

## ▶ 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/m<sup>3</sup> 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              | 552.7       |
| 500×2000  |                 | 2000  |                                      | 10~100              | 0~50           | Y2.2-1.0-50-32 | 2.2              | 767         |
| 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              | 610         |
| 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  |                                      | 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  | 400                                  | 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        |

