Lambton

ONE SOURCE. **ONE SOLUTION.**

GRAIN CANNON

www.lambtonconveyor.com

Lambton is a trademark of Lambton Conveyor Limited

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" (15.2 cm)	8" (20.3 cm)	10" (25.4 cm)	12" (30.48 cm)
Maximum Capacity*	1,500 BPH 38 MTPH	4,000 BPH 102 MTPH	6,000 BPH 152 MTPH	10,000 BPH 254 MTPH
Chain Travel Speed	328 fpm 100 mpm	333 fpm 101 mpm	358 fpm 109 mpm	403 fpm 123 mpm
Head Shaft RPM	124	117	117	109
Tube gauge	12 GA 2.6 mm	10 GA 3.43 mm	10 GA 3.43 mm	10 GA 3.43 mm
UHMW paddle thickness	1/2" 12.7 mm	1/2" 12.7 mm	1/2" 12.7 mm	1/2" 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 0.103	0.076 0.185	0.114 0.278	0.18 0.439
15 °	0.062 0.151	0.113 0.275	0.17 0.414	0.268 0.654
30 °	0.085 0.207	0.167 0.407	0.25 0.61	0.397 0.968
45 °	0.12 0.292	0.222 0.541	0.333 0.812	0.524 1.278
60 °	0.14 0.341	0.27 0.658	0.405 0.988	0.629 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

*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

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

FEATURES

- Gentle grain handling
- High quality roller chain
- Galvanized construction to ensure a long service life

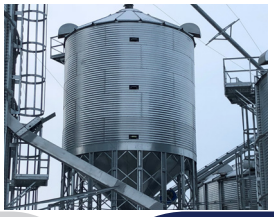
- **Complete line of accessory equipment:**
  - o Intermediate discharge gates
  - o Transitions
  - o Catwalks and support towers

Our other range of products include

Grain Bins

Bucket Elevator

Hopper Bins



Catwalks

Distributors

Chain Conveyors

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All specifications and designs are subject to change without notice due to continuous product improvement.