



**LAMBTON**

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

# GRAIN LOOP



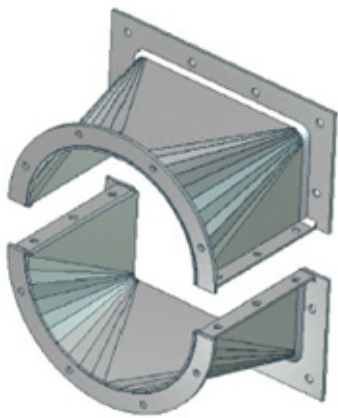
[www.lambtonconveyor.com](http://www.lambtonconveyor.com)

Lambton is a trademark of Lambton Conveyor Limited



Receiving, conveying, bin unloading and load out all in one convenient and cost-effective system.

Use the **GRAIN LOOP** to update an existing site or integrate the system into new development.



The most common wear point of the system are the transitions on the corners. Our unique split transitions allow for quick and easy replacement without having to break the chain

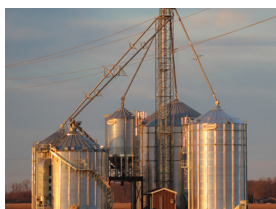
Tube Size	6" (15.2 cm)	8" (20.3 cm)	10" (25.4 cm)	12" (30.48 cm)
<b>Maximum Capacity*</b>	1,500 BPH 38 MTPH	4,000 BPH 102 MTPH	6,000 BPH 152 MTPH	10,000 BPH 254 MTPH
<b>Chain Travel Speed</b>	318 fpm 97 mpm	318 fpm 97 mpm	336 fpm 102 mpm	388 fpm 118 mpm
<b>Head Shaft RPM</b>	81	81	81	81
<b>Tube gauge</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>Max. HP (kW)</b>	30 (22)	60 (44)	100 (74)	120 (90)
<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 0.186	0.114 0.279	0.178 0.435
<b>Vertical section length and angle relative to vertical line.</b>				
<b>0° (straight line)</b>	0.2 0.489	0.35 0.856	0.5 1.223	0.75 1.835
<b>15°</b>	0.193 0.472	0.338 0.827	0.482 1.179	0.724 1.771
<b>30°</b>	0.173 0.423	0.3 0.734	0.433 1.06	0.65 1.59
<b>45°</b>	0.141 0.345	0.247 0.604	0.353 0.863	0.53 1.296
<b>Empty weight/FT (lbs)</b>	12	19	23	27
<b>Full Weight/FT (lbs)**</b>	21	35	48	62
<b>Empty weight/m (kg)</b>	18	28	34	40
<b>Full Weight/m (kg)**</b>	31	52	71	93
*Note that capacities are estimates only and that increased angle will reduce capacity. Capacities are 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
- Split Sprockets
- Galvanized construction to ensure a long service life
- Spherical roller Bearings
- **Complete line of accessory equipment:**
  - Intermediate discharge gates
  - Transitions
  - Catwalks and support towers
  - Receiving hoppers and bin wells

## Our other range of products include

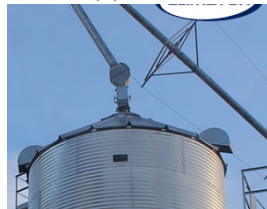
Grain Bins



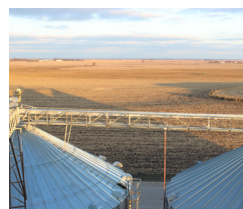
Bucket Elevator



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.