

SMOOTH RUNNING CHARACTERISTICS FOR PERFECT COATING RESULTS

Short stroke or long stroke – the ZA04 Reciprocator offers simple programming, smooth running and high loading capacity.



The benefits of the ZA04 Reciprocator are:

- Long-stroke and short-stroke operation
- High loading capacity and stability
- Slim column design allows for space-saving arrangement of the guns
- Extremely smooth running through toothed belt transmission
- Maintenance-free AC motor
- Single-axis and two-axis version
- Free axis programming via OptiMove CR04 Control Unit
- 255 storable programs
- DIGI-bus/CAN-bus technology integrated into the control unit

OptiMove CR04 Control Unit



The ZA04 Reciprocator features a modern and user-friendly control unit.

- 1 control per axis
- Built-in DIGI-bus/CAN-bus technology
- Modern and functional user interface
- Storage of 255 programs
- Simple pendulum stroke program
- Segment operation with varying speeds and pauses in one stroke
- Very easy to use with Teach-In function
- Cycle time display

The control unit allows for virtually free programming according to your specific needs and requirements!

Technical data (in mm)

Reciprocator ZA	ZA04-13	ZA04-18	ZA04-23	ZA04-28
Total height (A)	2385	2885	3385	3885
Adjustable stroke (B)	1300	1800	2300	2800
Lower inflection point (C)	334	334	334	334
Travel axes XT	XT09-10	XT09-14		
Travel distance	1000	1400		
Total length (D)	1750	2150		

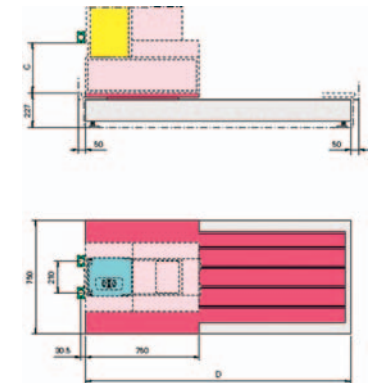
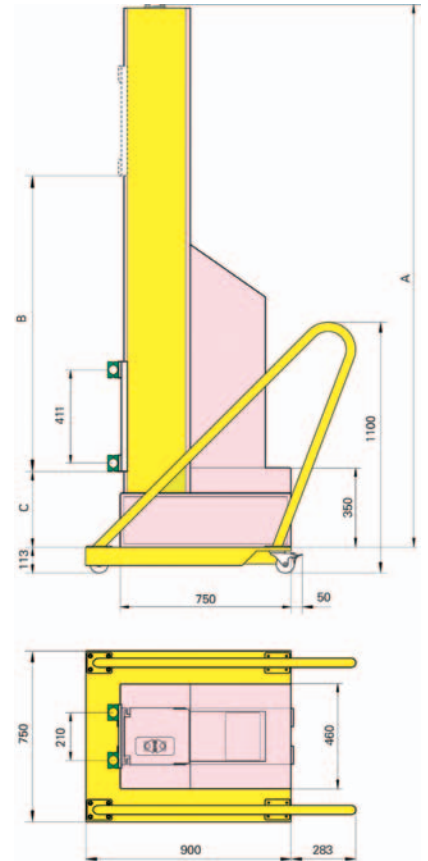
Other sizes are available on request.

General data – reciprocator:

Stroke speed ZA04	0.08–0.6 m/s
Acceleration	0.1–2.5 m/s ²
Loading capacity	max. 50 kg
Localization system	incremental encoder
Voltage	230 V, 50/60 Hz
Temperature range	0 °C to +40 °C

General data – motor:

Motor type	three-phase asynchronous motor
Power	0.75 kW



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ITW Gema AG reserves the right to make technical modifications without prior notice.