

HAMMER MILL

ALTINBILEK Hammer Mills are produced in a wide variety of capacities depending on the needs. Hammer mills are machines that grind raw materials or rations in the desired particle size by crushing with the help of metal blades called hammers, which are mounted on the main rotor. Rotor rotation direction of Altinbilek Hammer Mills can be changed depending on the wear condition of the hammers. There is an electro-pneumatically controlled flap system in the entrance of the hammer mill to direct the raw material depending on the rotation direction of the rotor. The raw materials entering the hammer mill hit the special plates made of manganese alloy steel on both sides with the first hit of the hammer. These plates are specially processed on the latest system milling machines and their surfaces are hardened by heat treatment in order to facilitate grinding. The crash plates on Altinbilek Hammer Mills are designed in a modular structure. Since it is modular, it can be easily changed and significantly contributes to the mill's grinding capacity. Surface hardness is increased by the application of heat treatment in the mill hammers, which are the most effective part of the crushing process, and the grinding process is provided at high capacities. Each corner of the rectangular mill hammers can be used separately. There are additional shaft gaps in the rotors of Altinbilek Hammer Mills. In the process of changing the direction of the hammers, it is possible, with the help of additional shaft gaps on the rotor to change the direction of each of them by maintaining their current position. Thus, balance formation in high-speed rotor is prevented. Sieve and hammer replacement of Altinbilek Hammer Mills are designed in an easy and convenient manner. A large surface area is offered in the sieves in both parts of the rotor. In this way, after grinding, the product is provided comfortably, moisture loss is minimized, energy efficiency is increased and high capacity is offered. The distances between the mill screen and the hammers differ depending on the type of raw material and the grinding fineness. For this reason, Altinbilek Hammer Mills are designed in accordance with the product type and capacity. At the lower junction point of the sieve on both surfaces, there is a pocket system where stones, metals and similar foreign objects with high specific gravity that can enter the mill are collected. This pocket can be easily removed from the outer surface of the mill in order to discharge and clean the wastes inside and provides ease of use to the operator. In the lower part of the hammer mill screens, there are sampling devices on both sides and the operators can control the grinding precision during use.

FEATURES

- High Grinding Capacity
- High Transmittance Rate
- Balanced Raw Material Grinding
- Bolt Combined Modular Structure
- Effective Powder Sealing Elements
- Heavy Duty Block Bearings
- Easy Use and Maintenance

DRIVE SYSTEM

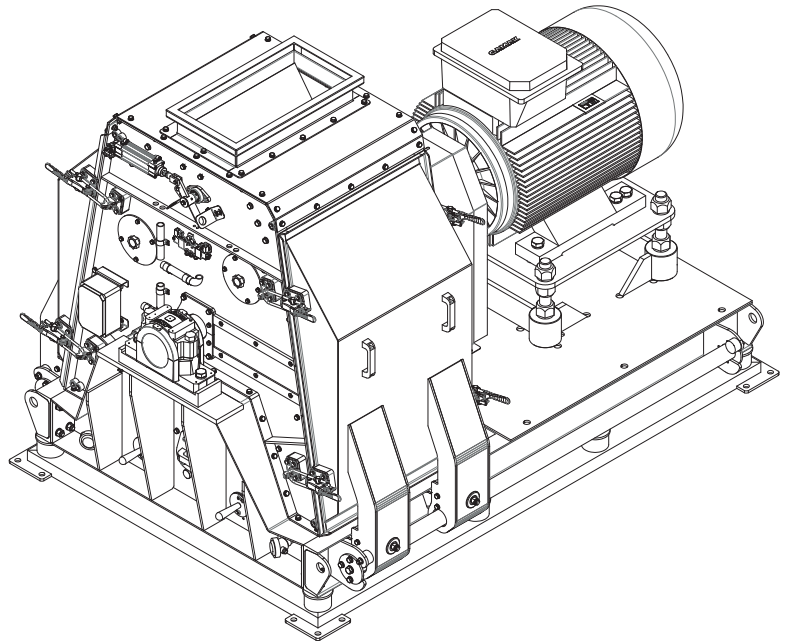
- IE3 Class High Efficiency Electric Motor (IE4 - Optional)
- Coupled Power Transmission

