

# AIRPAN

HOWITZER 155

ASFAT



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# VEHICLE SPECIFICATIONS

## DIMENSIONS

Combat Weight: 32-38 tons per configuration  
Length: 13m  
Height: 3.46m  
Width: 3.24m

## MOBILITY

8X8 Chassis  
Road range: 600km  
Road speed: 80km/h  
Off-road/trail speed: 50km/h  
Forward slope: 31%  
Side slope: 25%  
Fording: Up to 1m  
Trench crossing: 1.50m  
Central Tire Inflation system

## POWER PACK

Engine: 447 kW (600 Hp) @ 2000 rpm  
Engine torque: 2508 Nm @ 1100 rpm  
Transmission: Fully Automatic 7 F/1 R

## TIRES

14.00 R 20 & 10 x 20"  
CTIS (Central Tire Inflation System)

## PROTECTION

Protected cab and upper structure:

- o Up to level 3 (ballistic)
- o Up to level 2 (mines)
- o IED protected

## OPTIONS

Secondary weapon station: automatic or manual turret (7.62mm / 12.7mm)  
Self-Recovery Winch  
Smoke discharger  
Electronic Counter Measures  
Run-flat  
Automatic fire suppression system both in cabin and engine compartment

## FIREPOWER

### a. Superstructure

Fully armored superstructure  
Up to 24 complete rounds ammunition and charge  
Computerized superstructure control & monitoring system

### b. Weapon

Caliber: 155mm/ 52 cal.  
155mm/ 52 cal. ordnance (23-liter chamber compliant with Joint Ballistic MoU)  
Ammunition loading type: Manual / semi-automatic  
Max. Elevation: +1223±5 artillery mil  
Min. Elevation: -53±5 artillery mil  
Traverse: ±302 artillery mil  
Ammunition/Range

- o 18 km with M107 (HE)
- o 30 km with M549A1 (HE)
- o 40 km with MOD 274

### c. Fire Control System

- Ballistic computer (located in and out of the vehicle), fully compatible with customer's existing C4I system
- Integrated with system command and control at all levels
- Inertial Navigation System for land navigation and gun laying
- Muzzle Velocity Radar
- Thermal camera for direct firing

### d. Operational Characteristics

- Crew: 3 to 5 Men
- First round less than 30 seconds
- Rate of fire: 6 rounds per minute
- Direct firing day and night
- In/out action: up to 120 seconds

