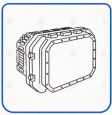


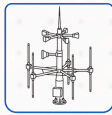
**HIGH-RELIABILITY MECHANICAL LIFTING SYSTEM PROVIDING FAIL-SAFE OPERATION AND SUPERIOR STRUCTURAL RIGIDITY FOR VEHICLE AND SHELTER ROOFTOP MOUNTING.**



Radar



Radio COM



COMINT



## OUR USP'S

- Fail-safe mechanical lifting architecture operates independently of pneumatic seals or air supplies, ensuring reliable performance across all extreme global weather conditions.
- Engineered as the preferred high-stability platform for tactical vehicle and shelter rooftop mounting, providing superior structural rigidity for "on-the-pause" operations.
- Exceptional sub-zero to desert temperature operational resilience allows for consistent payload elevation where pneumatic systems may suffer from seal fatigue or failure.
- Smooth cable-driven actuation provides jitter-free, incremental height control which is essential for the precise alignment of long-range EO/IR and surveillance gear.

## SALIENT FEATURES

- Heavy-duty mechanical drive supports the controlled elevation of sensitive communication and surveillance arrays weighing up to 120kg with absolute precision.
- Versatile drive options include silent manual hand-crank for covert operations or high-speed electric motors for rapid tactical deployment and retraction.
- Square pipes ensure section anti-rotation, maintaining critical directional RF accuracy for high-frequency data links and telemetry.
- Advanced integrated guy-rope controllers reduce the manpower required for setup, enabling a single operator to achieve total stability in high-wind conditions.



## TECHNICAL SPECIFICATION

Model No.	Retracted (m)	Extended (m)	Head Load (kg)	Wind Area (m <sup>2</sup> )	Material Grade	No. of Guy Ropes
<b>Light Duty Mast</b>						
PMWM-40V-1.5M-2M-10	1.5	2	40	≤ 0.7	AL	-
<b>Medium Duty Mast</b>						
PMWE-20V-1M-3M-10	1	3	20	≤ 0.13	AL	-
PMWM-100G-3M-9M-20	3	9	100	≤ 1	AL	3x3
PMWE-70V-2.5M-10M-20	2.5	10	70	≤ 0.75	AL	3x3
PMWM-65V-2M-5M-10	2	5	65	≤ 0.8	AL	-
<b>Heavy Duty Mast</b>						
PMWE-80V-1.45M-4M-10	1.45	4	80	≤ 1	AL	-
PMWE-45V-2.8M-18M-20	2.8	18	45	≤ 0.6	AL	3x5
PMWM-120T-2.8M-14M-20	2.8	14	120	≤ 1.1	AL	3x3
PMWE-50V-3M-21M-20	3	21	50	≤ 0.6	AL	3x5
PMWE-XX-X.YM-XYM-XX	Custom product available on request					



## ACCESSORIES

Base Plate | Tilting Cup | Nails | Pegs | Hammer | Guy Rope | Erection Stand | Carrying Cases: Soft/Hard

**AS 9100D Certified**

**PRECISION ELECTRONICS LTD.**

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

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Released On. PEL 18042026-D

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