

## Technical Description

### ELBA Laboratory Mixer EMS 60 C

ELBA-High-Capacity-Laboratory-Compulsory-Mixer EMS 60 C  
for production of quality concrete of all quality classes, special concrete,  
light-weight concrete as well as other mixable bulk goods.

Applicable for chemical and process-technology industries.

Two-zone counter-flow mixing system.

Mixer lining and mixer spirals of highly wear-resistant steel cast.

Exchangeable mixing goods.

Supporting legs of canted steel sheet with industrial rollers.

Electric motor drive via slip-on gear mechanism 3,0 kW.

Infinitely adjustable mixing rotation through frequency control.

Material feeding via inlet funnel from top.

Observation of mixing process via grate protected opening in mixer body.

Mechanical dust guard cover.

Discharge of material via manual slewing of mixer trough.

This allows a 100 % discharge of the mixer.

#### Technical data:

Mixer nominal capacity (acc. DIN 459) (output of compacted concrete)	60 l
Mixer nominal capacity (acc. DIN 459) (output of non-compacted concrete)	75 l
Compacted factor $V = 1,25$ acc. DIN 1044	
Mixer capacity	90 l
Mixer power connection	3,0 kW
Operating voltage	400 V
Frequency	50 Hz
Permissible voltage fluctuation	+/- 5 %
Weight	approx. 300kg
material feeding height with standard support legs	1299 mm
material discharge height with standard support legs	462 mm

#### Accessories

- in case of rubber material: steel spiral with rubber plate which is screwed on.

- in case of synthetic material: steel spiral with PU plate which is screwed on.

#### Colli dimensions (dismounted supports):

Length:	1470 mm
Width:	916 mm
Height:	780 mm



EMS 60 in mixing position with closed dust cover.



Front view during discharge.



Maintenance-free bearing. Slewing security device via mechanical pin.



EMS 60 in discharge position with removed dust cover.



Frequency-controlled mixer shaft rotation.



View inside the EMS 60 with exchangeable mixing tools.



Easy tipping by swivel arm.

Technische Änderungen vorbehalten.  
Subject to technical changes.

Sous réserves de modifications techniques.  
Sujeto a modificaciones técnicas.