MCK Hammer crusher

PRODUCT CATALOGUE / 2026

MCK-1010 / MCK-1012 / MCK-1214

MCK-1214 / Product visualisation

The MCK series reduces low- and medium-hardness materials using hammers on a high-speed rotor. Grate selection, feed arrangement and rotor operating conditions are assessed together with the target product size.

APPLICATIONS

Limestone and aggregates · Coal preparation · Suitable mineral and recycling feedstocks

Operation and maintenance.

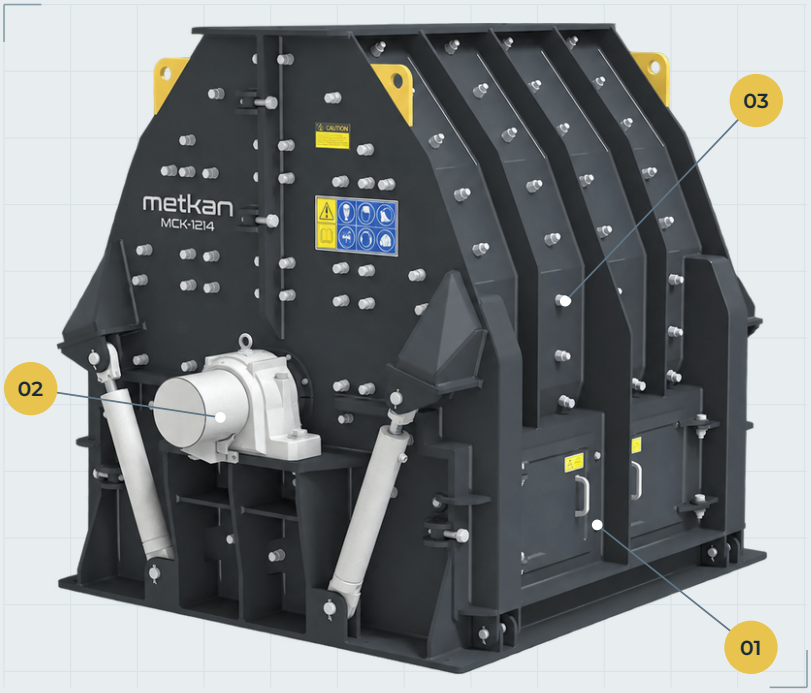
Operating principle diagram. Not to scale; not a manufacturing drawing.

Feeding. Material enters the crushing zone through the feed opening. Consistent feeding supports stable operation.

Impact. Hammers on the high-speed rotor transfer impact energy to the material and reduce its size.

Grate discharge. Grate opening affects product size and discharge; it is selected with rotor operating conditions and feed characteristics.

Machine details



01 **Housing covers**

Access to internal areas for maintenance and inspection.

02 **Bearings**

Part of the periodic inspection and lubrication plan.

03 **Connections**

Removable connections and visible inspection points.

Wear parts

Hammers, liners and grates are replaceable. Parts are selected for the material and operating conditions.

Maintenance space

Cover movement, component removal paths and lifting access are planned with the machine layout.

Technical data.

Capacity alone is not enough. Compare rotor size, feed opening, power and installation conditions together.

Parameter		MCK-1010	MCK-1012	MCK-1214
Capacity	t/h	**25-75**	**40-100**	**50-150**
Motor power	kW	**75-110**	**90-132**	**132-160**
Rotor diameter	mm	**1000**	**1000**	**1200**
Rotor width	mm	**1000**	**1200**	**1400**
Feed opening	mm	**1020 × 240**	**1220 × 240**	**1420 × 320**
Weight	kg	**6200**	**7600**	**9500**

SELECTION CONDITIONS

01 Capacities are approximate at a bulk density of 1.6 t/m³. They vary with size distribution, moisture, friability, rotor speed, installed power and circuit design.

02 Weights exclude the drive system, support legs, maintenance platform and inlet/outlet chutes.

03 Feed opening dimensions do not specify the maximum permissible lump size. Maximum feed size is determined separately for the material and operating conditions.

Ranges support preliminary selection. The final choice is verified against your material and required product.

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 MCK together with feeding, conveying and classification.

Four inputs for selection

01 **Material**

Material, hardness, abrasiveness, moisture and bulk density.

02 **Feed and product**

Maximum feed size, feed size distribution and target product size.

03 **Production target**

Target hourly throughput, operating hours and any circulating load.

04 **Installation**

Layout, inlet/outlet levels, drive and maintenance access.

Projects and sales

sales@metkanmakine.com

info@metkanmakine.com

+90 216 759 93 23

+90 532 386 74 46

Manufacturing centre

Çiçek OSB Mahallesi 1. Sokak No:11
Elbistan / Kahramanmaraş, Türkiye

metkanglobal.com

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.