

# SKYHIGH

NEW VEHICLE MAST SYSTEM

A military vehicle, possibly an armored personnel carrier, is shown from a rear three-quarter view, driving along a winding dirt road in a desert landscape. The vehicle is equipped with a tall, slender mast system that extends high into the sky. The scene is set during sunset or sunrise, with a warm, golden-orange glow filling the sky and the desert dunes. The vehicle's wheels are kicking up a small amount of dust, and the overall atmosphere is one of ruggedness and operational readiness.

**MAST  
SYSTEM**

# SKYHIGH

SkyHigh – our newest innovation on tactical vehicle masts. Being smarter and more versatile, SkyHigh makes it possible to lift heavier payloads faster when there is no time to waste. 20 m mast is deployable in less than 2 minutes. Save space with SkyHigh’s compact footprint. Compared to its compact size, SkyHigh mast system has excellent lifting capability up to 600 kgs top loads, depending on mast performance requirements.

SkyHigh can be installed inside or outside your vehicle or shelter with several mounting options. Mechanical structure guarantees reliable performance with minimal maintenance and low lifecycle cost. SkyHigh has intelligent built-in maintenance diagnostics and its maintenance friendly structure of the mast system has been designed to have long maintenance intervals.

Designed and manufactured according to MIL STD 810G and MILSTD 461 F for harsh environments to withstand all weather conditions.

| MAST TYPE     | EXTENDED HEIGHT (M) | RETRACTED LENGHT (M) | SECTIONS (PCS) | MAX. TOPLOAD (KG) | DEPLOYMENT TIME (MIN:S) |
|---------------|---------------------|----------------------|----------------|-------------------|-------------------------|
| SH333/2,5-1,7 | 2,5                 | 1,7                  | 2              | 600               | 0:40                    |
| SH333/3-1,4   | 3                   | 1,4                  | 3              | 400               | 0:40                    |
| SH333/6-2,1   | 6                   | 2,1                  | 4              | 350               | 1:00                    |
| SH333/8-2,3   | 8                   | 2,3                  | 5              | 263               | 1:10                    |
| SH333/10-2,4  | 10                  | 2,4                  | 6              | 191               | 1:10                    |
| SH333/12-2,8  | 12                  | 2,8                  | 6              | 161               | 1:30                    |
| SH333/15-3,0  | 15                  | 3,0                  | 7              | 100               | 1:35                    |
| SH333/18-3,2  | 18                  | 3,2                  | 8              | 61                | 1:40                    |
| SH333/20-3,3  | 20                  | 3,3                  | 9              | 50                | 1:40                    |

Masts listed above are examples. Other lengths with different top load specifications are available at request.

Mastssystem Int’l Oy’s quality – and environmental management system fulfils the requirements of ISO 9001, ISO 14001 and AQAP 2110 standards. Masts and accessories have been proven to meet the environmental requirements in accordance with the MIL-STD 810 and DEF STAN 00-35.



Can’t find what you are looking for?  
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