READY FOR FUTURE DECADES

M113 MODERNISATION
### M113 MOBILITY

**M113 G2+**  
The maintenance upgrade:  
- Modernisation within maintenance work  
- 1:1 exchange of the powerpack in an M113 A2  
- Use of COTS parts  
- Modern engine & automatic transmission  
- Fulfilment of environmental requirements  
- Increased acceleration and vehicle speed  
- Improved GVW of 13 tons

**M113 G3**  
The German approach:  
- Use of COTS and MOTS parts  
- Powerful German engine and transmission  
- Increased acceleration and vehicle speed  
- New braking and steering system  
- Increased braking performance with pivot turn function  
- High ergonomics: re-designed driver’s compartment, intuitive drive operation  
- Improved GVW of 15 tons

**M113 G4**  
More space for any mission:  
Similar to the M113 G3 plus  
- Vehicle hull extension (6 road wheels), extension provides 2 additional crew seats  
- Improved suspension system with additional road wheel pairs offers a very high cross country mobility  
- Raised roof to increase internal volume  
- Improved GVW of 18 tons (or up to 20 tons)

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Type</th>
<th>M113 G2+</th>
<th>M113 G3</th>
<th>M113 G4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine output max.</td>
<td>221 kW</td>
<td>260 kW</td>
<td>260 – 300 kW</td>
</tr>
<tr>
<td>Torque max.</td>
<td>1,100 Nm</td>
<td>1,730 Nm</td>
<td>1,730 – 1,800 Nm</td>
</tr>
<tr>
<td>Speed max.</td>
<td>65 km/h</td>
<td>70 km/h</td>
<td>70 km/h (72 km/h)</td>
</tr>
<tr>
<td>Inner volume</td>
<td>8.3 m³</td>
<td>8.3 m³</td>
<td>10.1 – 12.5 m³</td>
</tr>
<tr>
<td>GVW</td>
<td>13 to</td>
<td>15 to</td>
<td>18 to (20 to)</td>
</tr>
<tr>
<td>Payload (max.)</td>
<td>2.4 to</td>
<td>4.4 to</td>
<td>6.2 to (8.0 to)</td>
</tr>
<tr>
<td>Pivot turn function</td>
<td>-</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Climbing ability</td>
<td>60 %</td>
<td>60 %</td>
<td>60 %</td>
</tr>
<tr>
<td>Lateral inclination</td>
<td>30 %</td>
<td>30 %</td>
<td>30 %</td>
</tr>
</tbody>
</table>
Crew safety

M113 PROTECTION

In response to the changing threat scenarios, FFG offers field tested and certified protection systems to counter the threat from mines, IEDs and RPG attacks by using active and passive protection systems. In addition FFG provides enhanced mine and blast protected seating, heating and air conditioning systems, NBC and fire suppression protection, and smoke grenade launchers. For self-defence, FFG offers a range of weapon stations.

M113 VARIANTS OF FFG:

- Armoured Personnel Carrier
- Command Post
- Reconnaissance Vehicle
- Ambulance
- Mortar Carrier
- Light Armoured Recovery Vehicle
- Cargo Carrier etc.

OPTIONS

FFG’s modular modernisation concepts permit the integration of various options, for example:

- Vehicle hull extension
- Roof extension
- Heavy duty suspension
- Rubber track
- Crane system
- Winch system
- Mine-roller system
- Camera system

Integration of comprehensive protection systems:

- Ballistic
- Mine
- IED
- RPG-7
- Fire extinguishing system
- Explosion suppression system
- Air conditioning
- NBC-protection system
- Camouflage with heat reduction
For over 25 years, FFG has been developing and integrating a programme of modernisation concepts for the M113 to fulfil current and future demands. Depending on the specific requirements of each project existing integration kits can be used or FFG can develop and manufacture bespoke systems to meet customer requirements (e.g. the crane and winch system for the Light Armoured Recovery Vehicle LARV M113). To date, FFG has modernised more than 1,500 vehicles that are in use extensively, for example in Germany, Denmark, Australia, Lithuania and Norway.

A key element of each modernisation project is the improvement of mobility. FFG has developed various solutions for all kinds of requirements.
AFTER-SALES SERVICE

Our mobile service teams are ready to support you world-wide in case of any problems. Spare parts are immediately available for dispatch.

Scan the QR code and get more information on the website of FFG.

www.ffg-flensburg.de

Contact us to discuss how we can help you.

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