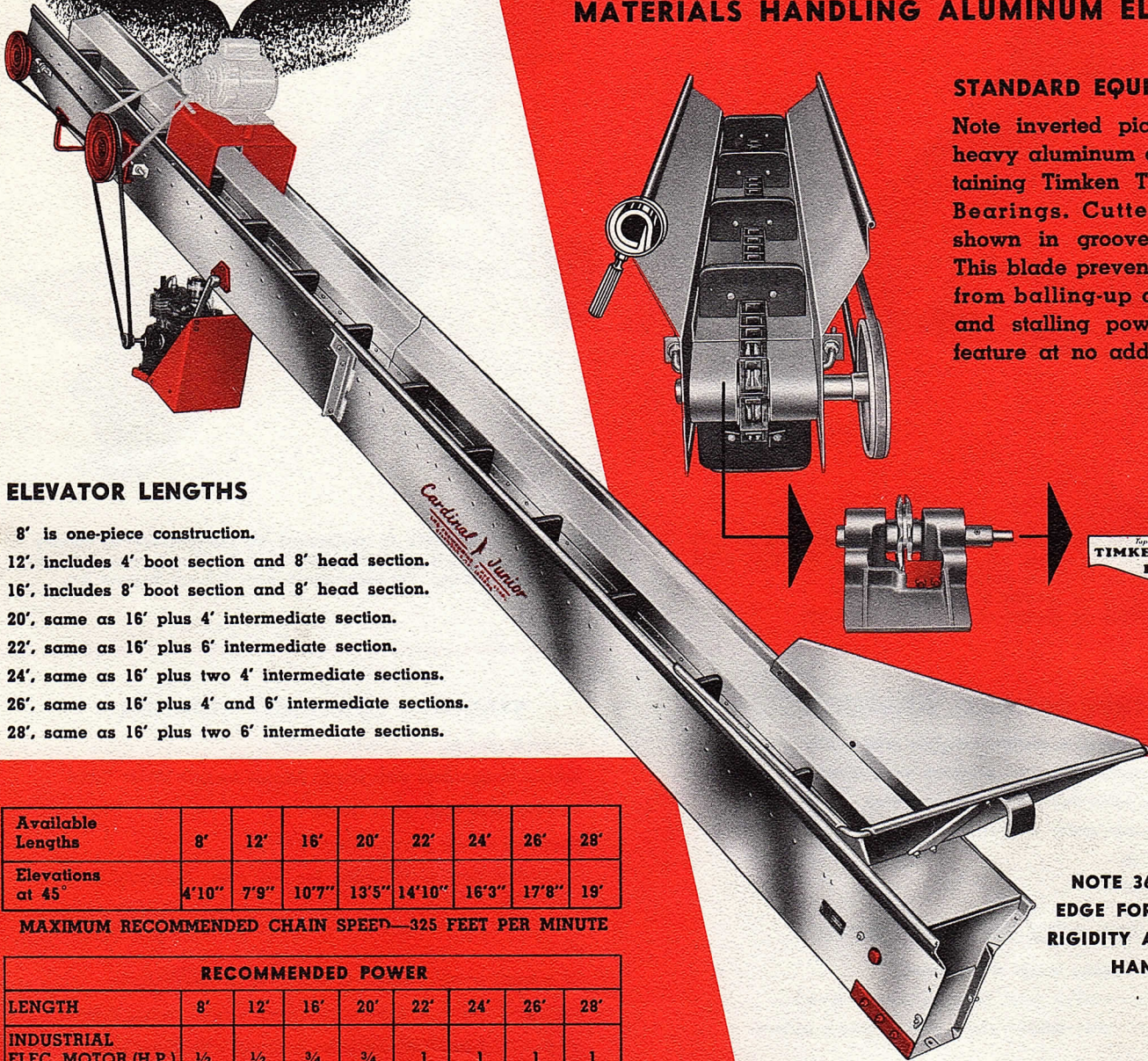


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Cardinal Junior

THE NATION'S MOST POPULAR HIGH-SPEED MATERIALS HANDLING ALUMINUM ELEVATOR



STANDARD EQUIPMENT

Note inverted picture of the heavy aluminum casting containing Timken Taper Roller Bearings. Cutter blade is shown in grooved sprocket. This blade prevents materials from balling-up on sprocket and stalling power. A plus feature at no additional cost.



ELEVATOR LENGTHS

- 8' is one-piece construction.
- 12', includes 4' boot section and 8' head section.
- 16', includes 8' boot section and 8' head section.
- 20', same as 16' plus 4' intermediate section.
- 22', same as 16' plus 6' intermediate section.
- 24', same as 16' plus two 4' intermediate sections.
- 26', same as 16' plus 4' and 6' intermediate sections.
- 28', same as 16' plus two 6' intermediate sections.

Available Lengths	8'	12'	16'	20'	22'	24'	26'	28'
Elevations at 45°	4'10"	7'9"	10'7"	13'5"	14'10"	16'3"	17'8"	19'

MAXIMUM RECOMMENDED CHAIN SPEED—325 FEET PER MINUTE

RECOMMENDED POWER								
LENGTH	8'	12'	16'	20'	22'	24'	26'	28'
INDUSTRIAL ELEC. MOTOR (H.P.)	1/2	1/2	3/4	3/4	1	1	1	1
GAS. ENGINE (H.P.)	1.75	1.75	1.75	1.75	3.6 or 2.75	3.6 or 2.75	3.6 or 2.75	3.6 or 2.75

HANDLING CAPACITIES, DEPENDING UPON DEGREE OF OPERATION

Ear Corn, bu. per hour.....	400 to 500
Shelled Corn, bu. per hour.....	400 to 850
Oats, bu. per hour.....	450 to 850
Wheat and Beans, bu. per hour.....	350 to 550
Bulk Feed, tons per hour*	10 to 20

*DOUBLE H.P. RECOMMENDED FOR HIGH-CAPACITY BULK FEED HANDLING.

NOTE 360° ROLLED EDGE FOR STRENGTH, RIGIDITY AND SMOOTH HANDLING

TROUGH: Rustproof, 15-gauge aluminum alloy, 6" wide, flared to 11" wide with 1 1/2" vertical rise for directional inflow of material conveyed.

FLIGHTS: 3" x 5 1/8", cupped, heavy 10-ply corded rubber. Flights extend below chain attachments to eliminate chain wear on aluminum trough bottom. Attached to No. 55 steel drag chain.

MANUFACTURED BY

LML

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