

FH77 BW L52

KEY FEATURES

The FH77 BW L52 – Archer - is a modern self-propelled autonomous artillery gun system, which can be utilised across the full spectrum of conflict. Its reliability, high degree of survivability, significant range of effects and precision engagement provides the users on the battlefield with an entirely new type of indirect fire capability.

Archer is a modern artillery gun system that can be utilised across the full spectrum of conflict. Its reliability, high degree of survivability, significant range of effects and precision engagement provides the users with an entirely new type of indirect fire capability. Archer, together with an extensive ammunition portfolio, brings the artillery onto the international arena. An auto-

nous gun like Archer can operate independently on the fragmented battlefield and cope with a variety of threats.

The system requires minimum manpower operation. One person can do the work alone, but in order to achieve the maximum effect of the system, three operators are recommended. When sitting inside the cabin the gun crew is protected from splinter, mines, NBC and the gun's emergent properties like noise and pressure. Unlike many other artillery gun systems the Archer crew is separated entirely from the armament and the ammunition. They do not have to leave the protected cabin when operating the system – except for maintenance. These features considerably increase the crew survivability.

Significant features:

- Good all-terrain mobility
- Transportable by rail, sea and air
- Excellent protection
- Great weapon capability due to range, precision and methods
- Interoperable with western artillery standards
- Very low operational and maintenance cost





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Mobility

Drive	6x6
Max. road speed	70 km/h
Cruising range	400 - 500 km
Fuel tank	400 l
Max. longitudinal slope	30°
Max. lateral slope traverse	28°
Fording	0,75 m
Ground clearance	0,45 m
Engine output	242 kW

Dimensions

Width	3.0 m
Height	3.3 m
with Lemur	4.0 m
max elevation	10.5 m
Length	14.1 m
Weight	app. 30 tonnes

Firing

Calibre	155 mm
Barrel length	52 calibre
Chamber volume	25.4 dm ³
Elevation	0° to + 70°
Traverse	-75° to + 75°
Projectile magazine	20 rounds
Charge magazine	18 charges
Rate of fire, momentary	3 rounds/13 s
Intensive fire	20 rounds/ 2.5 min
Sustained fire	75 rounds an hour

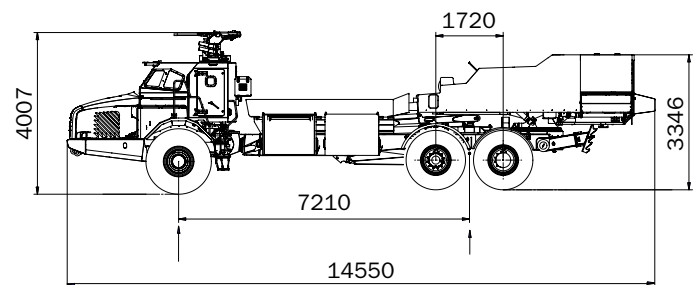
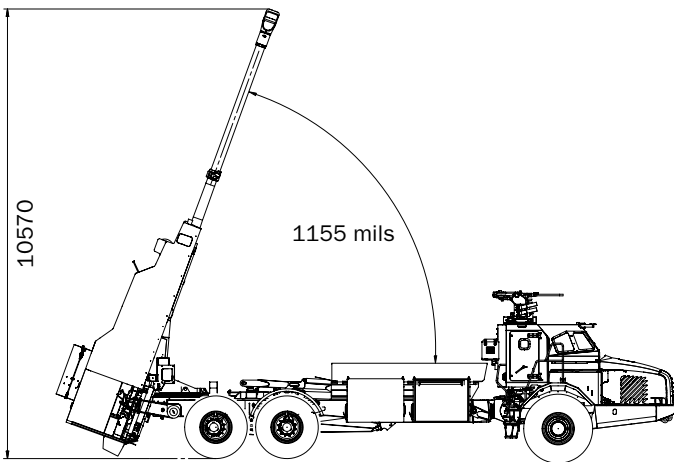
Range

HEER 40	> 40 km
Bonus	35 km
Excalibur	< 60 km
Into action	< 30 s
Out of action	< 30 s
MRSI	Up to 6 rounds
Direct fire	Day and night capability

Secondary armament

Others

Surveillance	Day and night capability
Protection (optional)	12.7 mm Heavy machine gun Grenade launcher Smoke launchers
Indirect fire control	Day and night capability



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