



Belt Conveyors

Xiamen Cafu Mechanical Equipment Co., Ltd

Add:1802, No.2567, Binhai West Avenue, Tong'an District, Xiamen, China

E-mail:sales@xmcafu.com

Tel:+86-592-7010098、 +86-18120740098(WhatsApp)

TD75 Type Belt Conveyor

TD75型带式输送机

产品描述 Product Description

TD75型带式输送机是一种输送量大、运行费用低、使用范围广的输送设备，按输送材料有胶带、塑料带和钢芯带之分。输送机的工作环境温度一般在 $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$ 之间，要求物料温度不超过 70°C ，耐热橡胶带可输送 120°C 以下的高温物料。物料温度更高时不宜采用胶带输送机。当输送具有酸性碱性油类物质和有机溶剂等成分的物料时需采用耐油、耐酸碱的橡胶带或塑料带。

Belt conveyor is a kind of conveying equipment with large conveying capacity, low operating cost and wide range of application. It can be divided into rubber belt, plastic belt and steel wire rope rubber belt according to conveying materials. The working temperature is between $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$ in general and the material temperature is not more than 70°C . If using heat resistant rubber belt, the material temperature can be up to 120°C . When the material temperature is higher, the belt conveyor should not be used. When transporting materials with acid and alkaline oil substances, organic solvents and other components, the belt should be oil-resistant, acid and alkali resistant rubber belt or plastic belt.

产品特点 Feature

- 工艺结构简单、造价低、部件通用性强、维修方便。
- 输送量能够满足通常情况，因而成为一种通用型输送机。
- Simple process structure, low cost, strong commonality of parts, easy to maintenance.
- The capacity can meet the general situation, so it becomes a public type conveyor.



应用范围 Application Range

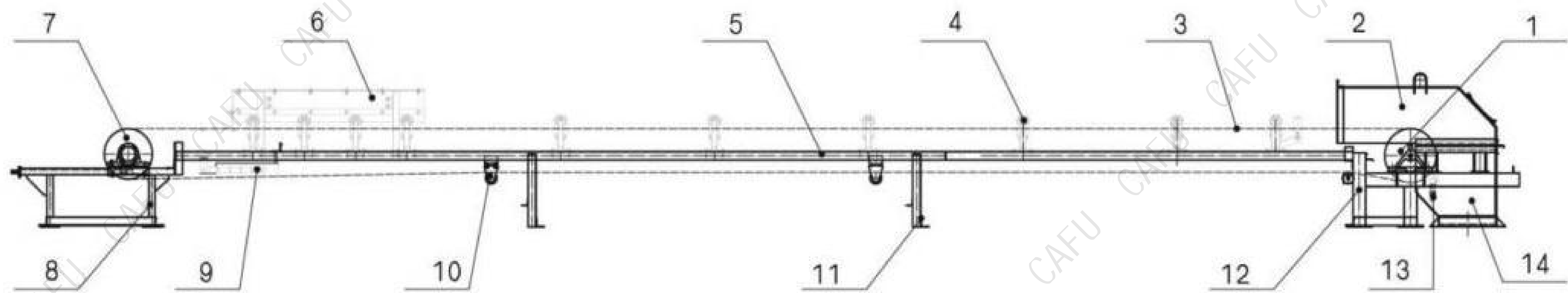
用于冶金、煤炭、水电等行业，输送堆积比重为 $0.5 \sim 2.5\text{t/m}^3$ 的各种块状、粒状等散状物料，也可用来输送成件物品。

It is used in metallurgy, coal, hydropower and other industries to transport bulk materials with a bulk density of $0.5 \sim 2.5\text{t/m}^3$, such as block and granular materials, and also to transport packed material.

