

Other Nimda Projects:

T-72

Nimda modern Power-pack for T-72 tank



Main character

- * Nato – compatible 1000 HP Power-pack.
- * Greater increase in reliability & easy operation
- * 60 minutes replacement time in battlefield condition.
- * Automatic shift transmission
- * Great mobility improvement & easy driving

M-113 A3 (N-2000)

Nimda Power-pack with Allison Transmission, Total upgrading & modernization program



Main character

- * Automatic, Electronic Allison Transmission 3000 series
- * DDC 6V53T Engine
- * Upgraded Systems: Cooling, Air intake, Exhaust, Braking & Suspension.

ACHZARIT

Nimda new Power-pack for the Israeli HAPC



Main character

- * Highly protected heavy APC
- * Superior cross-country mobility and agility
- * Operating RAFAEL remote-controlled weapon stations (RCWS)
- * Mounting & dismounting troops at the rear side of the hull, via a protected hydraulically

M-60

Nimda offers 2 powerpack versions for M-60 based on the 1200 HP and 908 HP.



Main character

- * Great reliability improvement
- * Improved protection/survivability
- * Improved Firepower

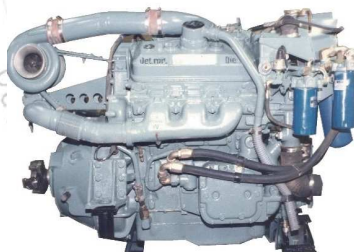
PT-76



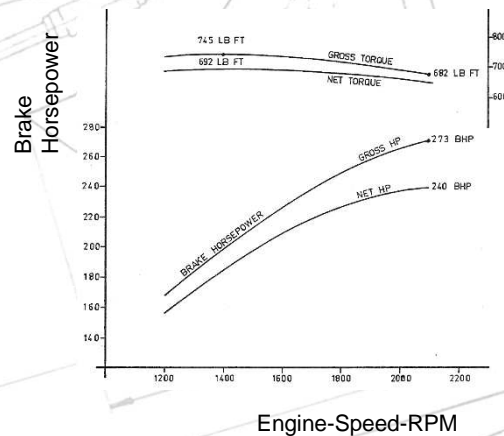
Nimda has carried out a program to westernize and modernize BTR-2000 amphibious armoured personnel carrier and PT-76 amphibious light tank. Providing new weapon station such as a new 90mm gun, a new powerpack, electronic fire control system, night vision, electric turret control system and an automatic fire extinguishing system. The upgrade program includes:

- New Engine
- Mobility improvement
- Reliability improvement
- New 90mm gun
- New F.C.S and T.C.S

MTU/DDC Engine or alike



Engine power & torque characteristic



Optional - X-200 Transmission



PT-76 Assembly workshop








CMI DEFENCE

90mm MK3

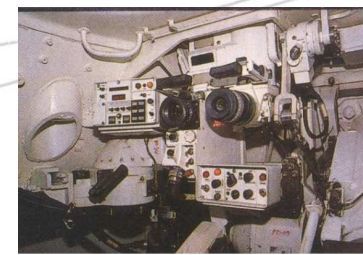


The Cockerill 90mm medium pressure gun is the most powerful 90 mm gun ever fielded on vehicles in the 10 to 20 ton GVW class. Rifled for accuracy, the weapon is designed to impart a very low recoil force in order to maintain the stability and safety of even lighter firing platforms. The gun provides a very effective anti-armour capability combined with a general-purpose capability based on HE ammunition.

90mm MK3 Ammunition - Performance

	HEAT	HE	SMK	APFSDS	HESH
					
Muzzle Velocity	865 m/s	700 m/s	720 m/s	1,150 m/s	800 m/s
Range	> 2,000 m	> 2,000 m	200 m	> 2000 m	> 2,000 m
High Explosive	600 gr	1,000 gr			1,300 gr
Penetrator				2.0 kg	
Lethal Area (Standing targets)		210 m ²			< 210 m ²
Penetration (RHA @ 60° 1 km)	> 130 mm			> 100 mm	
Payload	Octol	Comp B	Steel Ball	Tungsten	Comp A3
Muzzle Energy	1.68 MJ	1.25 MJ	1.25 MJ	1.00 MJ	1.38 MJ

Fire Control System



Turret Control System

