

General descriptions

1. Applications

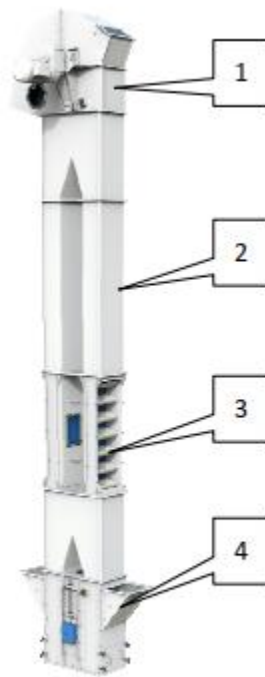
The bucket elevator was designed by elevating conveyor. It can be used to elevate dry powders and pellet materials. It is not supposed to convey fragile materials or other low breakage ratio required materials. Our bucket elevator is compact and neat desi reduces dust. The inlet can be put on either side.

a)The power transmission for the T series bucket elevator can be coupling, chain, sprocket, or shaft easy, and it h 40m, and the height limit for other T series bucket elevators is 50m

b)The T series bucket elevator can be used in feed, grain, flour, and food industry. Please consult with

2. Components

T series bucket elevator consists of a head section, trunk, boot section, and moving parts inside. See Fig.



1. head section 2. trunk 3. buckets and belt 4. boot section

3. Technical parameters

Dimensions

The standard dimension of normal bucket elevators is shown in charts 2-12 and in the below table.

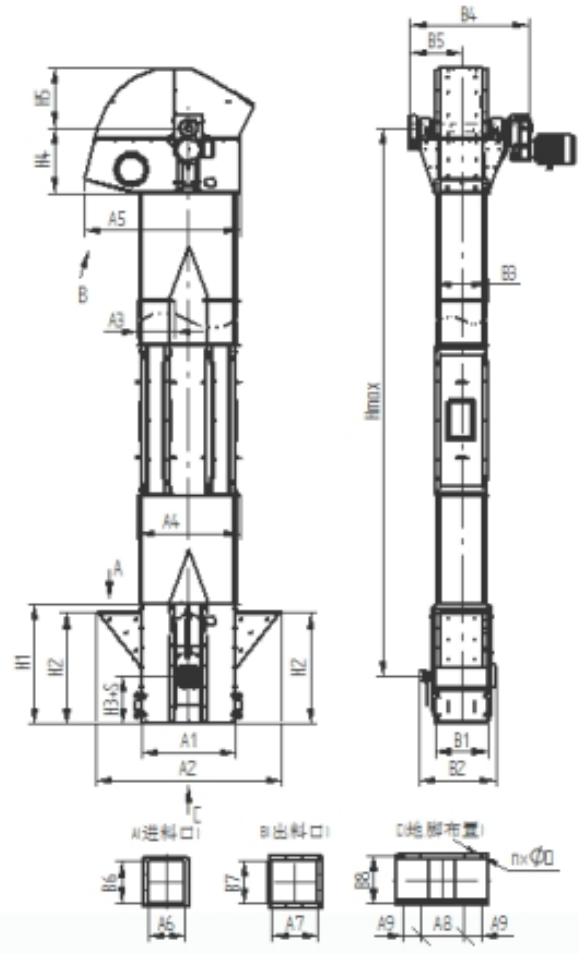


Table 2-3 Equipment data of standard bucket elevator (T series) (unmarked unit: mm)

Type	A1	A2	A3	A4	A5	A6	A7	A8	A9	B1	B2	B3	B4	B5
T360	684	1374	295	814	1181	260	320	240	175	355	553	355	863	369
T400	744	1554	300	824	1275	320	366	340	145	415	619	415	1008	438
T500	860	1712	340	940	1435	340	410	400	160	475	708	475	1091	475
T600	990	1902	358	1070	1661	370	500	410	220	515	748	515	1161	507
T700	1180	2124	400	1250	1952	380	625	560	240	535	813	535	1371	574
Type	B6	B7	B8	H1	H2	H3	H4	H5	S	n×φD	H _{max} (m)	/		
T360	260	275	325	880	810	350	400	535	150	8×φ14	40	/		
T400	320	335	385	1000	920	386	460	569	200	8×φ14	50	/		
T500	380	395	445	1100	1020	435	500	665	200	8×φ14	50	/		
T600	420	435	485	1200	1120	495	547	753	200	8×φ14	50	/		
T700	440	455	505	1400	1320	585	801	751	245	8×φ14	50	/		

The standard dimension of self-cleaning bucket elevator (T series) are showed in chart 2-13 and table 2-14.

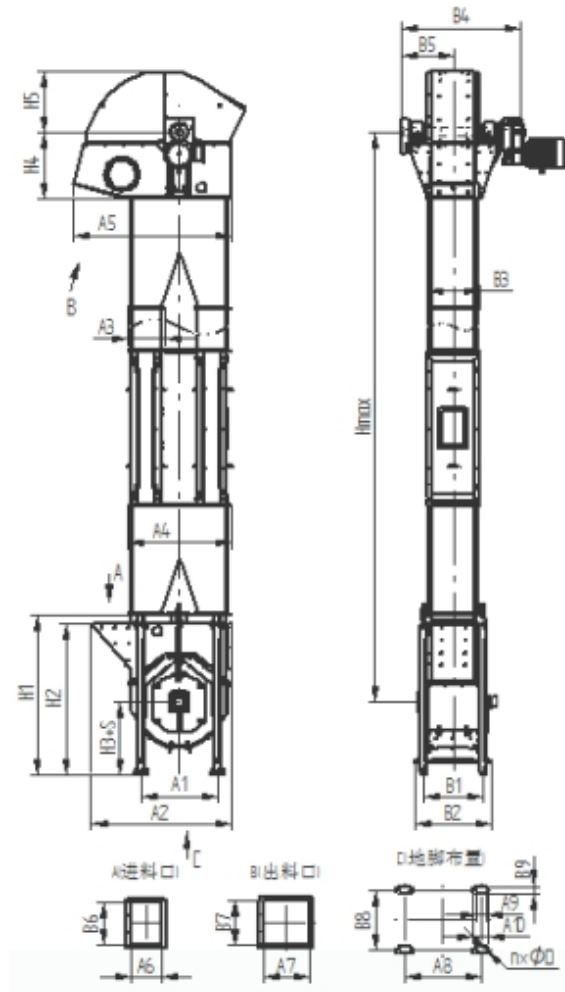


Table 2-4 Equipment data of self-cleaning bucket elevator (T series) (unmarked unit: mm)

Type	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	B1	B2	B3	B4	B5
T360	570	1054	295	814	1181	240	320	570	100	140	430	565	355	863	369
T400	610	1124	300	824	1275	250	366	610	100	140	490	620	415	1008	438
T500	696	1274	340	940	1435	280	410	696	100	140	550	690	475	1091	475
T600	820	1426	358	1070	1661	300	500	820	130	180	610	793	515	1161	507
T700	966	1690	400	1250	1952	380	625	966	160	210	648	825	535	1371	574
Type	B6	B7	B8	B9	H1	H2	H3	H4	H5	S	n x phi D	H _{max} (m)	/		
T360	260	275	430	65	1230	1150	545	400	535	150	8 x phi 18	40	/		
T400	320	335	490	65	1330	1250	565	460	569	200	8 x phi 18	50	/		
T500	380	395	550	65	1456	1376	661	500	665	200	8 x phi 18	50	/		
T600	420	435	610	85	1700	1600	735	547	753	200	8 x phi 18	50	/		
T700	440	455	648	85	2020	1900	785	801	751	250	8 x phi 20	50	/		