

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.

The mixing tools of steel may optionally be replaced by tools of rubber
or synthetics.

Support feet with industrial rollers enabling easy change of position.

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.

Sampling and/or separate charging opening for special material.

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

Mechanical dust guard cover.

Material discharge by lockable manual slewing of mixing trough.

In the final position, 100 % discharge of the mixer trough.

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 %
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.
- Sequence control system featuring event recording.

Colli dimensions (dismounted supports):

Length	1480 mm
Width	920 mm
Height	780 mm
Weight	approx. 300 kg



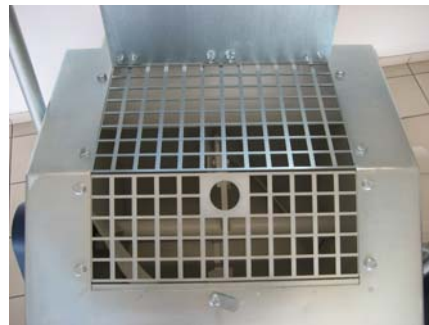
EMS 60 in mixing position with closed dust cover



Maintenance-free bearing. Lockable slewing.



View inside the EMS 60 with exchangeable mixing tools



Observation of the mixing process



Charging position



Front view in the discharging position



Rubber- and synthetic mixture kit

Technische Änderungen vorbehalten.
Subject to technical changes.

Sous réserves de modifications techniques.
Sujeto a modificaciones técnicas.