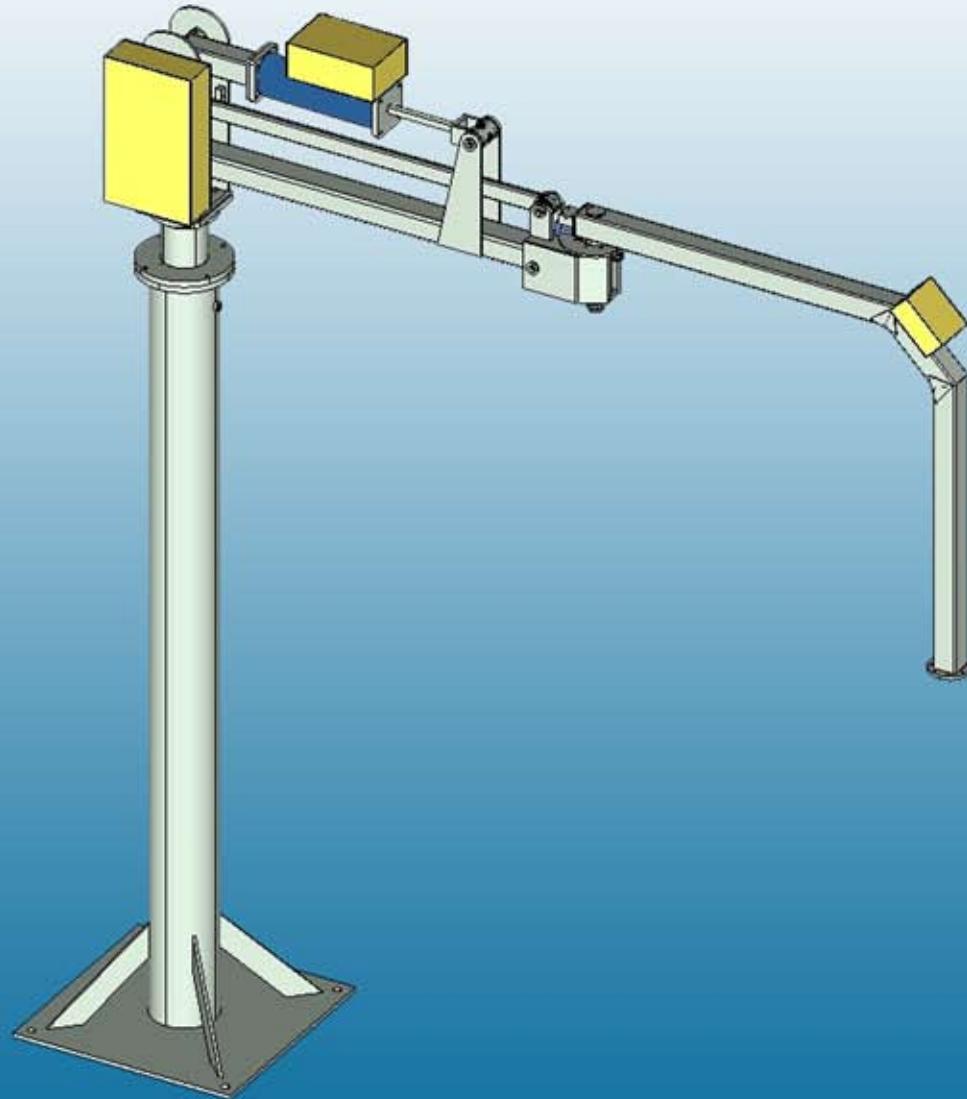


PNEUMATIC INDUSTRIAL ARM MANIPULATORS

MANIPULATOR 100 C 1.25

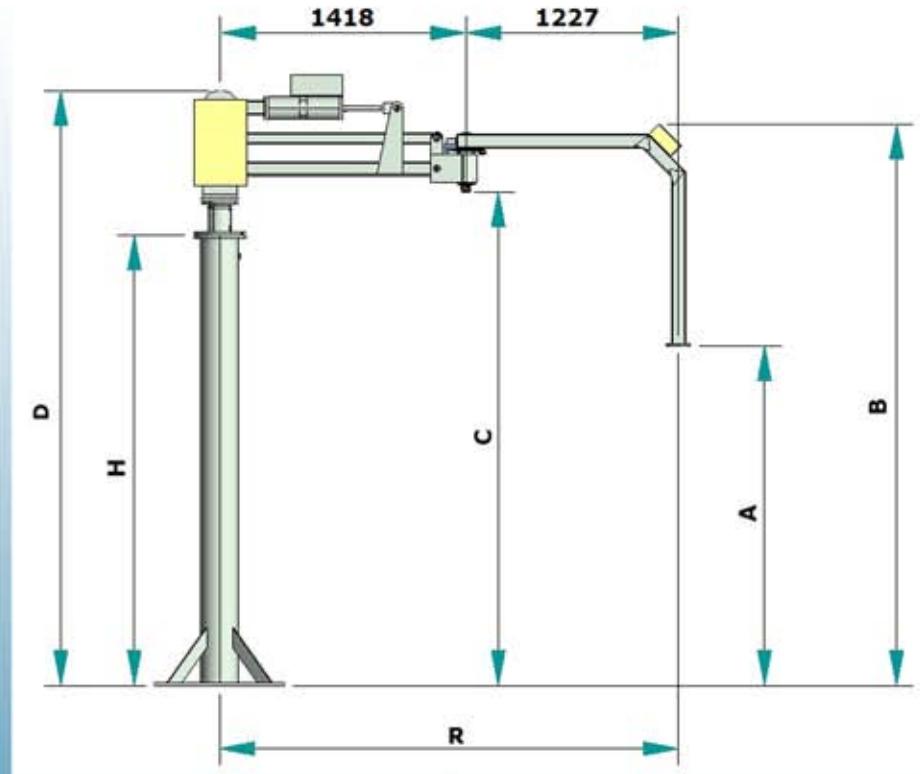


MANIBO s.r.l.
Workshop: Via Armaroli, 16/a-b
40012 Calderara di Reno BO

Tel. 051 6468143
Fax 051 6468179

Web: www.mani-bo.com
Email: manibo@mani-bo.com

PNEUMATIC INDUSTRIAL ARM MANIPULATORS



Technical characteristics:

- Pneumatic Supply 7 bar
- Capacity up to 100 kg
- Max working radius 2645 mm
- Rotation around the column 360° continuous
- Rotation between the arms 270°
- Max instant air consumption 250 NI/min
- Air consumption for one complete manoeuvre 28 NI

Dimensional data:

A_{max}	: H+193
A_{min}	: H - 1432
B_{max}	: H + 1465
C_{min}	: H - 542
D	: H + 835
R_{max}	: 2679
R_{min}	: 1060
R_{utile}	: 2371
H	: a scelta

