



PM Supporter

Pneumatic Manipulator with Double Rope System

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Supporter Pneumatic Manipulators are designed to move operator-centered loads within the work area with minimum effort. It balances the weight of the load, allowing the operator to carry the load quickly and safely.

The balance of the load to be carried is provided by connecting two steel cables to the balance unit. Manipulators, either floor mounted or ceiling mounted. Manipulators are produced with standard hooks, but they can also be produced with special holders designed according to needs. The manipulator, which consists of two arms, has a total of two brakes on the arm rotation axis.

Works with dry, filtrated (40 μm) and oil free compressed air (min. 0.7/0.8 MPa).

60 kg max. weight capacity. **3.000 mm** max. radius. **1.600 mm** vertical lift.
21 nl/min max. air consumption.

Mounting Options

Supporter Column Mounted SY



Supporter Overhead Mounted ST



Supporter Overhead Trolley Mounted STA

Weight Capacity / kg

		60	35
Max. Radius / mm	Rmax	2500	3000
Min. Radius / mm	Rmin	190	200
Vertical Lift / mm	H	1600	1600
Min. Vertical Lift / mm	*h	200	200
Max. Height / mm	*Hmax	2525	2525
Max. Ceiling Height / mm	*Hf	2505	2505
Min. Height / mm	*Hmin	2000	2000

* Marked dimensions can change according to the customer request.

Mounting Plate Dimensions (mm)

