

▶ Chute Feeder

Principle

This equipment is generally installed at the bottom of the outlet of ore bin. The ore falls on the bushing at the bottom of the tank, which is installed on the roller wheel, and connected with the double-shaft reducer through eccentric gear, and then joined with the motor through the coupling. In the operation, the motor through coupling drives reducer, and the equipment and the drain cap between feed rack bottom and roller wheel through eccentric disc will do reciprocating rectilinear motions, so as to complete uniform feeding.



Features

Chute feeder can be set up on the ground, and also can be hoisted on the outlet of ore bin. The motion of chute bottom slab is reciprocating, and the stroke can be adjusted by the eccentric wheel drive of transmission, the eccentric distance of which is half of the stroke. According to some production practices in mineral processing plant, the eccentric distance should be not less than 30 mm for sticky ores. The width of the chute feeder is about 2-2.5 times the maximum particle size.

Application

It is suitable for short distance transportation of the block materials with feed particle size of 160 mm or less. It is widely used for feeding the materials in ore bin uniformly and continuously to crushing or transportation machine in mine, mineral processing plant, chemical industry, cement and building materials department.

Technical Parameters

Model	Outlet Dimension (W×H) (mm)	Max. Feed Size (mm)	Feed Capacity (t/h)	Motor Model	Motor Power (kW)	Weight (kg)
CG300×300	300×300	50	10~20	Y90L-4	1.5	265
CG400×400	400×400	100	10~30	YCT160-4A	2.2	640
CG600×500	600×500	200	10~50	Y112M-4	4	1045
CG700×500	700×500	200	10~60			1100
CG1240×980	1240×980	350	36~90	Y160M-6	7.5	1710