



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

Mounting Options

Transporter Column Mounted



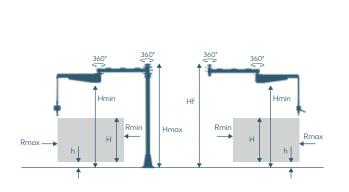


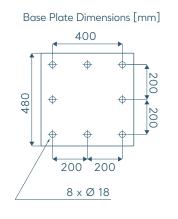
Transporter Overhead Mounted TT



Maximum Load Capacity [kg]		140	120	100	80
Max. Working Radius [mm]	Rmax	3000	3500	4000	4500
Min. Working Radius [mm]	Rmin	420	530	640	750
Vertical Stroke [mm]	Н	1800	1800	1800	1800
Min. Pick-up Height [mm]	*h	200	200	200	200
Max. Manipulator Height [mm]	*Hmax	3150	3150	3150	3150
Max. Ceiling Mounting Height [mm]	*Hf	3150	3150	3150	3150
Lower Edge of Main Body [mm]	*Hmin	2500	2500	2500	2500
* Dimensions may you depending an austomar specific requirements					

^{*} Dimensions may vary depending on customer-specific requirements.







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