技术参数 Technical Parameter

断面型式 Section Form	带速 Belt Speed	带宽(mm) Belt Width					
		500	650	800	1000	1200	1400
		输送能力(t/h) Capacity					
槽型 Trough Type	0.8	78	131				
	1.0	97	164	278	435	655	891
	1.25	122	206	348	544	819	1115
	1.6	156	264	445	696	1048	1427
	2.0	191	323	546	853	1284	1748
	2.5	232	391	661	1033	1556	2118
	3.15			824	1233	1858	2528
	4.0					2202	2996
平型 Flat Type	0.8	41	67	118			
	1.0	52	88	147	230	345	469
	1.25	66	110	184	288	432	588
	1.6	84	142	236	368	553	753
	2.0	103	174	289	451	677	922
	2.5	125	211	350	546	821	1117

外形结构图 Configuration Drawing



1、传动滚筒 2、头罩 3、输送带 4、上槽支架 5、中间架 6、导料槽 7、改向滚筒 8、尾架 9、空段
清扫器 10、平行下托辊 11、中间架支腿 12、头架 13、弹簧清扫器 14、头部漏斗

1、Driving Pulley 2、Head Cover 3、Belt 4、Trough Roller Support 5、Middle Frame 6、Guide Chute
7、Bend Drum 8、Tail Frame 9、Return Belt Cleaner 10、Bottom Flat Guiding Idler 11、Middle Support Legs
12、Head Frame 13、Spring Cleaner 14、Head Outlet

