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MKM Horizontal Powder Mixer



Homogeneous mixing of powder and granulated materials. Horizontal mixing solutions that address the recipe, batch volume, and discharge arrangement together.

APPLICATIONS

Construction chemicals · Powder materials · Production lines

Operation and maintenance.

Mixing volume, formulation and discharge arrangement are all parts of the same process. For the MKM series, selection depends on material behavior and batch requirements as well as vessel volume.

01

Metered feeding

The materials in the formulation are fed into the mixer in the specified quantities.

02

Mixing

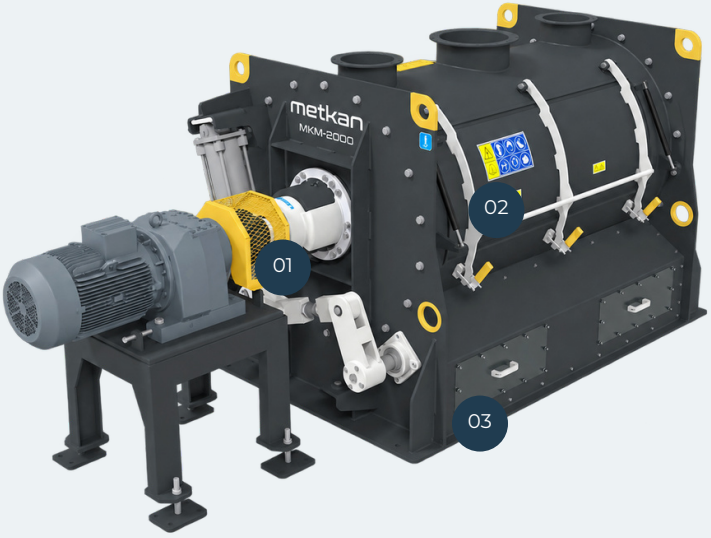
The target mix is prepared at a suitable fill level and for a suitable mixing time.

03

Discharge

The mix is transferred to the next production or packaging step.

MACHINE DETAILS



01 **Mixing**

Fill level, mixing time and material properties are considered together.

02 **Batch volume**

Net volume and working capacity are different. Selection is based on the target batch size.

03 **Discharge**

The discharge arrangement and line connections are planned around the production sequence and cleaning requirements.

APPLICATIONS

Construction chemicals

Dry mix production and formulation based processes.

Powder materials

Batch preparation based on material properties.

Production lines

Dosing, mixing, and end-of-line integration.

Technical data.

Evaluate model selection together with material properties, target capacity and plant layout.

Technical specification	MKM-0800	MKM-1200	MKM-1600	MKM-2000	MKM-3000
Motor power kW	15 - 30	15 - 37	18,5 - 45	22 - 55	30 - 55
Net volume L	800	1200	1600	2000	3000
Working volume L (min–max)	200 - 550	300 - 850	500 - 1150	550 - 1400	800 - 2100
*Weight kg	1400	2200	2350	2600	3400

Selection notes

All information in this table is for informational purposes only; it is non-binding and subject to change without prior notice. *Weights shown do not include the drive motor, support legs, or maintenance platform.

Technical data support preliminary selection. Final capacity, power, dimensions and supply scope are defined in the technical quotation.

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From machine to plant. Engineering in every detail.

Metkan develops machinery and plant solutions for construction chemicals, minerals and aggregates. At our manufacturing centre in Elbistan, we consider equipment together with feeding, conveying and production flow.

Four inputs for selection

01 **Material and product**

Material properties; for bagged products, bag type, dimensions and weight.

02 **Process target**

Inlet conditions, required product and the next production stage.

03 **Production target**

Target hourly capacity, operating hours and production pattern.

04 **Installation**

Inlet/outlet levels, connections, drive and maintenance access.

Projects and sales

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Catalogue data support preliminary selection. Final capacity, power, dimensions and supply scope are defined in the technical quotation. Images represent the product family; configurations may vary.