

PM Transporter

Pneumatic Manipulators with Double Rope System



PM Transporter Double Rope Manipulators are designed for **ergonomic, safe, and efficient material handling** in industrial environments. The load is guided to the balancing unit via **two independent steel ropes**, enabling a **weightless working experience**.

Maximum Safety – Two independent steel ropes with separate braking systems

Weightless Operation – Near-zero effort required from the operator

Precise Positioning – Articulated arm with Double Rope guidance for full range of motion

Drift Control – Special brakes ensure secure and stable load control

Flexible Mounting – Can be installed on floor, ceiling, or rail systems

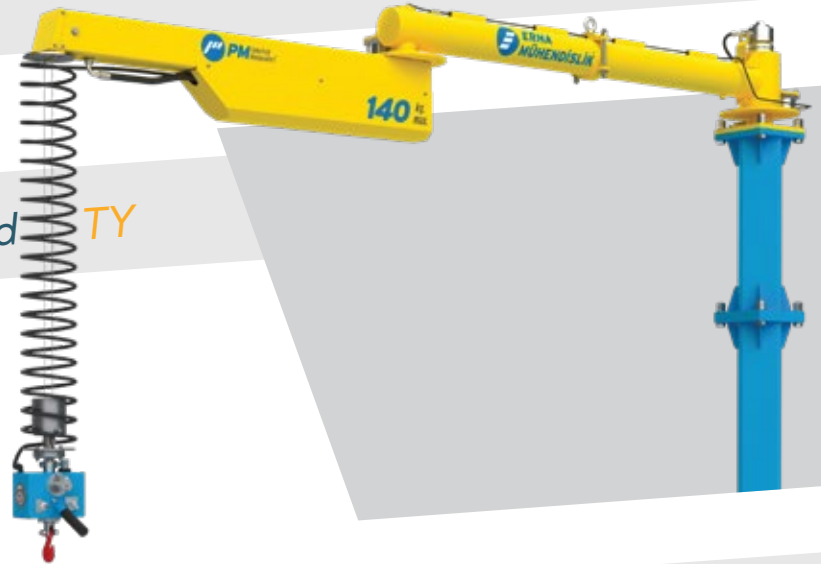
Gripper Options – Standard hook or custom gripper solutions

Operates with dry, filtered (40µm), oil-free compressed air at min. 0.7/0.8 MPa

Max. load capacity: **140 kg**, max. working radius: **4.500 mm**, vertical stroke: **1.800 mm**

Air consumption per cycle: **20-100 NI**

Transporter Column Mounted TY



Transporter Overhead Mounted TT



* Dimensions may vary depending on customer-specific requirements.

