

Bucket Elevators

COBE-Centrifugal discharge



Bucket elevators are used in a wide variety of applications, for moving free flowing granular materials vertically – with heights ranging from 2 meters high, up to elevators that are 55 meters high. Various support options are available, the simplest being supporting of the elevator to the structure it is feeding into, then a guy wire cable support set, or finally support towers. Capacities on bucket elevators supplied by ABC Hansen start at 5 tons per hour, and go up to 1,000 tons per hour. Our most common sizes are detailed below:

	COBE5	COBE10	31G	53H	63J	79K
Capacity(m ³ /h)	6.5	13	32	65	130	195
Belt speed (m/s)	1.4	1.3	2.09	1.93	2.92	2.95
Ø Pulley (mm)	200	300	310	530	630	790
Bucket size	116x92	134x115	160x140	228x152	279x152	305x203
Belt width (mm)	150	150	220	260	310	350
Coating	Painted/Galvanized finish					
Drive	Geared drive with backstop					
Min power use	0.03KW/m	0.05KW/m	0.07KW/m	0.13KW/m	0.5KW/m	0.75KW/m

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