

PRODUCT - OVERVIEW

Topic: Agitator Motors
Product: Crossbar agitator for IBC-containers

Traversenrührwerk_PÜ_E

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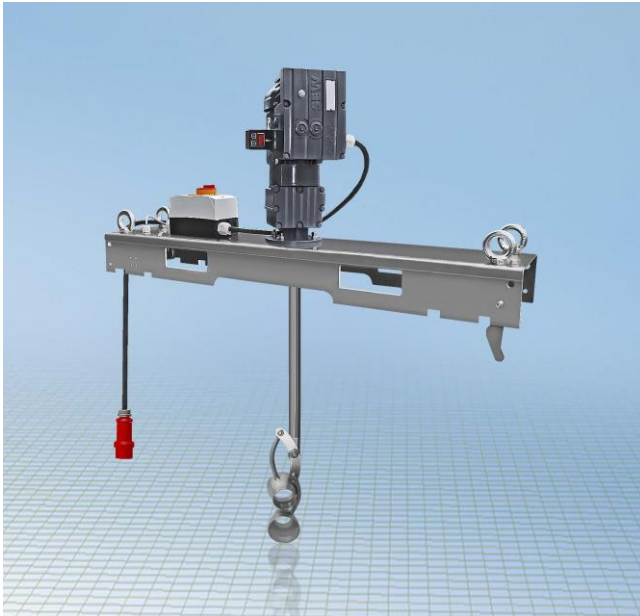
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Electrically operated crossbar agitator for IBC-containers



Technical data:

Agitator: 0,75kW standard; 1,1kW on request / upright or flat agitator

Power: 3~230V/-400V/50/60Hz/IP54
25-250rpm

Crossbar: can be equipped with handles or crane eyes

Main power switch: with motor protection and undervoltage release

The electrically operated crossbar agitator of the brand Kopperschmidt were designed for stirring and mixing of liquids such as primers, basecoats, topcoats, dispersions, release agents, etc. in IBC containers. All components of the crossbar agitator are made of stainless steel.

The crossbar agitator is not permanently installed with the IBC-container, it is placed manually on the container (by forklift, crane eyes or handles) and secured with two locking bolt on the frame.

The stirring of the medium is done via an agitator with agitator shaft and collapsible cup stirrer. The collapsible cup stirrer fitting is suitable for IBC opening diameters of minimum 150mm. When the agitator is put into operation, the stirrer blades of the collapsible cup stirrer are automatically raised by the centrifugal force.

(The optimum engine power results from the viscosity and the density of the medium, as well as to be mastered stirring task.)

By standard the agitator has an 0,75kW (max. 1,1kW is possible upon request!) gear motor equipped with variable frequency drive unit. The rotational speed is adjustable between 25 and 250 rpm.

The crossbar agitator is divided into 4 basic versions:

- **Mounting type of the agitator:** flat or upright motor
- **Handling type:** with handles or crane eyes
- **Safety features:** Limit switch for automatic shut off when the crossbar is lifting while the agitator is running (*not for ATEX version*), protection against restart after power loss.
- **Optional equipment:** ATEX certification (*motor/gearbox*) for flat motor assembly with motor 1,1kW possible.

In case you have any question or need some more advise we suggest to ask our applications department for the recommended device configuration.