

**ULTIMATE VERTICAL HEAVY-LIFTER  
FEATURING MOTORIZED PRECISION AND  
INHERENTLY SELF-LOCKING SAFETY FOR  
MISSION-CRITICAL RADAR AND  
ELECTRONIC WARFARE PAYLOADS.**



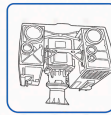
**ELINT**



**Integrated  
ISR System**



**JAMMING**



**Integrated C-  
UAS System**



## OUR USP'S

- The ultimate vertical heavy-lifter in the portfolio, specifically designed to safely elevate and stabilize massive top-loads weighing up to 350kg.
- Optimized for "on-the-quick-halt" vehicular operations, providing the fastest transition from movement to full operational readiness during short tactical stops.
- Supports full remote operation from the safety of an armored vehicle cabin or command shelter, protecting personnel during elevation and retraction.
- Inherently self-locking mechanical screw-drive mechanism prevents "back-driving," maintaining pinpoint height accuracy indefinitely without the need for external secondary locks.

## SALIENT FEATURES

- High-torque motorized screw-drive system achieves full extension within narrow tactical timeframes, essential for reactive deployment against emerging threats.
- Exceptional structural rigidity and high stiffness make this the ideal platform for phased array staring radars and high-precision electronic warfare equipment.
- Square pipes ensure section anti-rotation, which is critical for maintaining the orientation of high-gain directional antenna arrays.
- Ruggedized construction is fully MIL-STD certified for mechanical shock and vibration, ensuring mobility and durability on armored vehicles and mobile trailers.



## TECHNICAL SPECIFICATION

Model No.	Retracted (m)	Extended (m)	Head Load (kg)	Wind Area (m <sup>2</sup> )	Material Grade	No. of Guy Ropes
PMLS-350V-1.5M-5M-10	1.5	5	350	≤ 1.5	AL	-
PMLS-350V-1.6M-6.5M-10	1.6	6.5	350	≤ 1	AL	-
PMLS-150V-1.6M-8M-10	1.6	8	150	≤ 1	AL	-
PMLS-200V-2.5M-10M-10	2.5	10	200	≤ 1	AL	-
PMLS-150V-2.3M-12M-10	2.3	12	150	≤ 1	AL	-
PMLS-XX-X.YM-XYM-XX	Custom product available on request					



## ACCESSORIES

Payload Adapter | Vehicle Mounting Brackets | Earthing Kit: Pipe & Cable

AS 9100D Certified

**PRECISION ELECTRONICS LTD.**

*"We always know who we are working for"*

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