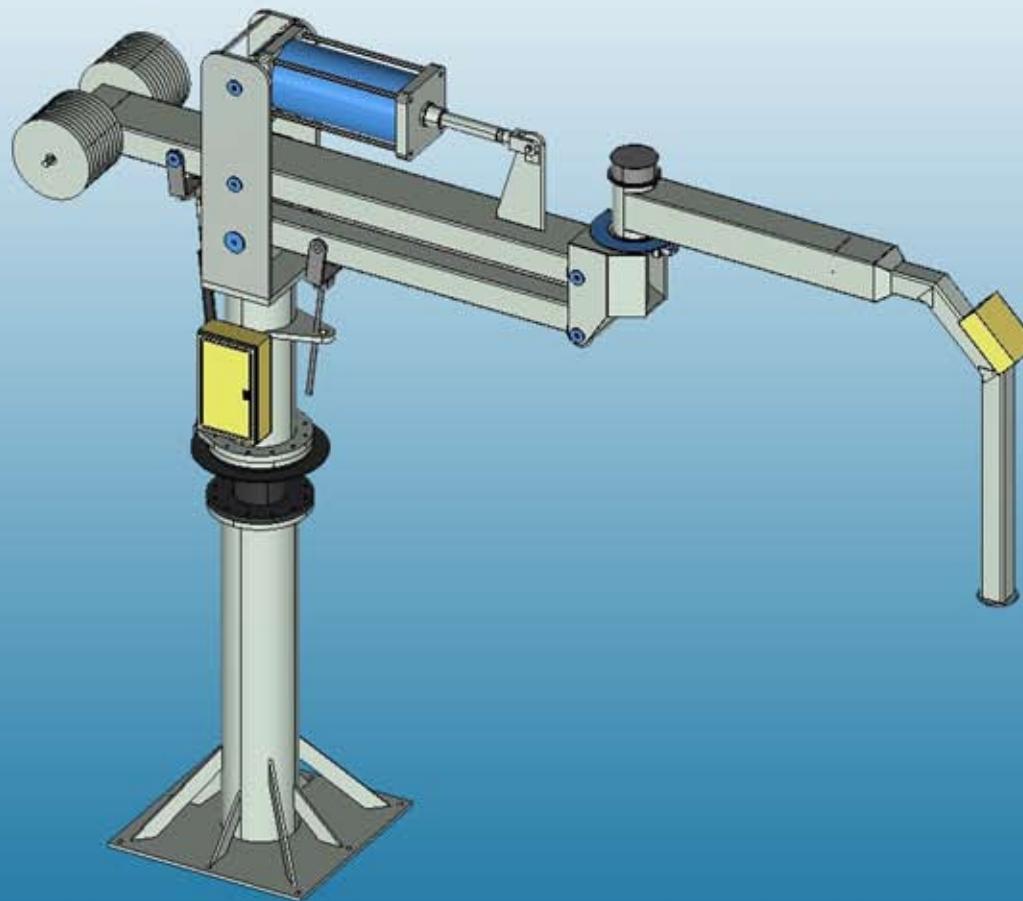


PNEUMATIC INDUSTRIAL ARM MANIPULATORS

MANIPULATOR 1000 C 1.75

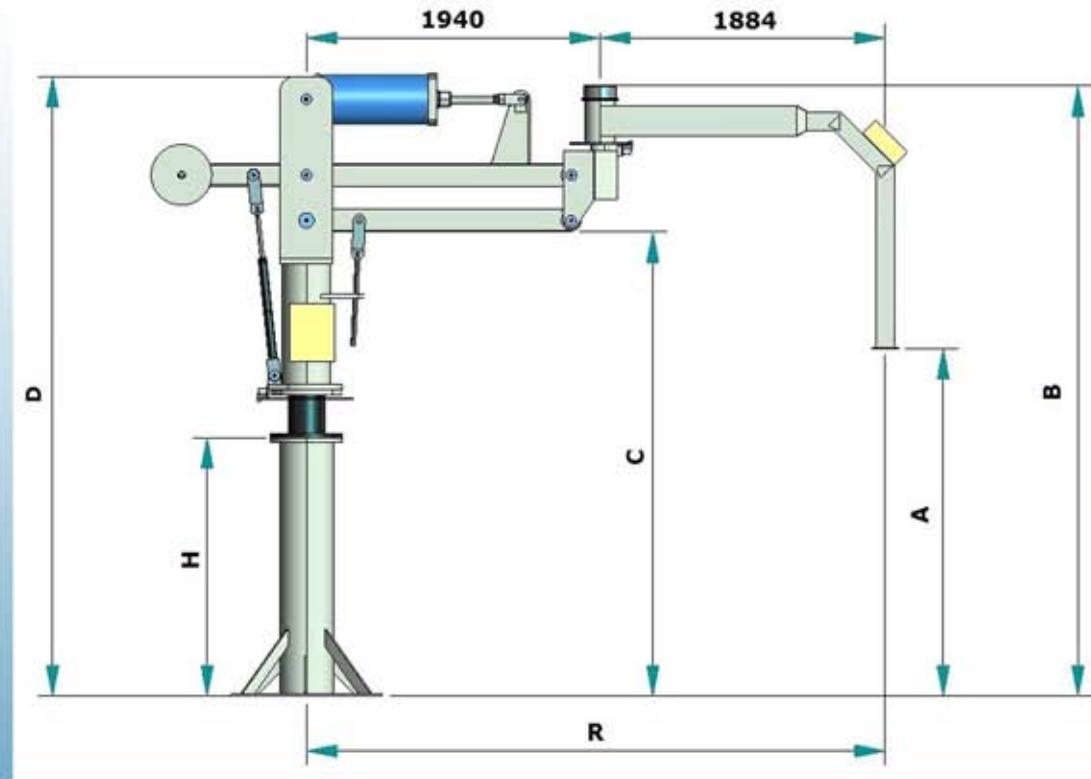


MANIBO s.r.l.
Workshop: Via Armaroli, 16/a-b
40012 Calderara di Reno BO

Ph. 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 1000 kg
- Max working radius 3824 mm
- Rotation around the column 360° continuous
- Rotation between the arms 270°
- Max instant air consumption 700 NI/min
- Air consumption for one complete manoeuvre 250 NI

Dimensional data:

| | |
|--------------------------|------------|
| A_{max} | : 1564 + H |
| A_{min} | : H - 365 |
| B_{max} | : 3300 + H |
| C_{min} | : H + 418 |
| D_{max} | : 2388 + H |
