



GYROSCOPIC MIXER

BIAX | 45/45S

»The Industrial Standard«

Mixing in industrial scale

- | Paints
- | Varnishes
- | Plasters
- | Car refinisch paints
- | Casting resins
- | Flexo printing
- | Industrial coatings
- | 2K adhesives

Volume!

Short mixing times, particularly in continuous use in paint wholesale and production. Even in multi-shift operation.

Powerful

Maximum output with up to 50 kg mix, even with highly viscous materials. Achieve complete homogenisation within short mixing times.

Robust

Reinforced technology with a strong drive unit and robust mixing unit for reliable and long-lasting operation.



Low throughput

Medium throughput

High throughput

Very high throughput

Features

- Short mixing times due to efficient biaxial mixing process
- Very smooth-running, even with large and heavy containers in particular
- Ergonomic loading of tall and heavy containers using a pull-out clamping plate
- Space-saving, two-part sliding door; single-handed operation
- Particularly kind to containers due to biaxial mixing of even viscous materials
- Reliable operation and low servicing requirements due to high-quality components
- Can be combined as a system with Collomix TINTA dispensers

| **BIAX 45 S:** with automatic clamping plate and automatic sliding door



Technical data

CONTAINER	BIAX 45	BIAX 45 S
Max. mixing weight	50 kg	50 kg
Rec. continuous working weight	35 kg	35 kg
Container height	120- 450 mm	120 - 450 mm
Max. container diameter	365 mm	365 mm
Container type	round / oval / metal / plastic	round / oval / metal / plastic
Multiple containers at the same time	yes (only with closed centring ring)	yes (only with closed centring ring)
PERFORMANCE		
Power supply	230 V/50 Hz (110 V/60 Hz optional)	230 V/50 Hz (110 V/60 Hz optional)
Motor output	1.5 kW	1.5 kW
Max. speed	160 rpm (programmable)	160 rpm (programmable)
Rec.mixed throughput	high – very high	high – very high
OPERATION		
Mixing times	3 programmable times	3 programmable times
Clamping pressure	automatic - depending on 3 selectable containers heights	automatic - depending on 3 selectable containers heights
Door option	Manual sliding door	Automatic sliding door
Loading type	Manual pull-out clamping plate	Automatic pull-out clamping plate
Clamping plate / loading height	430 mm (+20 mm)	430 mm (+20 mm)
Can be combined with roller conveyor	no	no
SHIPPING AND INSTALLATION		
Machine dimensions (W x D x H)	850 x 865 x 1168 mm	850 x 865 x 1168 mm
Machine weight	223 kg	227 kg
Shipping dimensions (W x D x H)	1000 x 1000 x 1350 mm	1000 x 1000 x 1350 mm
Shipping weight	252 kg	258 kg
Transport rollers	yes	yes
Installation	adjustable 4-foot installation	adjustable 4-foot installation
SERVICE		
Splash guard index	no splash guard	no splash guard



Collomix GmbH

Daimlerstraße 9
85080 Gaimersheim
Germany

P: +49 (0) 8458 / 32 98 0

F: +49 (0) 8458 / 32 98 30

E: info@collomix.de

colortec.collomix.com