



## Apron Feeder

### Advantages and characteristics

- Motor is suspended without foundation. Chain plate for the arc-type overlap, dismissed material.
- The whole use of non-key connection, easy assembly and disassembly



As a kind of fixed feeding machinery, plate feeder is auxiliary equipment for crushing process and feeds materials continuously and uniformly to primary breaker through feed bin while being available for short-range material handling. Plate feeder is particularly useful for conveyance of materials with large specific gravity, relatively large grain size and strong abrasibility and can operate reliably under extreme conditions such as open environment and damp environment etc. Having been widely used in industries of metallurgy, mine, cement and building material etc. Plate feeder could be either horizontally mounted or be installed in an inclined manner an a maximum inclination angle of 25°.

We can produce plate feeders of various specifications and models including heavy, medium, light-duty and new-style (OK board) plate feeders. Compared with old-style heavy duty feeding machine, the new-style feeding machine features more rational overall structure and convenient installation, disassembly and maintenance.

Drive unit incorporates integrated hanging and single-point floating structure that could reduce mounting error and prolong the service life of transmission system.

Depending on requirements of different users, drive unit combinations include planetary orthogonal reducer combination, Flender orthogonal reducer combination and cycloidal planetary gear combination. Caterpillar chain (or self-fabricated chain) is used as driving chain of scraping belt device. Scraping belt employs two lapping methods, i.e. single circle and double arc, both of which feature resistance to impact, wear and material leakage. The overall equipment incorporates keyless joint that contributes to compact structure, convenient mounting and removal and outstanding chain synchronization.



## GBZ Heavy Duty Apron Feeder Parameter List

Model & specification	Width mm	Sprocket center distance mm	Speed m/s	Feed grain size mm	Production capacity m <sup>3</sup> /h	Installation angle	Electric motor		Overall dimensions mm
							Model	Power kw	
GBZ120-4.5	1200	4500	0.015-0.048	≤500	100	0-25°	YCT250-4A	22	7133X5293X2079
GBZ120-6	1200	6000		≤500	100		YCT250-4A	22	8683X5293X2079
GBZ150-6	1500	6000		≤600	150		YCT280-4A	22	8633X5593X2079
GBZ150-7	1500	7000		≤600	150		YCT280-4A	22	9683X5593X2079
GBZ150-8	1500	8000		≤600	150		YCT280-4A	22	10533X5593X2079
GBZ180-8	1800	8000		≤800	240		MDSP225S-4	37	10533X6305X2079
GBZ180-10	1800	10000		≤800	240		YCT315-4B	45	12533X6305X2079
GBZ220-12	2200	12000		≤1000	364		YCT315-4B	45	14478X7321X2079
GBZ240-5.6	2400	5600		≤1000	400		MDSP225S-4	37	8133X6718X2079
GBZ240-10	2400	10000		≤1000	400		YCT315-4B	45	12533X6736X2079

Note : The above technical parameters is only for reference. The actual value shall depend on practical material type and production conditions.

## GBX New Tube Apron Feeder Parameter List

Model & specification	Width mm	Sprocket center distance mm	Speed m/s	Feed grain size mm	Production capacity t/h	Speed reducer		Electric motor		Overall dimensions mm
						Structure	Velocity ratio	Model	Power kw	
GBX1250X4500	1250	4500	0.075-0.125	≤600	100-350	Orthogonal And Planetary	389	MDSP180L-4	22	7070X3950X2260
GBX1500X4000	1500	4000	0.04-0.08	≤700	200-500		440	MDSP250M-6	37	7340X4249X2480
GBX1250X6000	1250	6000	0.075-0.125	≤600	100-350		389	MDSP180L-4	22	8570X3950X2260
GBX1600X6000	1600	6000	0.04-0.08	≤750	300-600		440	MDSP250M-6	37	9138X4349X2580
GBX1800X8000	1800	8000	0.06-0.1	≤800	500-900		490	MDSP225M-4	45	11832X4249X2830
GBX2000X6000	2000	6000	0.075-0.125	≤950	850-1450		389	MDSP250M-4	55	9478X4794X2980
GBX1500X8000	1500	8000	0.04-0.08	≤700	200-500		440	MDSP250M-6	37	10932X4249X2480
GBX2000X8000	2000	8000	0.075-0.125	≤950	850-1450		389	MDSP250M-4	55	11138X4794X2980
GBX1800X10000	1800	10000	0.06-0.1	≤850	500-900		490	MDSP225M-4	45	13138X4594X2780
GBX1500X10000	1500	10000	0.04-0.08	≤950	200-500		440	MDSP250M-6	37	12984X4249X2480

Note : The above technical parameters is only for reference. The actual value shall depend on practical material type and production conditions.