DTII/DTII (A) Type Belt Conveyor

DTII/DTII (A) 型带式输送机

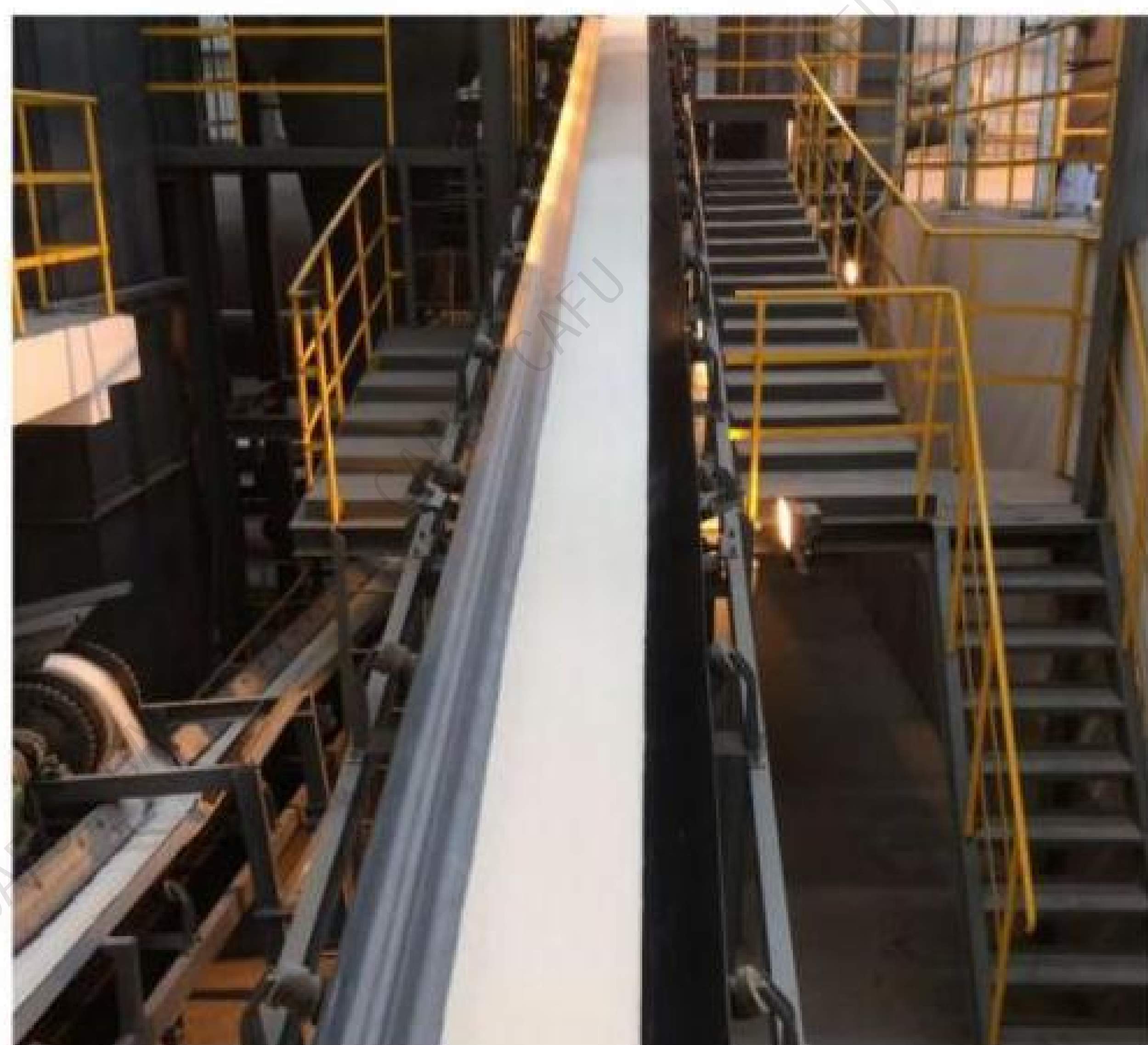
产品描述 Product Description

DTII、DTII (A) 型带式输送机是通用型系列产品，输送堆积密度为 $500-2500\text{Kg/m}^3$ 的各种散状物料和成件物品，适用环境温度为 $-20-40^\circ\text{C}$ 。对于有耐热、耐寒、防腐、防爆和阻燃等要求的工作环境，在选用本系列产品时，需选用特种橡胶输送带并采用相应防护措施。

DTII、DTII (A) belt conveyor is a universal series of conveying equipment, conveying various loose materials and articles with packing density of $500-2500\text{kg/m}^3$. It's suitable for ambient temperature of $-20-40^\circ\text{C}$. For the heat, cold, anti-corrosion, anti-explosion, flame retardant and other requirements of the working environment, The special rubber conveyor belt should be selected and corresponding protective measures should be adopted when selecting this series of belt conveyor.

产品特点 Feature

- 输送量大、结构简单、维护方便、成本低、通用性强的输送设备。
- 是TD75型和DX型两大系列的更新换代产品，分轻、中、重型，较TD75型无论材质、工艺、精度，还是输送能力、可靠性等方面均有较大改进和提高。
- 根据输送工艺的要求可以用单机或多台进行输送，也可以与其它输送机组成的输送系统进行输送。
- 带宽规格为：500、650、800、1000、1200、1400、1600、1800、2000、2200、2400。
- Big capacity, simple structure, easy to maintenance, low cost and strong versatility.
- It is the renewal product of TD75 and DX series, which is divided into light, medium and heavy. Compared with TD75, it has great improvement in material, process, accuracy, transportation capacity and reliability.
- According to the requirements of the conveying process, single machine or multiple machines can be used for conveying, it can also be transported with a conveyor system composed of other conveyors.
- Belt width: 500, 650, 800, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400mm.



应用范围 Application Range

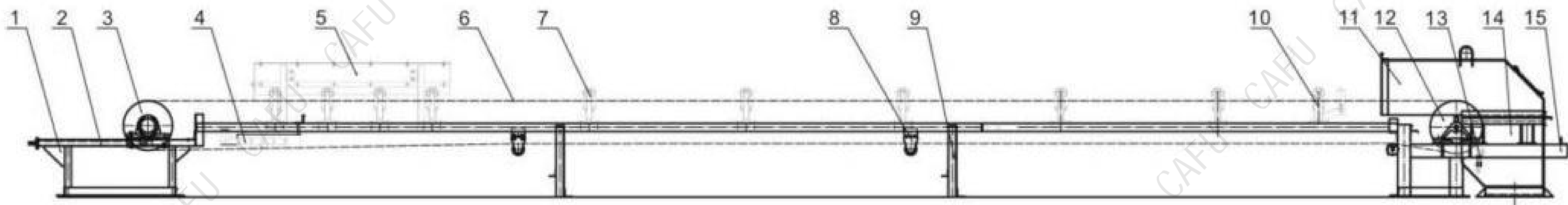
广泛用于冶金、煤炭、矿山、港口、电力、建材、化工、轻工、粮食和机械等行业。

It is widely used in metallurgy, coal, mining, port, electric power, building materials, chemical industry, light industry, grain and machinery industries.

