

▶ Belt Feeder

Principle

The materials through the feeding hopper flow to the belt surface of the belt feeder. With the rotation of AC adjustable-speed motor, the belt moves forward slowly, and the materials on the surface via the head wheel flow into the next process so as to realize the continuous feeding.

Features

There are two ways for production capacity regulation: One is to adjust the rotating speed of AC adjustable-speed motor, and the other is to adjust the insertion depth of control gate installed on feeding hopper.

Application

It can be widely used for transporting all kinds of block and granular materials with stacking density of 0.5 - 2.5 t/m³ in the departments of metallurgy, mineral processing, building materials, coal, water & electricity, etc.



Technical Parameters

Model	Belt Width (mm)	Center Distance of Head and Tail Wheel or Drum Wheel (mm)	Diameter of Head and Tail Wheel (mm)	Feed Capacity (t/h)	Feed Size (mm)	Motor Model	Motor Power (kW)	Weight (kg)
500×1000	500	1000	219	10~100	0~50	YCT112- 4B	0.75	266
500×1300		1300		10~100	0~50	YCT160 -4A	2.2	345
500×1500		1500		10~100	0~50	Y2.2-1.0-50-32	2.2	767
500×2000		2000		10~100	0~50	Y2.2-1.0-50-32	2.2	609.4
500×2800		2800		10~100	0~50	YCT160- 4A	2.2	670
500×3000		3000		10~100	0~50	YCT160 -4A	2.2	697
500×4000		4000		10~100	0~50	YCT160- 4A	2.2	736
650×1500		650		1500	10~100	0~50	YCT160- 4A	2.2
650×2600	650	2600	10~100	0~50	YCT160- 4A	2.2	636	
650×4000	650	4000	10~100	0~50	YCT160- 4A	2.2	893	
800×2000	800	2000	400	15~150	0~80	YCT160- 4A	2.2	721
800×3000	800	3000		15~150	0~80	YCT200- 4B	7.5	857.3
800×4000	800	4000		15~150	0~80	YCT200- 4B	7.5	1012
800×4500	800	4500		15~150	0~80	YCT160- 4A	2.2	1200
1000×2000	1000	2000		200~450	0~80	YCT160- 4B	3	1549
1000×2500		2500		200~450	0~100	YCT160- 4B	3	2105
1000×6000		6000		200~450	0~100	YCT225- 4A	11	5214