

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-41

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



Main character

- * Great reliability improvement
- * Improved & upgraded main tank systems
- * Improved first round hit probability
- * Allows firing on moving targets

BMP-II



UPGRADED INFANTRY FIGHTING VEHICLE

Nimda Co. Ltd

Lev Pesach St., North Industrial Zone
P.O.B 768, Lod, Israel 71106

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Mail: info@nimda.co.il ; Web: www.nimda.co.il

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Data of vehicle:

Type of vehicleTracked, armored,
amphibian
MarkBMP-II
Weight of vehicle13.5+2% ton
Crew3 men
Squad6 men

Speed

Maximal speed on the road66 km/h
Maximal speed by floating: forward.....7 km/h min
Maximal speed by floating: backapprox. 2 km/h

Service data

Travel range600 km

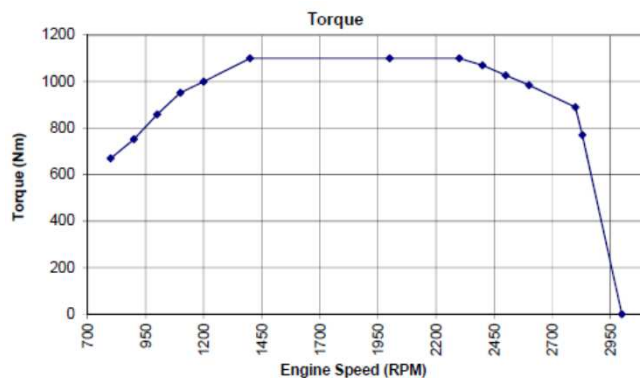
Main dimensions

Length6.735 mm
Width2.940 mm
High (turret included)1.924 mm
Width of track2.550 mm

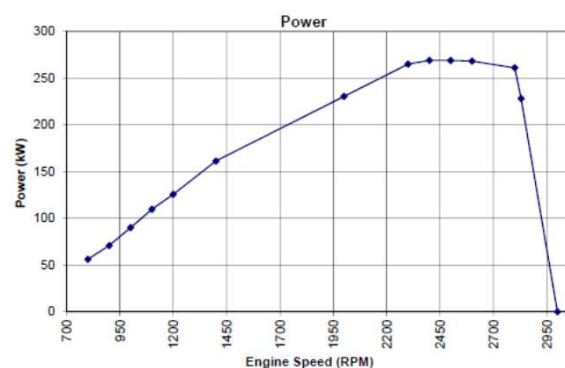
Obstacles passing over

Maximal gradeability (climbing).....60%
Horizontal obstacle.....2.5 m max.
Vertical obstacle.....0.7 m max.

Cummins Torque Output chart



Cummins Power Output chart



Nimda proposes a new Powerpack, an integration of:

Cummins Engine:

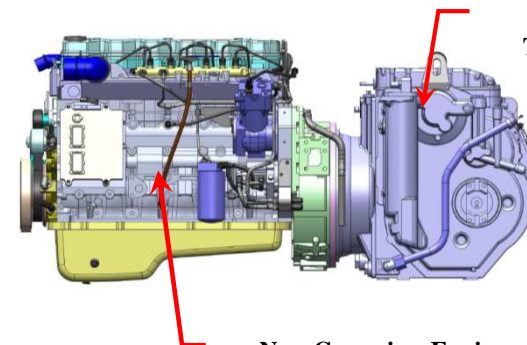
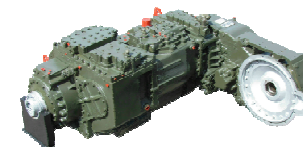
Cummins ISB 6.7L
Power: 360 Hp

Allison Transmission

XTG 411
Power: up to 1000 Hp

Allison Transmission :

X-200
Power: Up to 400 Hp



New Cummins Engine

New Transmission

	ORIGINAL	OPTION #1	OPTION #2	OPTION #3
ENGINE	Barnaul - Diesel 6V 285 hp @ 2600 rpm	Cummins ISB 6.7L 360 hp @ 2800 rpm	DEUTZ 400 hp @ 1900 rpm	DEUTZ 450 hp @ 1900 rpm
TRANSMISSION	MANUAL Five Speed ratios	ALLISON AUTOMATIC X200-4C	ALLISON AUTOMATIC X200-5C	ALLISON AUTOMATIC XTG 411
FINAL DRIVE	RATIO 5.5	ORIGINAL	ORIGINAL	ORIGINAL

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