

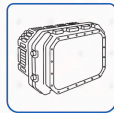
**PRECISION MECHANICAL DRIVE  
PROVIDING JITTER-FREE, MILLIMETRE-  
ACCURATE HEIGHT ADJUSTMENTS AND  
100KMPH TOPPLE-FREE STABILITY FOR  
ADVANCED STARING RADARS.**



Electro-Optic



Radio COM



Radar



## OUR USP'S

- High-precision mechanical rack and pinion drive replaces inferior winch systems to provide jitter-free, millimeter-accurate height adjustments for advanced electronic payloads.
- Engineered for absolute topple-free stability, remaining perfectly upright and operational even when subjected to severe 100 kmph operational wind speeds.
- The optimized support platform for phased array staring radars and telemetry systems, delivering the extreme stiffness required for precision data links.
- Provides an essential 400–600mm tactical height boost, perfectly calculated to raise sensitive sensors above ground-level signal interference and physical obstructions

## SALIENT FEATURES

- Industrial-grade hardened steel gears provide maximum resistance against wear and tear, ensuring a significantly longer operational lifecycle than standard gear systems.
- Ultra-compact multi-section telescopic central column retracts fully to achieve minimal stowage dimensions for rapid vehicle transport and easy storage.
- Millimeter-accurate height adjustment interface allows operators to fine-tune the elevation of sensitive gear to achieve the perfect tactical line-of-sight.
- Independent axis control on all three legs combined with built-in leveling ensures a perfectly flat radar platform on steep or rocky slopes.



## TECHNICAL SPECIFICATION

Model No.	Retracted (m)	Extended (m)	Head Load (kg)	Material Grade
PTE-70G-0.8M-1.8M	0.8	1.8	70	AL / CF
PTE-100G-0.8M-1.8M	0.8	1.8	100	AL / CF
PTE-150G-0.8M-1.8M	0.8	1.8	150	AL / CF
PTE-XX-X.YM-XYM	Custom product available on request			



## ACCESSORIES

Nails | Hammer | Carrying Cases: Soft/Hard & Tool-Kit

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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