

FEEDING

▶ Heavy-duty Plate Feeder

Principle

The main work of the feeder is to make the motor power through reducer, drive the connecting rod of the eccentric gear do the reciprocating motion, and also make the pawl push the ratchet to drive the rotation of the chain wheel. Thereby the intermittent motion of the chain plate will begin so as to achieve the purpose of conveying materials.



Features

It can be installed both horizontally and slantly with the maximum slope angle of 12 degrees. In order to avoid materials blowing directly to the feeder, complete unloading is not allowed in the ore bin. The max feed size can reach 1000 mm.

Application

It is used for feeding the materials in ore bin continuously and uniformly to primary breaker in crushing & grading workshop in large mineral processing plant, and in cement or building materials department. The short distance transportation of the materials with big particle size and large specific gravity is also applicable.

Technical Parameters

Model	Chain Plate			Feed Size (mm)	Capacity (m ³ /h)	Motor		Overall Dimension (L×W×H) (mm)	Weight (kg)				
	Width (mm)	Center Distance of Chain Wheel (mm)	Speed (m/s)			Model	Power (kW)						
Gbz120-4.5	1200	4500	0.05	≤ 500	100	Y160I-4	15	6983 × 5228 × 2080	31279				
Gbz120-5		5000						7593 × 5228 × 2080	33437				
Gbz120-5.6		5600						8183 × 5228 × 2080	34321				
Gbz120-6		6000						8638 × 5228 × 2080	35900				
Gbz120-8		8000				Y180I-4	22	10533 × 5293 × 2080	41342				
Gbz120-8.7		8700						11383 × 5293 × 2080	43164				
Gbz120-10		10000						12583 × 5293 × 2080	46962				
Gbz120-12		12000				14653 × 5293 × 2080	51844						
Gbz120-15		15000				17658 × 5518 × 2080	62157	Y200I-4	30				
Gbz150-4		1500				4000	0.05	≤ 600	150	Y160I-4	15	6613 × 5528 × 2080	33197
Gbz150-6	6000		Y180I-4	22	8638 × 5593 × 2080	39787							
Gbz150-7	7000				9633 × 5593 × 2080	43352							
Gbz150-8	8000		10533 × 5593 × 2080	45962									
Gbz150-9	9000		Y200I-4	30	11683 × 5668 × 2080	50522							
Gbz150-12	12000		Y225m-4	45	14653 × 5888 × 2080	59915							
Gbz180-6	1800		6000	0.05	≤ 800	240				Y225m-4	45	8651 × 6463 × 2080	46840
Gbz180-8			8000									10533 × 6188 × 2080	51360
Gbz180-9.5		9500	12033 × 6188 × 2080				57397						
Gbz180-10		10000	12593 × 6188 × 2080				59632						
Gbz180-12		12000	14653 × 6363.5 × 2080				66029						
Gbz240-4		2400	4000				0.05	≤ 1000	400			Y200I-4	30
Gbz240-5	5000		7533 × 6718 × 2080	50737									
Gbz240-5.6	5600		8133 × 6718 × 2080	52447									
Gbz240-10	10000		Y225m-4	45	12593 × 6718 × 2080	76373							
Gbz240-12	12000				14653 × 6718 × 2080	85331							