

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 degrees.

Tube size	6" (15.2cm)	8" (20.3cm)	10" (25.4cm)	12" (30.48cm)
Maximum capacity*	2,000 BPH 51 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	0.076	0.114	0.18
15 deg.	0.103	0.185	0.278	0.439
	0.062	0.113	0.17	0.268
30 deg.	0.151	0.275	0.414	0.654
	0.085	0.167	0.25	0.397
45 deg.	0.207	0.407	0.61	0.968
	0.12	0.222	0.333	0.524
60 deg.	0.292	0.541	0.812	1.278
	0.14	0.27	0.405	0.629
Empty weight /FT (LBS)	23	38	46	53
Full weight /FT (LBS)**	32	54	71	88
Empty weight /m (KG)	15	26	31	36
Full weight /m (KG)**	21	36	47	59

* 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:
 - Intermediate discharge gates
 - Transitions
 - Catwalks and support towers

