mm, 1250 rounds
Anti Aircraft	Remote Firing 12.7mm, 1000 rounds	Remote Firing 12.7mm, 300 rounds	Type 74 7.62 mm	12.7mm, 450 rounds
Anti Tank Missile	AT-11 Sniper	9M119M	LAHAT Compatible	AT-11 Sniper-B
Magazine	49 Rounds	43	42	46
Autoloader	Solid State Autoloader	Yes	Yes	Yes
Rate of Fire	~ 9 Rounds/Minute	~ 8 Rounds/Minute	6-8 Rounds/Minute	~ 8 Rounds/Minute
Night Vision	Yes	Yes	Yes	Yes
Hunter Killer	Yes	Yes	Yes	Yes
Armor	Composite RHA, ERA	Steel Composite	Modular Composite Armor	Steel Composite, Nozh-2 ERA
Active Protection	VATRA APS	Shtora-1 Passive / APS	Under Development	Zaslon APS
FCS	Digital FCS	1A4GT FCS	Digital FCS	Digital FCS
IBFMS	Rehbar IBFMS	No: Available for T-90MS	Digital IBMS	Available
Laser Range Finder	NDYAG	1G46	Laser Range Finder	Laser Sensors
NBC Protection	Yes	Yes	Yes	Yes
Early Warning	ATCOP LTS786P	Laser Warning	Laser Warning	Vatra
IR Cloaking	IR/Optical Stealth	Yes	Available	N/A
C4ISR Integration	RAABA / LINK-17	No: Available for T-90MS	Yes	Under Development
Cost: US Dollars	\$ 5.8 million	\$ 4.5 million	\$ 9.0 million	\$ 5.0 million