Dimensions in mm

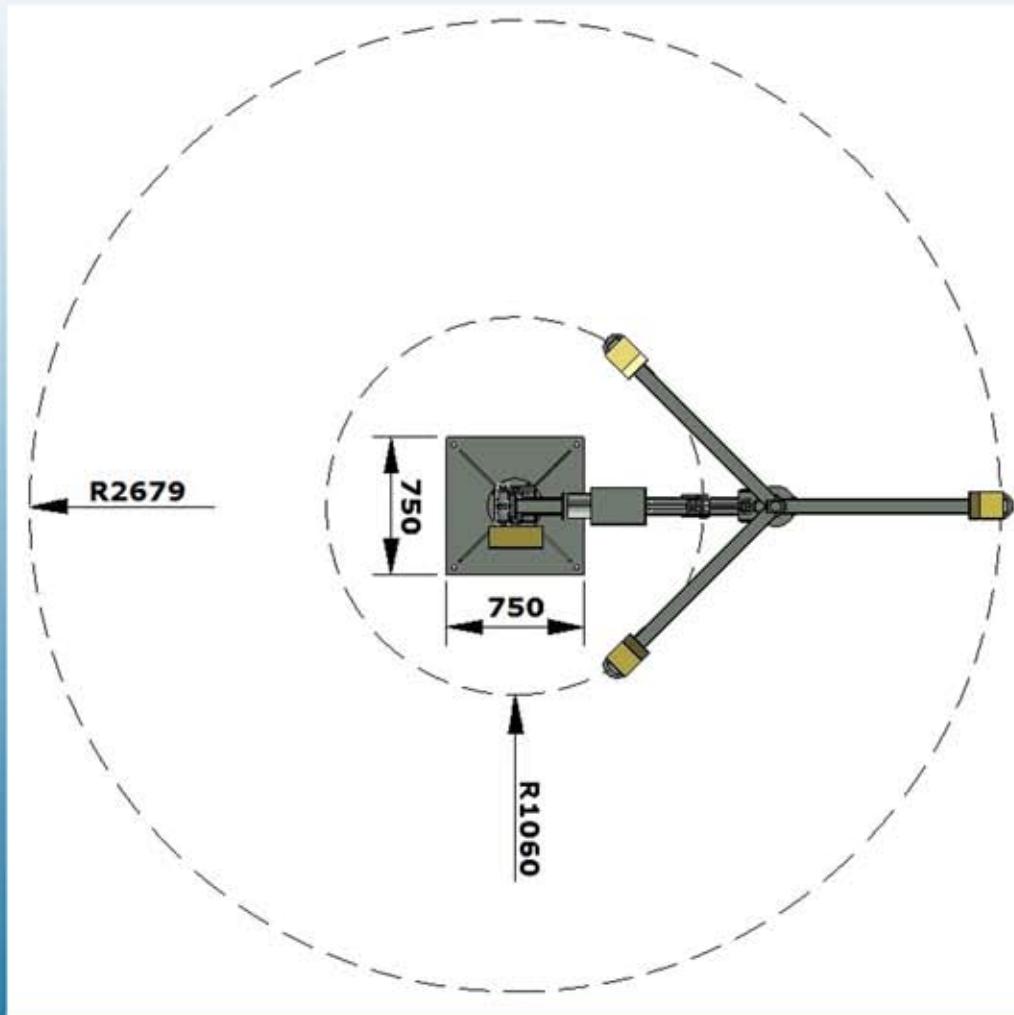


MANIBO s.r.l.
Workshop: Via Armaroli, 16/a-b
40012 Calderara di Reno BO

Tel. 051 6468143
Fax 051 6468179

Web: www.mani-bo.com
Email: manibo@mani-bo.com

PNEUMATIC INDUSTRIAL ARM MANIPULATORS

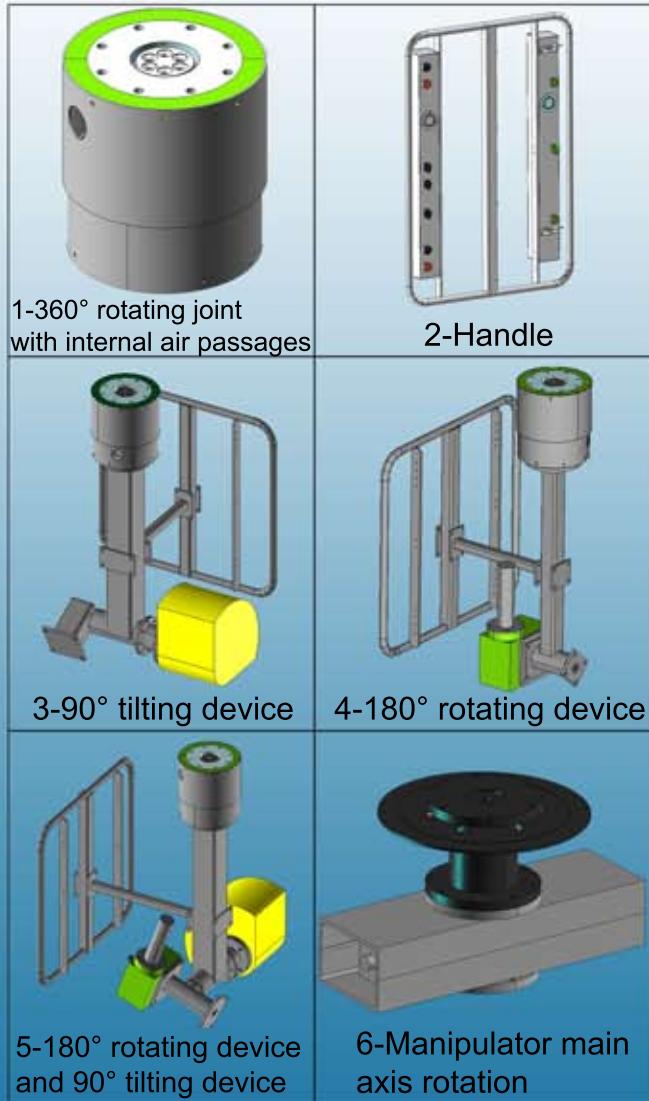


Base plate dimensions 750x 750 mm
Fixing to the ground by 4 bolts M20 x 240 mm

Safety devices:

- Valve to lock the arm and the handling attachment, if installed, in case of compressed air pressure failure
- Parking brakes on the articulations to prevent spontaneous movements of the arms
- Valve for the control of the descent in case of breaking of the pipe that feeds the lifting cylinder
- Optional installation of stops to limit the rotation of the arms

PNEUMATIC INDUSTRIAL ARM MANIPULATORS



ACCESSORIES

The manipulator can be supplied with a rotating joint or with a handling attachment custom designed and manufactured for a specific application.

1. 360° continuous rotating joint with 7 internal air passages, to connect the handling attachment to the manipulator arm, with free rotation around the vertical axis
2. Control handle on which are located both the controls of the manipulator and of the handling attachment. Supplied in different sizes and, if necessary, with double controls to ensure ease of use at different working heights.
3. 90° pneumatic tilting device to move parts from the horizontal to the vertical position and vice versa.
4. 180° rotation around the horizontal axis of the handling attachment, by non reversible pneumatic motor gear reducer.
5. Coupling of rotation and tilting movements.
6. Pneumatic powered rotation around the manipulator column main axis, allowing fully powered rotation.