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IDEAL Bucket Elevators

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Ideal Conveyance has been manufacturing grain handling equipment for the agricultural industry for over 25 years. Ideal Bucket Elevators are designed specifically for each application. As material type and capacity requirements vary with each installation, we have the ability to configure, design and construct a custom solution to meet your needs. Our engineering team will analyze each quotation request and work with you to determine which Bucket Elevator is best suited for the job at hand.

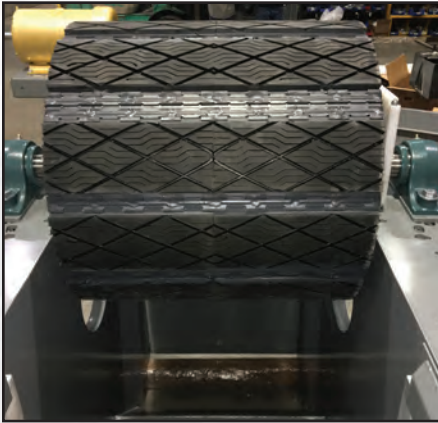
IDEAL BUCKET ELEVATORS 'AT A GLANCE'

- Bushel per hour capacities from 500 to 50,000 BPH
- Pulley sizes from 6" to 48"
- Trunking sizes from 10" x 14" through 16" x 49"
- Single-trunking and double-trunking in 12 gauge, 10 gauge or 7 gauge
- 10 gauge abrasion resistant steel in the lower half of the head section for longer life
- 10 gauge abrasion resistant rim in upper half of head cover for longer life
- Tapered roller bearings on head shaft for longer life
- Optional bolt-in/removable liners for head section promote longer life
- Continuous-welded trunking and flanges, with X bend for added strength
- Powder Coated or Hot-Dip Galvanized

Call for a **QUOTE** today.

Discover the **IDEAL** difference.

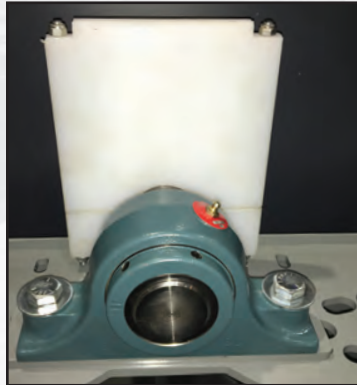
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Slide lagging mounted to crowned head pulley for better belt tracking



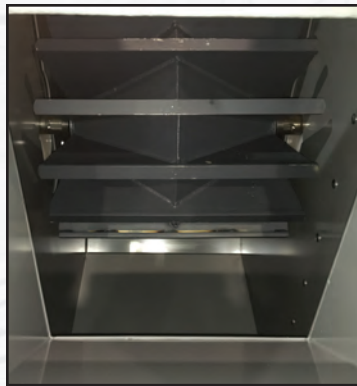
Tapered roller bearing mounted to laser-cut bearing plate and rain flange for weather-proof seal.



Head Shaft tapered roller bearing mounted to adjustable mounting plate, with two-piece dust seal for easy replacement



Head unit with optional ceramic tile liner for increased wear resistance.



Boot section view from inlet hopper showing winged boot pulley. Winged pulley reduces kernel breakage



Boot section showing inlet hopper with companion flange and access door for easy cleanout

IDEAL BUCKET ELEVATOR FEATURES

Head Section:

- Heavy-duty, crowned face, double-disk drum pulley with SOFR (static conductive, oil and fire retardant slide lagging)
- Bearing plates with vertical and horizontal jack bolts for installation alignment
- Easy-open lagging service door on both sides of head housing on units equipped with 24" through 48" pulleys

Head Section Optional Features:

- Lining packages including UHMW, urethane and ceramic tile combinations
- Discharge transitions with UHMW, urethane and ceramic tile combinations

Boot Section:

- Machined two-piece dust seals next to bearings for easy replacement
- Heavy-gauge steel boot construction, with external-side reinforcing for added strength
- Cleanout plates for obstruction-free cleanout are at bottom of the unit on each side

Boot Section Optional Features:

- Extra inlet hoppers for up-leg or down-leg applications
- Drum, winged or spiral winged pulleys, with XT bushings
- UHMW, urethane or ceramic tile liners available for hoppers

Trunking & Inspection Section:

- 12 gauge and 10 gauge available depending on size and height
- Inspection section is 10' in length with 9' removable area for maintenance doors
- Bolted tie-angle design provides rigidity, squareness to trunking and section independence for final flange-bolting

Trunking & Inspection Optional Features:

- Ladder, safety cage, service platforms, distributor platforms and rest platforms
- Belt-alignment, belt-speed and bearing temperature monitors
- Pressure relief/explosion doors

IDEAL BUCKET ELEVATOR SPECIFICATIONS

Model	Pulley	BPH	CFH	RPM	FPM	Bucket Size	Trunking Size
664	6"	500	625	111	189	6 x 4	9 x 21 single-trunking
1075	10"	1,500	1,875	138	378	7 x 5	12 x 28 single-trunking
1695	16"	1,500	1,875	68	293	9 x 5	10 x 14 double-trunking
1695	16"	2,000	2,500	90	390	9 x 5	10 x 14 double-trunking
1696	16"	2,500	3,125	94	415	9 x 6	10 x 14 double-trunking
24116	24"	3,000	3,750	59	377	11 x 6	10 x 14 double-trunking
24116	24"	3,500	3,750	64	448	11 x 6	10 x 14 double-trunking
24116	24"	4,000	5,000	74	498	11 x 6	10 x 14 double-trunking
30127	30"	5,000	6,250	62	494	12 x 7	12 x 18 double-trunking
30137	30"	6,000	7,500	65	518	13 x 7	12 x 18 double-trunking
36137	36"	7,500	9,375	68	647	13 x 7	12 x 18 double-trunking
36147	36"	8,000	10,000	68	650	14 x 7	12 x 18 double-trunking
42168	42"	10,000	12,500	48	534	16 x 8	13 x 23 double-trunking
42168	42"	12,000	15,000	58	640	16 x 8	13 x 23 double-trunking
42208	42"	15,000	18,750	57	635	20 x 8	13 x 26 double-trunking
42168 (2)*	42"	20,000	25,000	48	352	16 x 8 (2)	13 x 39 double-trunking
482010 (LP)**	48"	25,000	31,250	49	625	20 x 10 (LP)	16 x 28 double-trunking
42168 (2LP)***	42"	30,000	37,500	53	587	16 x 8 (2LP)	13 x 39 double-trunking
42208 (2LP)***	42"	40,000	50,000	56	621	20 x 8 (2LP)	13 x 47 double-trunking
482010 (2LP)***	48"	50,000	62,500	49	623	20 x 10 (2LP)	16 x 49 double-trunking

*Two rows of Standard Buckets

**Low-Profile Buckets

***Two rows of Low-Profile Buckets

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Ideal Industries, Inc.

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