

MixCon 300 - 2500

Two-Chamber Horizontal Mixer (Blender)

Dynamic, continuous Mixer (Blender),

MixCon, the **new Mixer (Blender)**, designed and provided by ConPro GmbH, is a continuous, dynamic Mixer (Blender)

The **MixCon** can be installed at different places:

Between Gravimetrics and Storage Container, between Dosing, the Extruder or the horizontal Conveyor – choose the place to install it.

The inlet will be adapted specifically to customer's demands.

The number of components and their discharge elements can be taken into consideration.

Rotating and fixed mixing elements are swirling the different material in a two-chambered-system with dial.

The swirling is achieving a homogenous mixture, which will be carried out the outlet by rotation.

To minimize adherences, the surface of the Mixer (Blender) is electro polished, because highly polished surfaces are non corroding.

The micro abrasiveness of metallic surfaces will be lowered which effects a lower quantity of adsorbates. Raw material is V2A 1.4300.

After removing the cover, all surfaces are reachable simply for cleaning and revision.

The dial with rods is hauled by the spline for easy access to the first chamber.

Applications

- Composites, especially WPC, agglomerate
- Filler- and mineral materials
- Plastics, especially PVC with CaCO³

Process

- Agglomeration; Wetting; Coating
- Dying
- Homogenization

Installation

- All parts, getting in contact with the material, are polished
- Inlet in modular design
- Horizontal shaft, equipped with rotating punch disc
- Special tool design, usable for excellent material circulation by minimal application of energy
- Quick and simple cleaning by using big cover and a removable mixing unit
- Clean and quick discharge, achieved by dead space
- AC-motor with frequency converter, to achieve low maintenance
- Homogeneous mixing allows constant quality
- Specific throughput for each project
- Maximum safety in process

Options

- Synchronisation by activator
- Magnetic separator, also for cleaning during the running process



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- Technical data -

Product range:

Model type	Throughput
MixCon 300	bis 300 Kg/h
MixCon 700	bis 700 Kg/h
MixCon 1000	bis 1000 Kg/h
MixCon 1500	bis 1500 Kg/h
MixCon 2500	bis 2500 Kg/h



Example: 4K system + MixCon700 + CPDU