技术参数 Technical Parameter

$\begin{matrix} Q_v & m^3/h \\ V, m/s \\ B, mm \end{matrix}$	0.8	1.0	1.25	1.6	2.0	2.5	3.15	4	4.5	5.0	5.6	6.5
500	69	87	108	139	174	217						
650	127	159	198	254	318	397						
800	198	248	310	397	496	620	781					
1000	324	405	507	649	811	1014	1278	1622				
1200		593	742	951	1188	1486	1872	2377	2674	2971		
1400		825	1032	1321	1652	2065	2602	3304	3718	4130		
1600					2186	2783	3444	4373	4920	5466	6122	
1800					2970	3494	4403	5591	6291	6989	7829	9083
2000					3470	4338	5466	6941	7808	8676	9717	11277
2200							6843	8690	9776	10863	12166	14120
2400							8289	10526	11842	13158	14737	17104

外形结构图 Configuration Drawing



1、尾架 2、螺旋拉紧装置 3、改向滚筒(后辊) 4、空段清扫器 5、导料槽 6、输送带 7、上槽支架 8、下平行托辊 9、支腿
10、防跑偏托辊架 11、头部护罩 12、传动滚筒(电动滚筒) 13、弹簧清扫器 14、头部漏斗 15、头架

1、Tail Frame 2、Screw Tensioner 3、Return Pulley 4、Return Belt Cleaner 5、Guide Chute 6、Belt 7、Trough Type Idler Support
8、Bottom Flat Idler 9、Support Legs 10、Anti-Off Tracking Roller Support 11、Head Cover 12、Driving Pulley 13、Spring Cleaner
14、Head Funnel 15、Head Frame

DJ Type Sidewall Belt Conveyor

DJ型大倾角皮带输送机

产品描述 Product Description

DJ型大倾角皮带输送机采用的是具有波状挡边和横隔板的输送带，适用于输送倾角 $0^{\circ} - 90^{\circ}$ （ 70° 以下最好）范围内散状物料或成件物品的短途运输和装卸工作。

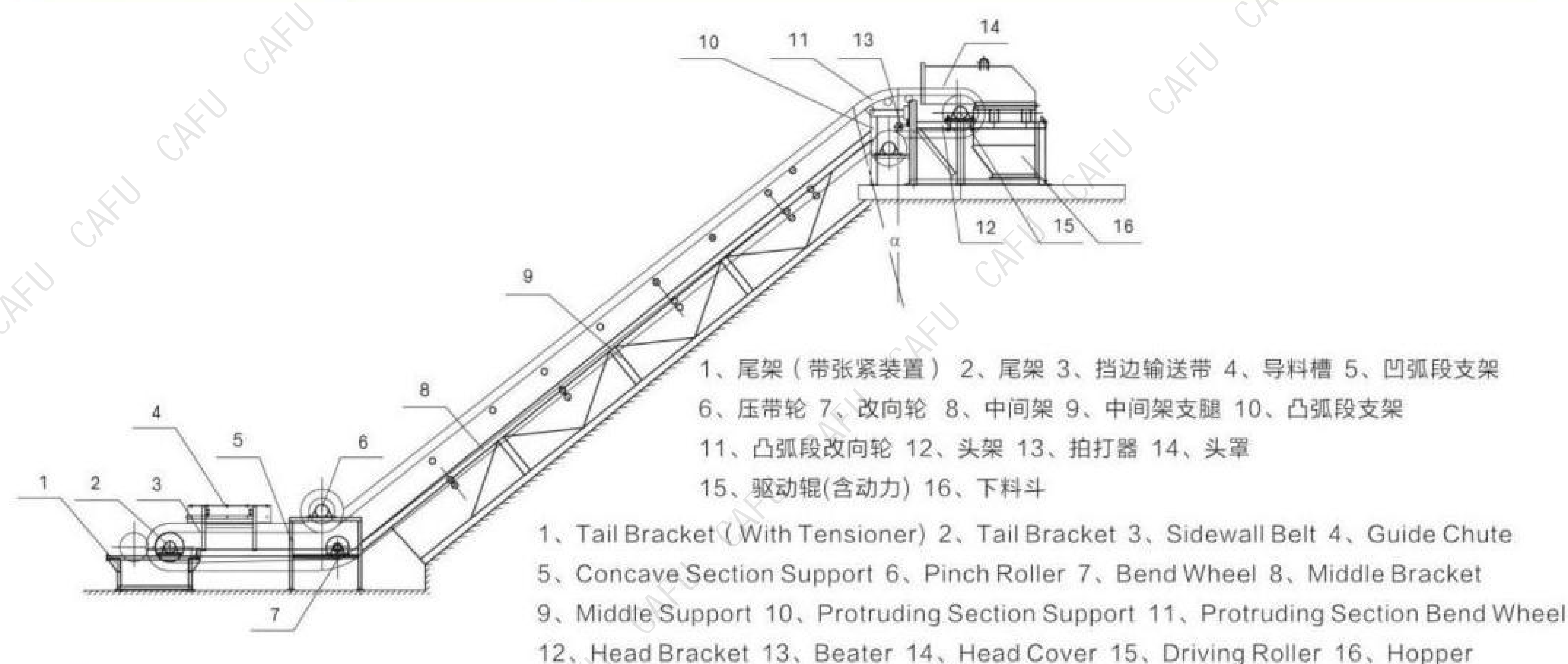
DJ type sidewall belt conveyor adopts a conveyor belt with corrugated sidewall and diaphragm plates, which is suitable for the short-distance transportation and loading and unloading work of bulk materials or packaged articles in the range of $0^{\circ} - 90^{\circ}$ (best below 70°).

