

**Air screwdrivers & nutrunners**



# CARTESIO

# CARTESIO



MORE ERGONOMIC



MORE PRACTICAL



MORE VERSATILE

NEW

CARTESIAN

ARMS



**Fiam**  
INDUSTRIAL AIR TOOLS

# New cartesian arms

## CARTESIO

These new efficacious mechanical devices permit operations requiring the use of screwdrivers, tappers and drills to be ergonomic, thus significantly reducing operator effort since:

- they eliminate any counterblow action on the operators hands;
- they eliminate the need for force in holding the tool;
- they drastically reduce or eliminate vibrations;
- they allow the maintenance of a good wrist position.

Likewise, they ensure **extremely high precision operation** since the tool is held perpendicular to the piece being worked on. FIAM Cartesian arms are characterised by extreme flexibility and practicality of use: besides extension over its entire height, the rotational extent of the arm on the abscissa allows up to 180° permitting a wide operating area.

Designed to house tools (but also motors) with a maximum diameter of 46 mm, they are equipped of a balancer and of the adapter and can be used with a comfortable handgrip to hold the tool.

Finally, they offer the possibility of using different compressed air inlets depending on how the work stations are arranged. Various adapters are available on request allowing horizontal operation, or simultaneous operation on two axis.

For further information, contact the FIAM technical assistance service.

## Wide operating area



Model	Code
BC 25/2	692031016
BC 25/4	692031017

### Service equipment (provided with the arm)

- Balancer
- Handgrip
- Adapter for vertical operation
- Instructions for assembly and use
- Eco-friendly packaging

### Accessories available on request

- Compressed air accessories (see Accessories catalogue N° 33).
- Adapters for working in various axis.

Cartesian arms, for weights over 4 Kg, please contact FIAM technical assistance service.

## Technical features

Maximum working radius	710 mm
Minimum working radius	225,5 mm
Maximum torque	25 Nm
Maximum load	2 - 4 Kg
Maximum angle of rotation	180°
Maximum tool diameter	46 mm
Vertical stroke	660 mm
Horizontal stroke	314 mm
Maximum height	1235 mm
Maximum width	770 mm
Weight	8,5 Kg

ERGONOMY PACK

GETTING ACQUAINTED WITH SAFETY

ASK IMMEDIATELY the CD-ROM for who designs and operates work stations and the booklet for the workers to be used when carrying out instructive courses as foreseen by the European Norm.

call 0039-0444-385000 or send an e-mail to [customerservice@fiamairtools.com](mailto:customerservice@fiamairtools.com)

# FIAM

INDUSTRIAL AIR TOOLS

Fiam Utensili Pneumatici spa  
Viale Crispi, 123 - 36100 Vicenza / Italy  
Tel. +39.0444.385000 - Fax +39.0444.385002  
[customerservice@fiamairtools.com](mailto:customerservice@fiamairtools.com)  
[www.fiamairtools.com](http://www.fiamairtools.com)



Quality Management System Certificate  
ISO 9001: 2000  
ICIM 0250



Environmental Management System Certificate  
ISO 14001: 1996  
ICIM 0002A

FIAM PRODUCTS ONLY USE QUALITY COMPONENTS

