

# CAFU

## CAFU Pipe Belt Conveyor





We use specialized software such as Tekla Structures, AutoCAD Mechanical, Solidworks, etc. to design your Pipe belt conveyor.

**Our conveyor are robust and durable.  
It is used in mining, cement, power plants,  
metallurgy and other industries.**

Industries such as mining, cement, power generation and metallurgy provide the basic raw materials and power for social development. But without robust equipment in these industries, the materials cannot be transported to the end point in a stable and efficient manner. Machines that operate under demanding conditions need a trusted and comprehensive service provider to ensure that advanced productivity is maintained.

Choose CAFU to stay ahead of the competition in your industry.

## Pipe Belt Conveyor

In addition to the performance characteristics of ordinary belt conveyor, pipe belt conveyor has more outstanding features. It can transport all kinds of materials in airtight, which is widely used in the industries of iron and steel, power generation, paper making, grain, salt making and chemical industry. The conveying line can be arranged along the space curve, and the small curvature radius in the horizontal and vertical plane can reach 300 times of the pipe diameter.

### Lower total cost of ownership

Reducing TCO is the goal from the time of purchase to the time of use.

- Low installation costs
- 365 days spare parts supply
- Ruggedness and durability
- Long service life

### Delivers reliability you can count on

All-bolt assembly construction for quick installation

- Extremely simple steel construction
- All parts bolted together, no welding on site
- Long distance conveying
- Smooth and reliable operation



### Maximum economic efficiency

The CAFU Pipe Belt Conveyor offer the best solution for efficient and safe bulk material handling.

The standard modular CAFU Pipe Belt Conveyor can be delivered quickly and you'll receive your conveyor 20-30% faster than a general suppliers, so you can increase capacity sooner!

## CAFU Pipe Belt Conveyor



Dia. (mm)	Width(mm)	Pipe belt conveyor systems belt speed v/(m/s) and capacity LV(m <sup>3</sup> /h)									
		0.8	1	1.25	1.6	2	2.5	3.15	4	4.5	5
100	430	17	21.2	26.5	34						
150	600	38	47	58	76	95	119				
200	750	66	83	104	133	166	208				
250	1000	118	147	184	235.5	295	368	465			
300	1100	141	176	211	282	352	441	555	705		
350	1300		237.5	297	380	497	594	748	950	1069	1188
400	1600		388.5	486	622	777	972	1224	1555	1749	1943
500	1900		558	697	893	1116	1395	1758	2232	2511	2791
600	2250		777.5	972	1244	1555	1944	2449	3110	3499	3888
700	2550		1008	1260	1612	2016	2520	3175	4032	4536	5040
850	3100		1454	1818	2327	2908	3636	4580	5817	6544	7272

## Main Structure

Pipe belt conveyor is mainly composed of driving device, conveyor belt, rollers, tensioning device and so on. The conveyor belt is in the shape of a pipe, which can transport materials in a closed way. The drive device provides power, and the rollers support and guide the conveyor belt. The tensioning device ensures the proper tension of the conveyor belt. It has a compact structure and is suitable for a wide range of material transportation.

The information provided in this document is for general guidance only and does not constitute a warranty of any kind. Product designs are subject to change at any time without notice. For detailed product information, please refer to the drawings provided by our account manager.