产品特点 Feature

- 用一台设备在狭小的空间可完成水平倾斜输送。
- 应运行业范围广，重工业、轻工业行业都可适用。
- 适应环境范围广，工作环境温度为 $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$ 也可适用。
- 适用物料范围广，对于输送有特殊要求的物料也可适用。
- One conveyor can complete horizontal and inclined conveying operations in a small space.
- Wide range of applications, heavy industry and light industry are suitable.
- Wide range of application environment, working temperature range of $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$ is also applicable.
- The range of applicable materials is wide, and it is also applicable to conveying materials with special requirements.



外形结构图 Configuration Drawing



技术参数 Technical Parameter

带宽mm Belt width		500						650						800					
挡边高mm Side Wall Height Of		80		120		160		80		120		160		120		160		200	
隔板间距mm Cleats Spacing		126	252	126	252	378	252	378	252	126	252	378	252	126	252	378	252	378	504
倾角β Tilt Angle	30°	39	21	-	52	34	65	45	59	32	-	78	105	73	99	65	136	94	148
	40°	31	16	-	40	26	52	34	47	24	-	60	85	56	76	50	110	72	114
	50°	25	13	60	32	-	42	27	37	19	90	48	68	45	60	-	88	58	139
	60°	20	11	50	26	-	34	23	31	16	75	39	55	36	49	-	72	47	91
	70°	17	-	41	21	-	28	18	25	-	62	32	45	30	40	-	58	38	74
	90°	10	-	25	-	-	17	-	15	-	38	-	28	-	-	-	36	61	37
带宽mm Belt width		1000						1200						1600					
挡边高mm Side Wall Height Of		160		200		240		160		200		240		200		240		300	
隔板间距mm Cleats Spacing		126	376	252	378	504	252	378	504	252	378	504	252	378	504	252	378	504	300
倾角β Tilt Angle	30°	186	129	-	207	159	-	283	229	223	154	250	191	250	191	-	342	278	410
	40°	150	99	-	160	122	-	231	176	180	118	193	147	193	147	-	280	213	352
	50°	120	79	79	120	-	-	185	141	144	95	154	-	154	-	-	224	170	290
	60°	98	64	64	105	-	229	151	-	117	77	126	-	126	-	278	183	-	237
	70°	80	52	52	85	-	287	123	-	96	63	103	-	103	-	226	149	-	193
	90°	49	-	-	52	-	115	76	-	59	-	63	-	63	-	139	91	-	118
带宽mm Belt width		1400						1600						2000					
挡边高mm Side Wall Height Of		200		240		300		400		200		240		300		400		500	
隔板间距mm Cleats Spacing		252	378	504	252	378	504	336	504	420	504	252	378	504	252	378	504	420	504
倾角β Tilt Angle	30°	-	299	229	-	422	342	512	437	780	707	-	501	406	-	501	406	614	940
	40°	-	231	175	-	345	262	440	345	709	614	-	410	311	-	410	311	527	855
	50°	281	185	-	-	276	210	363	276	634	515	-	328	149	-	328	149	436	764
	60°	229	151	-	342	225	-	296	225	549	420	-	267	-	-	267	-	355	662
	70°	187	123	-	279	184	-	241	183	451	343	-	218	-	-	218	-	289	543
	90°	115	75	-	171	113	-	148	112	277	210	-	134	-	-	134	-	178	333

