

PN Series

Traditional Industrial Manipulators

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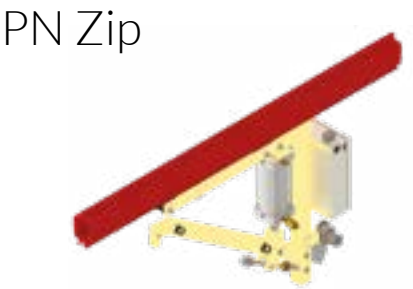
PN Series are traditional industrial manipulators featuring **full pneumatic operation**.

It is suitable for handling offset and/or very heavy loads.

PN units can be supplied either column, ceiling or overhead rail mounted.

Main features

- **Reliable**
Continuous product development using standard modules and components for improved safety and efficiency.
- **Safe**
Equipped with safety devices that maintain the grip on the load, even in the event of a total air loss. It is not possible to release the load when it is fully supported by the machine. When the control handle is released, a full set of brakes lock the machine and prevent further movement
- **Versatile**
It can be equipped with a wide range of bespoke tools operated pneumatically by grip or vacuum. Simple mechanical tools can also be used.



STANDARD MODELS		PN ERGO					
		PN80		PN160		PN250	
Gross capacity (including lifting tool)	kg	80	110*	160	210*	250	310*
Vertical stroke	mm	1752	1752	1716	1716	1451	1451
Arm length	mm	2700	2700	2700	2700	2605	2605
Offset handling: max. distance from the lifting tool Z axis	mm	300	-	300	-	500	-
Uncovered area	mm	907	907	935	935	900	900
Rotation around column axis	degrees	continuous					
Rotation around tool axis	degrees	standard: 550 optional: continuous					
Air pressure min.	bar	6.5					

*With counterweights and reinforcement for arm.

