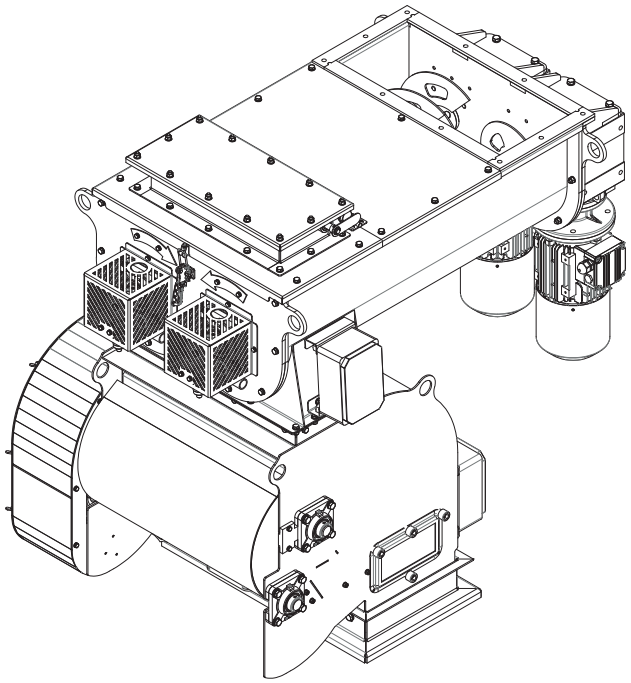
MILL FEEDER

Altınbilek Mill Feeders are the most important machines of the grinding systems. Grinding capacities of the mills vary in different raw materials. Especially in the feed industry, the range of raw materials and products is quite wide. Since the specific gravity, flow characteristic, hardness, moisture content, oil ratio, fiber structure, cellulose ratio, starch type and ratio, etc... of each raw material vary, a mill feeder is used to increase the grinding efficiency and control it depending on the fixed structure of the mill. Altınbilek Mill Feeders provide the control and continuity of the raw materials to be grinded in the mill, as well as help to separate metal, stone and similar foreign objects that may come in the raw material. With its high attraction power magnet used in the width of the flow channel, it allows metals to be held. Thanks to the adjustable air duct and pocket system, it prevents stones and similar foreign objects that the magnet cannot hold from damaging the mill rotor and body. It provides a smooth and balanced distribution of incoming raw materials across the width of the mill rotor. Thus, while performing a serial, regular and balanced grinding process, it also prevents the formation of balance due to irregular wear in the mill. Depending on the current information received from the mill motor, it sends raw materials to the mill in proportion to the grinding requirement. It prevents the mill from jamming and increases production by providing maximum benefit in minimum energy consumption. Altınbilek Mill Feeders have various capacity options.

FEATURES

- Bolt Combined Modular Structure
- Frequency Controlled Feeding System
- Effective Powder Sealing Elements
- Balanced Raw Material Distribution
- Easy Use and Maintenance