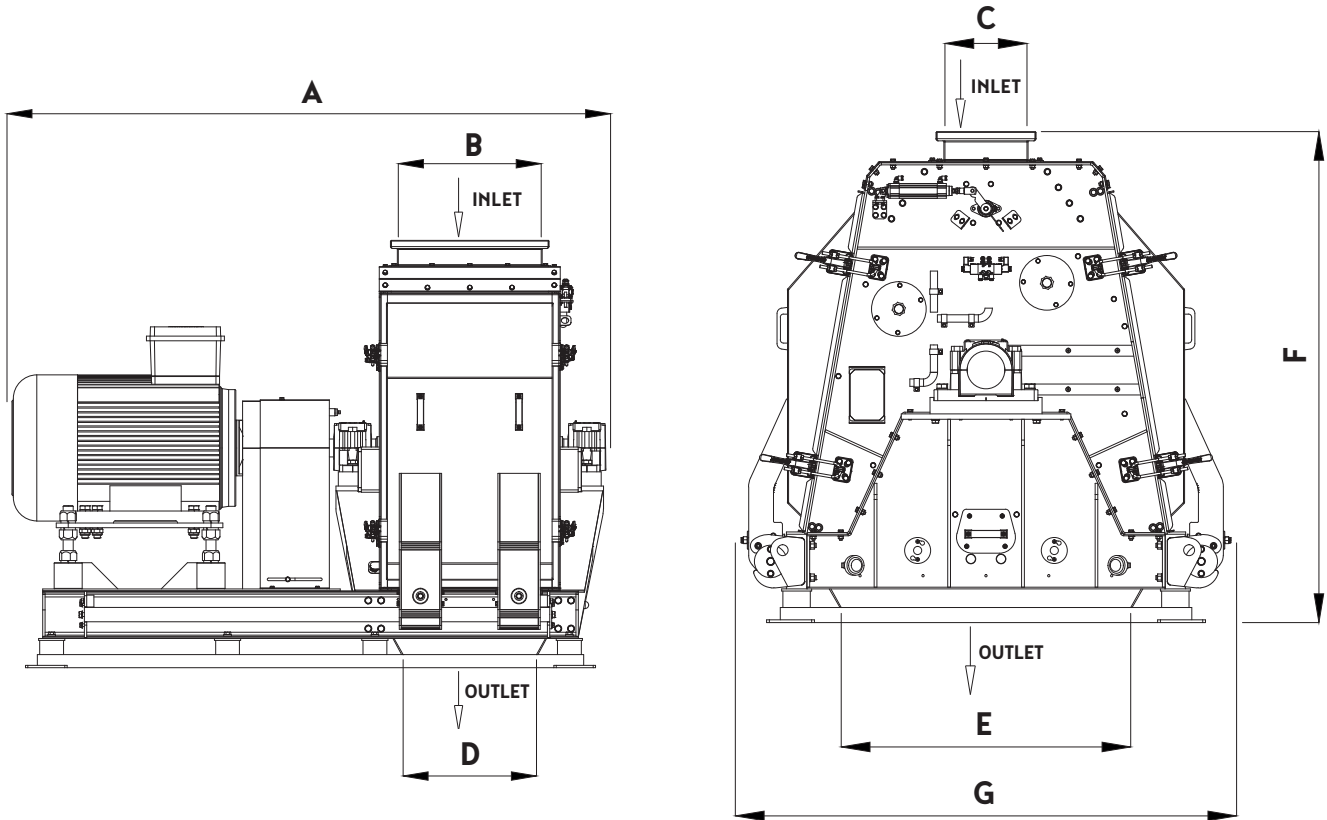
SECURITY SYSTEM

- Rotor Turning Sensor
- Directional Flap Sensor
- Safety Sensor on the Doors
- Body Heat Detection (Optional)
- Roller Temperature Detection (Optional)
- Vibration Detection (Optional)

ACCESSORIES

- Detachable Manganese Alloyed Impact Plates
- Detachable Waste Cleaning Pocket System
- Sampling Apparatus
- Electro-Pneumatic Controlled Directional Flap
- Easy to Open Maintenance and Intervention Cover
- Vibration Absorbing Rubber Wedges
- Auxiliary Hammer Shaft and Bushings
- Closed Type Casing





Type	Motor Power (kW)	Rpm (D/dk)	Dimensions (mm)						
			A	B	C	D	E	F	G
CD020	11	1.500	1.350	200	200	170	655	1.220	1.100
CD030	22 - 37	1.500	1.675	300	200	300	655	1.220	1.100
CD040	90 - 110	1.500	2.050	400	300	380	1.060	1.800	1.800
CD060	110 - 132	1.500	2.500	600	300	560	1.060	1.800	1.800
CD070	132 - 160	1.500	2.600	700	300	660	1.060	1.800	1.800
CD080	160 - 200	1.500	2.700	800	300	760	1.060	1.800	1.800
CD100	200 - 250	1.500	3.300	1.000	300	960	1.060	1.800	1.800
CD120	250 - 300	1.500	3.700	1.200	300	1.160	1.060	1.800	1.800
CD140	400 - 450	1.500	4.000	1.400	300	1.360	1.060	1.800	1.800

The designs and dimensions may be modified without notice.