注：表中输送能力为带速1m/s，带速增减，输送能力相应增减。

Mobile Belt Conveyor

移动皮带输送机

产品描述 Product Description

移动皮带输送机是一种效率高，使用范围广，机动性好的连续输送装卸设备，主要用于装卸地点经常变更的场所，用来输送散装物料或者装卸单件重量不超过100公斤以下的成件物品。移动皮带机可分为可升降型和不可升降型两大类。可升降型又分为一端升降（单翼）和两端升降（双翼）。通常需要人工移动，也可以做成电机驱动移动。

Mobile belt conveyor is a kind of continuous conveyance and loading and unloading equipment with high efficiency, wide range of use and good mobility. It is mainly used for transporting bulk materials or loading and unloading finished articles whose single weight does not exceed 100 kg. Mobile belt conveyor can be divided into two categories: adjustable height type and fixed height type. The adjustable height type is divided into one end lifting (single wing) and two ends lifting (double wing). Usually manual movement is required, or motor driven movement can be made.

产品特点 Feature

- 功效高，使用方便，机动性好的连续输送装卸设备，主要用于装卸地点经常变换的场合。
- 结构简单，维护方便，底部装有万向轮，移动灵活。
- 运行平稳，噪声小。
- It is a continuous transportation loading and unloading equipment with high efficiency, easy to use and good mobility, which is mainly used for occasions where the loading and unloading location changes frequently.
- The structure is simple and the maintenance is convenient. The universal wheel is installed at the bottom to move flexibly.
- Stable operation and low noise.



应用范围 Application Range

适用于散状物料或成件物品的短途运输和装卸工作。适用于煤炭、冶金、矿山、化工、建材、码头、仓库、工地等输送散装物料或箱袋状物品，特别适合在化肥厂、水泥厂等需要人工装车的环境中使用，节省了大量人员。

It is mainly used for short-distance transportation and loading and unloading of bulk materials or packaged items. Suitable for coal, metallurgy, mining, chemical industry, building materials, docks, warehouses, construction sites, and so on, to transport bulk materials or packaged items, especially suitable for use in conditions such as fertilizer plants and cement plants that require manual loading, saving a lot of personnel.



技术参数 Technical Parameter

型号 Mode	胶带 宽度 mm Belt Width	输送 长度 m Length	带速 m/s Speed	输送量 Capacity			提升 高度 Uplifted Height	行轮 结构 Tail Wheel
				平辊 Flat Roller	槽辊 Trough Roller			
				件/h	t/h	t/h		
4031	400	3	平 辊 0.8 Flat Roller	800	40	80	≤0.6米	手动转向 Universal Wheel
4051		5					≤1米	
4071		7					≤1.3米	
40101		10					≤1.5米	
5051	500	5	槽 辊 1.6 Trough Roller	1400	70	145	≤1米	
5071		7					≤1.2米	
50101		10					≤1.5米	
50151		15					≤1.8米	
6551	650	5		2600	130	265	≤1米	
6571		7					≤1.2米	
65101		10					≤1.5米	
65151		15					≤1.8米	

注：输送量中成件物品按50公斤/件计算。可根据客户要求设计。

外形结构图 Configuration Drawing

