

## BC CARTESIAN ARMS

### Wide operating area



Rotation at 360°



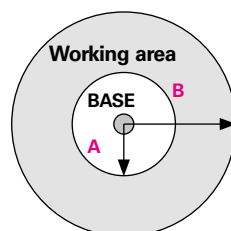
Lateral extension up to 775 mm



#### Technical features

Max. angle of rotation	360°
Vertical stroke	850 mm
Horizontal stroke	320 mm
Max. height	1100 mm
Max. width	550 mm
Packaging weight	2.2 kg

Cartesian arm		Max torque	Max working radius (B)	Min. working radius (A)	Max. tool diameter	Max load	Weight
Model	Code	Nm	mm	mm	mm	kg	kg
Cartesian arm BC12	692031020	12	775	180	32 - 50	1	8,5
Cartesian arm BC25	692031021	25	770	175	32 - 50	2	9,5
Cartesian arm BC40	692031022	40	770	120	32 - 50	3	17,5
Cartesian arm BC40/7	692031023	40	770	120	32 - 50	7	17,5



A = Min. working radius  
B = Max. working radius

#### Standard equipment (supplied with the arm)

- 2 balancers
- Protective cover
- Instructions for assembly and use
- Eco-friendly packaging

#### Accessories available upon request

- Models for tools weighing more than 7 Kg.: for further information, contact the Fiam Technical Consultancy Service.

### Double balancer supplied with

Two balancers are available to **support the tool** (weight up to 7 Kg.) and other hanging elements (models for heavier tools are available upon request)

### Sturdy vertical column

Its increased diameter **avoids any swings**

### Ball recirculating runners

Vertical and horizontal movements **running on ball recirculating runners** to guarantee smoothness, handiness and accuracy

### Protective cover

It **avoids operator's hands injuries** in case of accidental movements

### Robust structure

Column of vertical and horizontal axis made of **tempered and chrome steel** for longer lifespan

### Base plate

**Stable** drilled base plate designed to **prevent swinging risk**

### Return of the tool

**Possibility to adjust the horizontal axis** to favor the return of the tool back to resting position

### Universal clamp

to be used with **every type of tool** with diameter up to 50 mm

### 'Continuous' positioning system

The **adjustment** takes place without disassembling components by loosening and retightening screws in the new position