| R_{max} | : 3824 |
| R_{min} | : 1464 |
| R_{utile} | : 3548 |
| H | : a scelta |

measures in mm



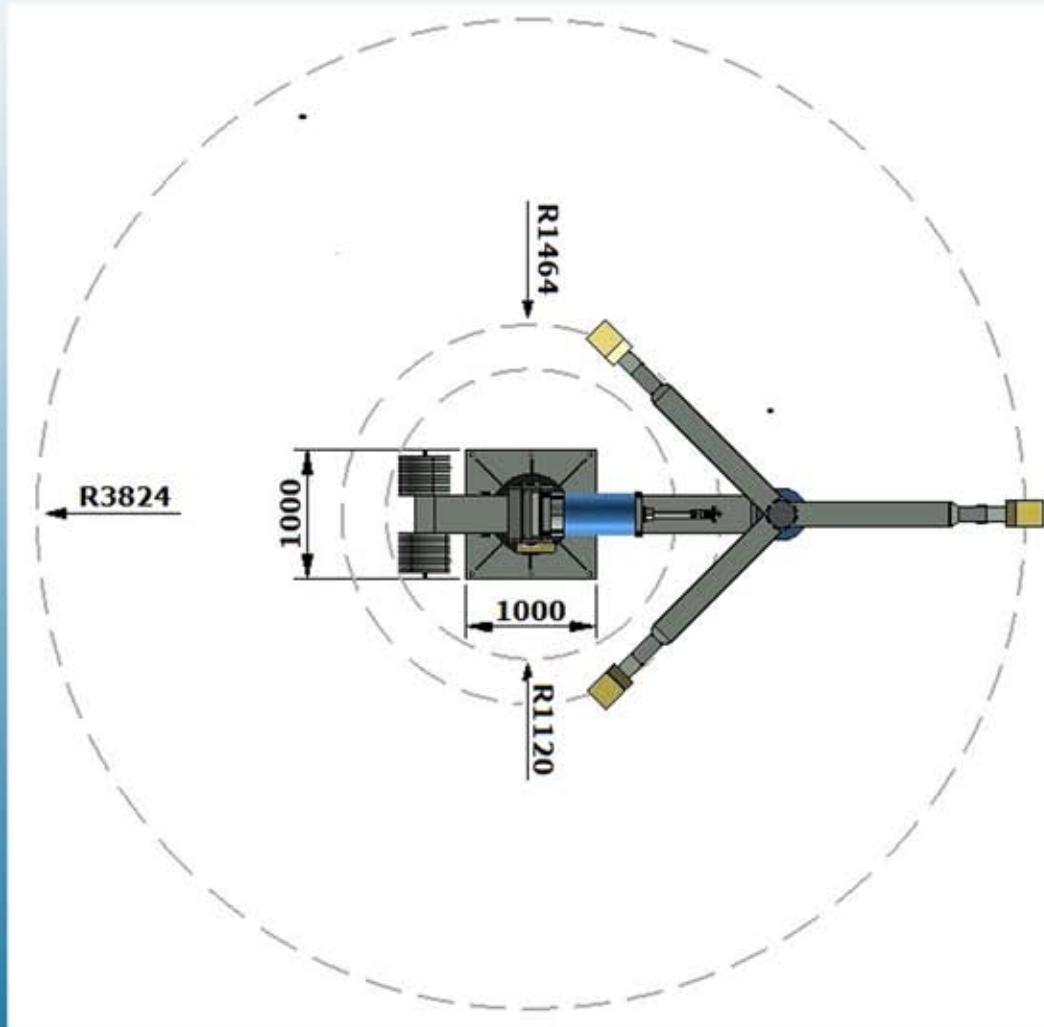
MANIBO s.r.l.

Workshop: Via Armaroli, 16/a-b
40012 Calderara di Reno BO

Ph. 051 6468143
Fax 051 6468179

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

PNEUMATIC INDUSTRIAL ARM MANIPULATORS



Base plate dimensions 1000 x 1000 mm
Fixing to the ground by 8 bolts M20 x 240 mm

Safety devices:

- Hydraulic cylinder to reduce the max lifting speed, also in case of wrong manoeuvres or quick change of the lifted load
- 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
- 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.