

Datasheet

Bucket Elevator



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FEED TECHNOLOGY
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General

Anderson Feed Technology Bucket elevators are robust conveyors for a wide range of bulk materials, both granular and powders. Belt speed is 1,8 m/s for gentle handling of pellets or 'sticky' products like meal. A belt speed of 2,6 m/s is used for maximum capacity with grains and other free flowing granular products. Available in capacities up to 14126 ft³/h.

Features

- S235 steel with rectangular legs, fully enclosed design
- Primer and paint finish
- Geared drive units
- Flexible coupling
- Belt tensioner
- Exchangeable kryptane wear plates
- Service hatches
- Oil and fat resistant belt (also very resistant to acids)

Special Executions

- Executed in AISI304
- All-weather features like drive unit housing
- Tubular legs
- Speed sensor
- Misalignment detection of the belt
- Residue free elevator booth
- Nylon buckets
- ATEX22 zoned drive-units
- Spotfilter
- Break plates in legs for explosion pressure relief
- Break plate on elevator head for explosion pressure relief



Capacity (ft³/h)

Type	Capacity (ft ³ /h)				Belt width (inch)	Bucket type-no/m	Diameter cage wheel (inch)
	1,8 (ft/s)	RPM	2,6 (ft/s)	RPM			
150 - 150	389	127	495	159	5	S10	12
200 - 200	1131	86	1625	124	7	S14 - 10	16
250 - 250	2049	69	2967	99	9	S18 - 9	20
320 - 250	2896	69	4167	99	11	S23 - 7	20
400 - 350	3744	57	5404	83	14	S28 - 7	24
450 - 350	6039	57	8722	83	16	S33 - 6	24
620 - 380	8758	43	12678	62	22	-	32
750 - 380	9853	43	14197	62	27	-	32