

The Mortar Company.

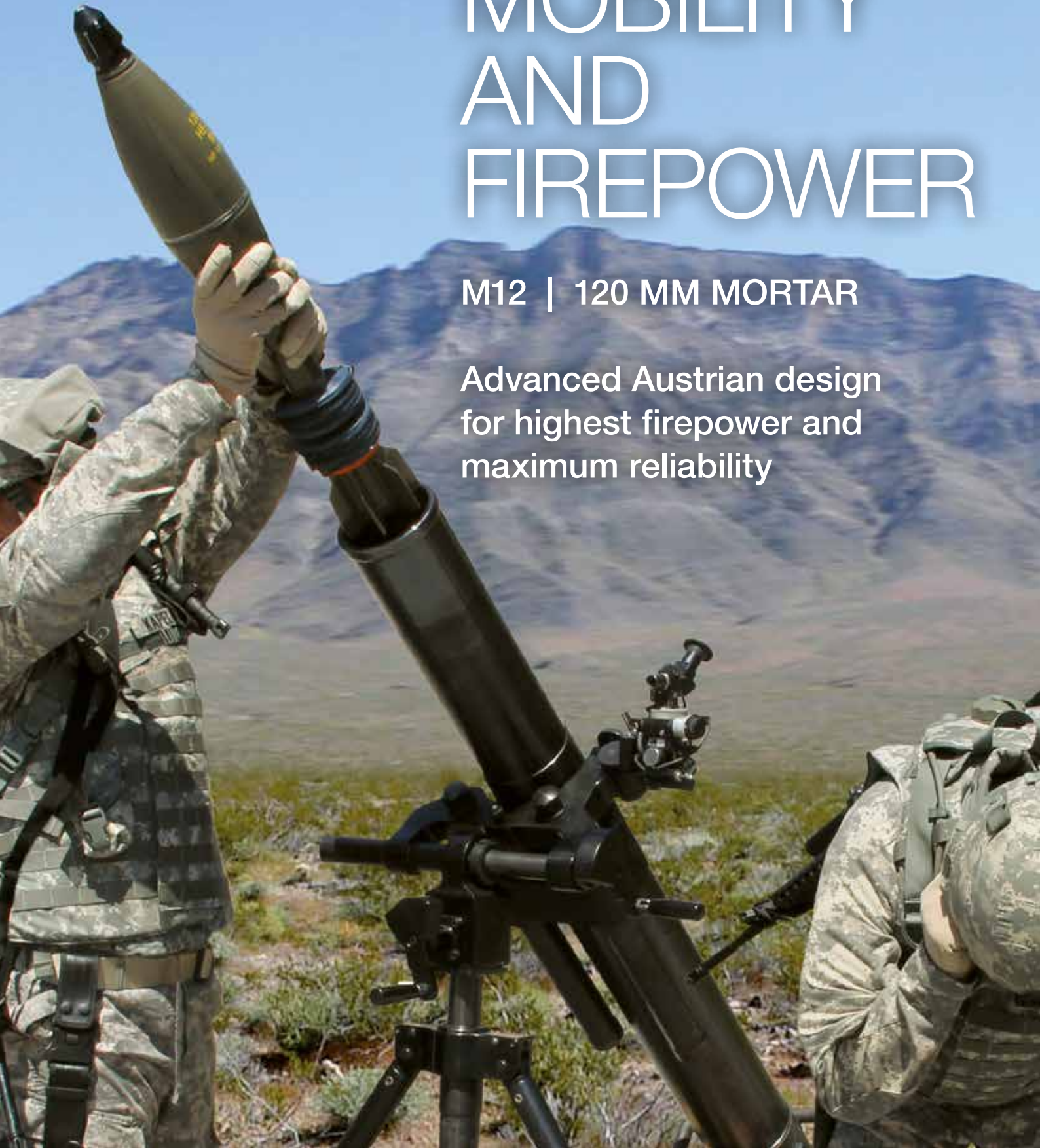


**hirtenberger**  
Defence Systems

# MOBILITY AND FIREPOWER

M12 | 120 MM MORTAR

Advanced Austrian design  
for highest firepower and  
maximum reliability



# MOBILITY AND FIREPOWER

## M12 – 1385 | M12 – 1535

### 120 MM MORTAR

The mortar M12 of 120 mm calibre has been jointly developed with the Austrian Army. It meets all requirements as mobility, reliability and fire power in the modern battlefield. This mortar is usually mounted on a towed trailer, but it can also be employed in vehicles.



#### BIPOD

The bipod carries the barrel clamp, shock absorbers, damper rings, traversing, elevating, and cross levelling gears and the bipod legs with spikes and cross struts. The buffer springs are made of stainless steel, the damper rings of rubber. All gears are made of stainless steel and protected against water and dust.

#### BASE PLATE

Designed for highest stability on all kinds of terrain and ground, it is made of welded steel and has six ribs and vents to ensure the desired result.

#### BARREL AND BREECH CAP

The barrel is made of high-strength ESR special steel. It is forged, heat-treated and machined to close tolerances. The forged breech plug is screwed into the barrel. A specially developed sealing ring guarantees gas-tightness. The firing mechanism can be switched from fixed to triggered firing. A safety lever is provided on the breech to avoid inadvertent firing. The breech ball fits into a socket in the centre of the base plate, where it is fixed by a bayonet nut.

| TECHNICAL DATA                         | M12 – 1385     | M12 – 1535     |
|--|----------------|----------------|
| <b>Calibre</b>                         | 120 mm         | 120 mm         |
| <b>Max. range*</b>                     | 8100 m         | 9000 m         |
| <b>Max. rate of fire</b>               | 15/min         | 15/min         |
| <b>Max. operating gas pressure</b>     | 190 MPa        | 190 MPa        |
| <b>Weights:</b>                        |                |                |
| <b>Total weight with trailer</b>       | approx. 637 kg | approx. 750 kg |
| <b>Total weight in firing position</b> | 252 kg         | 265 kg         |
| <b>Barrel</b>                          | 82 kg          | 95 kg          |
| <b>Bipod</b>                           | 50 kg          | 50 kg          |
| <b>Base plate</b>                      | 120 kg         | 120 kg         |
| <b>Dimensions:</b>                     |                |                |
| <b>Length of barrel (overall)</b>      | 1750 mm        | 1900 mm        |
| <b>Ballistic length</b>                | 1385 mm        | 1535 mm        |
| <b>Diameter of base plate</b>          | 1100 mm        | 1100 mm        |
| <b>Length of carriage</b>              | 3700 mm        | 3700 mm        |
| <b>Width of carriage</b>               | 1780 mm        | 1780 mm        |

\*with Hirtenberger HE Mk2  
Due to continuous technical improvement this product is subject to modification



**Trailer:** The advanced design of the trailer allows to bring the ready assembled mortar into the firing position within 45 sec.