

# CAFU

## Fixed Belt Conveyor







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

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

Industries such as mining and cement provide the raw materials for society's development. But these building materials cannot be produced without strong equipment support. Machines that operate in highly demanding conditions require a trusted and comprehensive service provider to ensure advanced productivity is maintained.

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

### Fixed Belt Conveyor

The fixed belt conveyor is a type of material conveying equipment that is widely used in industrial production. It offers a number of advantages, including a simple structure, reliable operation, a large conveying capacity and the ability to transport materials over long distances. The fixed belt conveyor plays an important role in many industries, including mining, ports, power plants and cement plants. It is mainly used for conveying ores, loading and unloading goods and conveying coal.

#### 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 Fixed Belt Conveyor offer the best solution for efficient and safe bulk material handling.

**The standard modular CAFU Fixed 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!**



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Conveying capacity in m<sup>3</sup>/h for horizontal conveying

B (mm)	V (m/s)								
	0.8	1.0	1.25	1.6	2.0	2.5	3.15	4	4.5
500	69	87	108	139	174	217	274		
600	127	159	198	254	318	397	501		
800	198	248	310	397	496	620	781		
1000	324	405	507	649	811	1014	1278	1622	
1200	475	593	742	951	1188	1486	1872	2377	2674
1400	661	825	1032	1321	1652	2065	2602	3304	3718
1600	874	1093	1366	1749	2186	2783	3444	4373	4920
1800	1118	1398	1747	2236	2970	3494	4403	5591	6291
2000	1388	1735	2169	2776	3470	4338	5466	6941	7808
2200							6843	8690	9776

### Main Structure

A complete fixed belt conveyor typically includes: Drive Section, Drum, Structure, Tensioning Device, Idler Group, Distribution Control - Head Distribution Room, Belt Machine Protection and Ancillary Cables, Head/Tail Fence Monitoring, Drive Drum Bearing Thermometry.

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.