

BUILT FOR YOU
SINCE 1965

## GRAIN CANNON





The **GRAIN CANNON** is a versatile chain conveyor that utilizes a galvanized tube housing to gently convey material horizontally or at angles of up to 60°.

Tube Size	6"	8"	10"	12"
	(15.2 cm)	(20.3 cm)	(25.4 cm)	(30.48 cm)
Maximum Capacity*	1,500 BPH	4,000 BPH	6,000 BPH	10,000 BPH
	38 MTPH	102 MTPH	152 MTPH	254 MTPH
Chain Travel Speed	328 fpm	333 fpm	358 fpm	403 fpm
	100 mpm	101 mpm	109 mpm	123 mpm
Head Shaft RPM	124	117	117	109
Tube gauge	12 GA	10 GA	10 GA	10 GA
	2.6 mm	3.43 mm	3.43 mm	3.43 mm
UHMW paddle thickness	1/2"	1/2"	1/2"	1/2"
	12.7 mm	12.7 mm	12.7 mm	12.7 mm
Conveyor Chain	81X	81XHH	81XHH	81XHH
Angle of Operation	Horsepower required per foot of conveyor Kilowatt power required per meter of conveyor			
Horizontal	0.042	0.076	0.114	0.18
	0.103	0.185	0.278	0.439
15 °	0.062	0.113	0.17	0.268
	0.151	0.275	0.414	0.654
30 °	0.085	0.167	0.25	0.397
	0.207	0.407	0.61	0.968
45°	0.12	0.222	0.333	0.524
	0.292	0.541	0.812	1.278
60°	0.14	0.27	0.405	0.629
	0.341	0.658	0.988	1.534
Empty weight/FT (LBS)	24	39	47	54
Full Weight / FT (LBS)***	33	55	72	89
Empty weight / m(Kg)	16	26	32	36
Full weight / m(Kg)**	22	37	48	60

<sup>\*</sup>Note that capacities are estimates only and that increased angle will reduce capacity. Capacities based on 45 lb/ft³ (721 Kg/m³) dry shelled corn

## **FEATURES**

- Gentle grain handling
- High quality roller chain
- Galvanized construction to ensure a long service life
- Complete line of accessory equipment:
  - o Intermediate discharge gates
  - o Transitions
  - o Catwalks and support towers

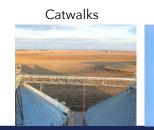


## Our other range of products in-

Grain Bins











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specifications and designs are subject to change without notice due to continuous product improvemen

<sup>\*\*</sup>Full weight is based on bottom tube full of 45 lb/ft³ (721 Kg/m³) material.