

# Gun axis UA04

## The compact infeed axis

The gun axis UA04 is used for the horizontal adjustment of the automatic guns during the coating of complex components. The UA04 can be positioned in the vertical axis with a separation of 110 mm within the application grid. The latest drive technology with servo motors and toothed belt transmission pinpoint the feed motion of the automatic guns to the optimum application position.

A cleaning function (blow-off) ensures a clean working environment. In combination with the powerful vertical reciprocator ZA13, the UA04 unfolds its full strength to solve complex application tasks.

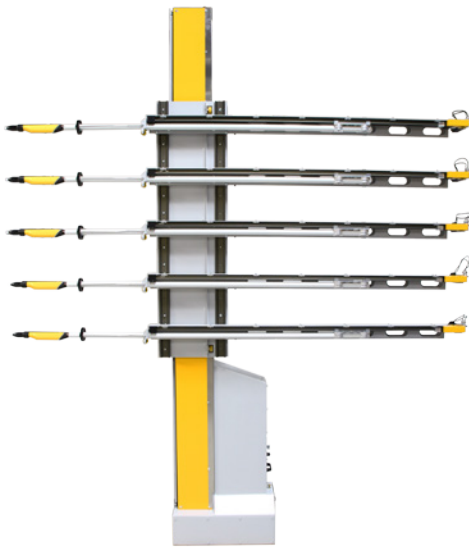
### Customer benefits:

- Compact design  
A Grid formation with separation of 110 mm between the automatic guns with the distance mechanically adjustable
- Latest servo motor – drive technology (maintenance-free)
- Extremely smooth operation with toothed belt transmission
- Precision point accuracy of the feed motion
- Simple assembly and disassembly
- Robust, dirt-resistant and easily accessible components
- Integrated cleaning function (blow-off)
- Maximum stroke-length 2200 mm
- Free axis programming via MagicControl CMxx
- Bus-/CAN-Bus technology integrated into the control unit

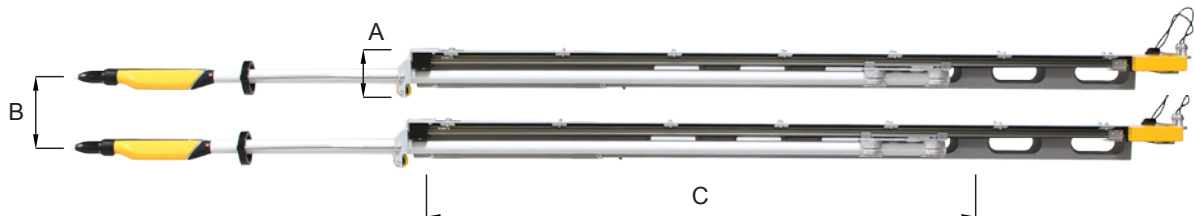


ZA13 with five gun axes UA04

## Technical data



Stroke speed	0,08 - 0,6 m/s
Acceleration	0,1 - 2,0 m/s <sup>2</sup>
Loading capacity	Automatic gun GA03-X
Voltage	230 V, 50/60 Hz
Weight Gun axis UA04 (stroke 2200mm)	16,5 kg (incl. gun and powder hose)
Temperature range	10 °C to + 40 °C
Compressed air (cleaning function)	6-8 bar / 87-116 psi
Synchronous motor	400 watt degree of protection IP 54, insulation class F
Position detection	Pulse generator extension integrated in synchronous motor



Gun axis UA04	
Total height (A)	100 mm
Grid dimension (B)	min. 110 mm, mechanically adjustable
Adjustable stroke (C)	max. 2200 mm

### Associated system components

- Vertical reciprocator ZA13 or ZA07
- Automatic gun OptiGun GA03-X
- MagicControl CMxx

Gema Switzerland reserves the right to make technical changes without prior notice!

#### Gema Switzerland GmbH

Mövenstrasse 17 | 9015 St.Gallen | Switzerland  
 T +41 71 313 83 00 | F +41 71 313 83 83  
 www.gemapowdercoating.com

