



DESIGNED FOR YOU  
**BUILT FOR YOU**  
SINCE 1965

# GRAIN CANNON



[www.lambtonconveyor.com](http://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)
<b>Maximum Capacity*</b>	1,500 BPH 38 MTPH	4,000 BPH 102 MTPH	6,000 BPH 152 MTPH	10,000 BPH 254 MTPH
<b>Chain Travel Speed</b>	328 fpm 100 mpm	333 fpm 101 mpm	358 fpm 109 mpm	403 fpm 123 mpm
<b>Head Shaft RPM</b>	124	117	117	109
<b>Tube gauge</b>	12 GA 2.6 mm	10 GA 3.43 mm	10 GA 3.43 mm	10 GA 3.43 mm
<b>UHMW paddle thickness</b>	1/2" 12.7 mm	1/2" 12.7 mm	1/2" 12.7 mm	1/2" 12.7 mm
<b>Conveyor Chain</b>	81X	81XHH	81XHH	81XHH
<b>Angle of Operation</b>	Horsepower required per foot of conveyor Kilowatt power required per meter of conveyor			
<b>Horizontal</b>	0.042 0.103	0.076 0.185	0.114 0.278	0.18 0.439
<b>15 °</b>	0.062 0.151	0.113 0.275	0.17 0.414	0.268 0.654
<b>30 °</b>	0.085 0.207	0.167 0.407	0.25 0.61	0.397 0.968
<b>45 °</b>	0.12 0.292	0.222 0.541	0.333 0.812	0.524 1.278
<b>60 °</b>	0.14 0.341	0.27 0.658	0.405 0.988	0.629 1.534
<b>Empty weight/FT (LBS)</b>	24	39	47	54
<b>Full Weight / FT (LBS)***</b>	33	55	72	89
<b>Empty weight / m(Kg)</b>	16	26	32	36
<b>Full weight / m(Kg)**</b>	22	37	48	60
*Note that capacities are estimates only and that increased angle will reduce capacity. Capacities based on 45 lb/ft <sup>3</sup> (721 Kg/m <sup>3</sup> ) dry shelled corn				
**Full weight is based on bottom tube full of 45 lb/ft <sup>3</sup> (721 Kg/m <sup>3</sup> ) 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 in-

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.