



RCH 155

155MM/52 CAL. FUTURE INDIRECT FIRE

CHARACTERISTICS

- **Highly-mobile, armoured wheeled howitzer** with unmanned fully automated and remote controlled Artillery Gun Module (AGM) on combat proven BOXER chassis
- **Superior range and area coverage** by 360° target engagement at all ranges up to qualified 54 km (V-LAP); prepared for future ammunition
- **Utmost “Shoot and Scoot 2.0” capability** by firing on the move, real MRSI (“Multiple Rounds Simultaneous Impact” within 2 sec.) and engagement of moving targets
- **Autonomy in navigation and fire control**
- **Fully automated gun laying and loading** of projectiles and modular charges with inductive fuze setting
- **Reduced number of crew** (2)
- **High reliability** (mature technology and subassemblies based on PzH 2000 and BOXER / MIV)
- **Options** for day/ night 360° surveillance, self-protection and direct firing in “Hunter / Killer” mode
- **Network based system-architecture** with e.g. growth potential for unmanned operation and future shells and fuzes

TECHNICAL DATA

Length overall (without gun)	10.5 m (7.95 m)
Width	2.99 m
Height	3.60 m
Combat weight	< 39.0 t
Ground clearance	0.5 m
Engine power	Up to 600 kW
Maximum speed	100 km/h (road)
Range	> 700 km (road)
Cross / side slope	60% / 30%
Crossing ability	2.0 m
Turning circle	21 m
Step climbing ability	0.7 m

Fording	1.2 m
Main weapon	155 mm L52 (JBMoU)
Effective range	Depending on ammunition; e.g. up to 40 / 54 km (V-LAP) / 70 km (VULCANO); prepared for future ammunition
Projectile magazine	Projectile magazine 30 fuzed rounds
Charge magazine	144 modular charges
Fuze setting	Inductive fuze setting
Rate of fire	> 8 rounds /min
Effective gun range (without support legs)	Azimuth 360° (up to 6 modular charges) Elevation: -2,5° to +65°
Crew	2 soldiers in protected BOXER chassis; unmanned AGM
Protection	Ballistic, mine, IED, NBC