DRIVE SYSTEM

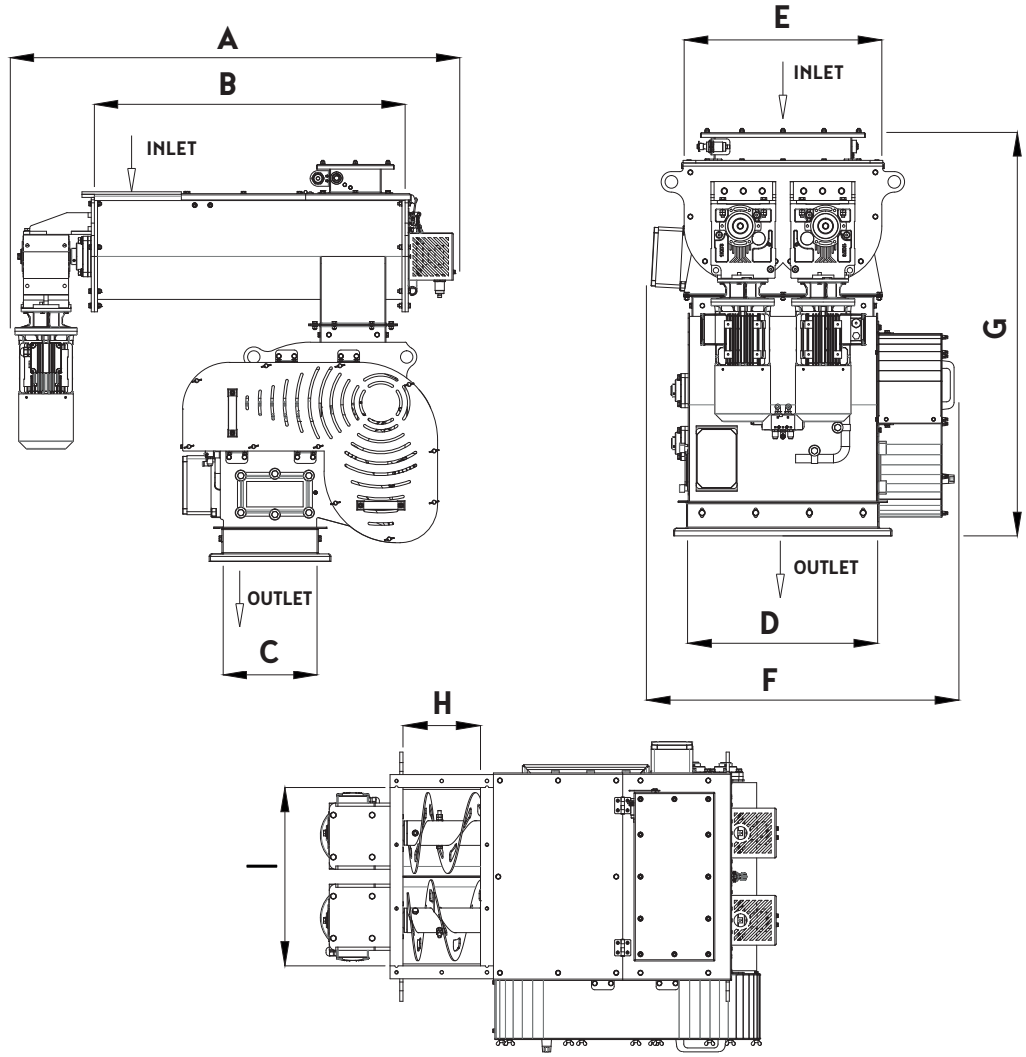
- Geared Motor
- IE3 Class High Efficiency Electric Motor (IE4 - Optional)
- Direct Coupled Power Transmission
- Geared Motor Solid Shaft and Coupling (Optional)

SECURITY SYSTEM

- Rotor Turning Sensor
- Closed Type Overflow Detector Control Mechanism

ACCESSORIES

- Plate Type Magnet
- Electro-Pneumatic Controlled Magnet Separation System
- Adjustable Air Inlet Grid
- Easy to Open Maintenance and Intervention Cover
- Transparent Control Window
- Input and Output Modules
- Fabric Layered Compensator in the Outlet Section
- Closed Type Casing



Type	Motor Power (kW x Qty.)	Screw Dia. (mm)	Dimensions (mm)								
			A	B	C	D	E	F	G	H	I
DB030	1,1 x 1	250	1.400	1.000	300	300	350	600	1.280	240	270
DB040	1,1 x 2	180	1.400	1.000	300	400	490	720	1.200	240	410
DB060	1,1 x 2	250	1.400	1.000	300	600	625	960	1.280	240	550
DB070	1,5 x 2	300	1.400	1.000	300	700	725	1.050	1.300	240	650
DB080	1,5 x 2	350	1.400	1.000	300	800	825	1.150	1.350	240	750
DB100	1,5 x 3	300	1.400	1.000	300	1.000	1.050	1.490	1.300	240	970
DB120	2,2 x 3	350	1.400	1.000	300	1.200	1.200	1.690	1.350	240	1.120
DB140	1,5 x 4	350	1.400	1.000	300	1.400	1.575	1.900	1.300	240	1495

The designs and dimensions may be modified without notice.