



GYROSCOPIC MIXER

DYNAX | 450

»Power meets Speed«

Printing inks and special coatings
in industrial container sizes
(- 40 kg)

- | Printing inks
- | Casting compounds / resins
- | Cosmetic products
- | Industrial paints / coatings

High-Speed

High energy input due to special speed transmission ensures optimum mixing results for highly viscous material.

Clean & Fast

Fast homogenization in closed containers. No cleaning effort; no contamination of the mixing material.

High process reliability

Customised special shades / mixing results can be reproduced at any time. Avoid differences in colour.



GYROSCOPIC
MIXER

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450

Features

- Special solution for printing inks in large containers (from 12.5 – 40 kg)
- Powerful drive and reinforced mixing unit for reliable and effective operation
- Small air pocket, no micro-bubbles as produced when mixing with agitators
- Clean working environment due to mixing in closed containers
- No cleaning of agitator units necessary
- Very smooth-running with metal and plastic containers
- Ergonomically favourable loading of tall and heavy containers using a pull-out clamping plate
- High-quality components for reliable operation and low service requirements

Technical data

CONTAINER	
Max. mixing weight for offset inks	12.5 – 40 kg
Max. mixing weight for flexographic printing inks	1 – 40 l
Max. mixing weight for gravure printing inks	in hoblocks up to 40 l
Container height	120 – 450 mm
Max. container diameter	365 mm
Container type	round / oval / metal / plastic
Multiple containers at the same time	yes
PERFORMANCE	
Power supply	230 V / 50 Hz (110 V / 60 Hz optional)
Motor output	1.5 kW
Max. speed	140 rpm (programmable)
Max. recommended viscosity	~ 400 Pa s
Rec. mixed throughput	universal
OPERATION	
Mixing times	3 programmable times
Clamping pressure	automatic - depending on 3 selectable containers heights
Door option	manual sliding door
Loading type	manual pull-out clamping plate
Clamping plate / loading height	430 mm (+20 mm)
Can be combined with roller conveyor	no
SHIPPING AND INSTALLATION	
Machine dimensions (W x D x H)	850 x 865 x 1168 mm
Machine weight	228 kg
Shipping dimensions (W x D x H)	1000 x 1000 x 1380 mm
Shipping weight	253 kg
Transport rollers	yes
Installation	adjustable 4-foot installation
SERVICE	
Splash guard index	no splash guard



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