



ONE SOURCE. ONE SOLUTION.

GRAIN LOOP



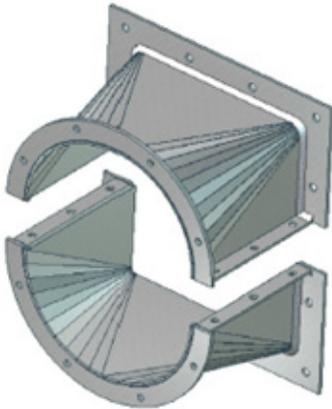
www.lambtonconveyor.com

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 is 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) |
|---|---|-----------------------|-----------------------|------------------------|
| 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 | 318 fpm 97 mpm | 318 fpm 97 mpm | 336 fpm 102 mpm | 388 fpm 118 mpm |
| Head Shaft RPM | 81 | 81 | 81 | 81 |
| 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 |
| Max. HP (kW) | 30 (22) | 60 (44) | 100 (74) | 120 (90) |
| Angle of Operation | Horsepower required per foot of conveyor Kilowatt power required per meter of conveyor | | | |
| Horizontal | 0.042 0.103 | 0.076 0.186 | 0.114 0.279 | 0.178 0.435 |
| Vertical section length and angle relative to vertical line | | | | |
| 0° (straight line) | 0.2 0.489 | 0.35 0.856 | 0.5 1.223 | 0.75 1.835 |
| 15° | 0.193 0.472 | 0.338 0.827 | 0.482 1.06 | 0.724 1.771 |
| 30° | 0.173 0.423 | 0.3 0.734 | 0.433 1.06 | 0.65 1.59 |
| 45° | 0.141 0.345 | 0.247 0.604 | 0.353 0.863 | 0.53 1.296 |
| Empty Weight/FT (LBS) | 12 | 19 | 23 | 27 |
| Full Weight/FT (LBS)** | 21 | 35 | 48 | 62 |
| Empty Weight/m (Kg) | 8 | 13 | 15 | 18 |
| Full Weight/m (Kg)** | 14 | 23 | 32 | 42 |
| *Note that capacities are estimates only and that increased angle will reduce capacity. Capacities based on 45 lb/ft ³ dry shelled corn. | | | | |
| **Full weight is based on tube full of 45 lb/ft ³ (721 Kg/m ³) material. | | | | |

FEATURES

- Gentle grain handling
- Split Sprockets
- Galvanized construction to ensure a long service life
- Spherical roller Bearings
- **Complete line of accessory equipment:**
 - o Intermediate discharge gates
 - o Transitions
 - o Catwalks and support towers
 - o 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.