



Galvanized

Farm-Commercial Chain Conveyors

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Splice

- 11 gauge galvanized lap splice provides solid connection and accurate alignment



Tail

- Screw take-ups for easy chain adjustment
- 1/2" UHMW shaft seals promote a dust tight operation
- Greasable ball bearings provide smooth operation



Head Drive

- 8 gauge interchangeable bearing plates allow easy modification for future extensions
- Class I & Class II drive packages available with TEFC or explosion proof motors to fit any application



Return Rollers & Lining

- Equally spaced UHMW return rollers increase catenary action to help maintain chain tension
- Replaceable Abrasion Resistant (AR) 3/16" bottom & 10 gauge liner package available, allowing for cost efficient way to maintain equipment life



Chain

- 81X, 81XHH and WH78 provide smooth operation
- 3/8" thick welded steel attachments and 3/8" UHMW flights for long chain life
- Heat treated engineer class conveyor chain with case hardened pins



Sprocket

- Solid bore standard, split optional
- Fabricated from 1040 steel with machine chamfered teeth which produces longer sprocket and chain life
- Reduced downtime and increased revenue



Capacities up to 10,000 BPH

Standard Features

- Capacities up to 10,000 BPH
- Galvanized construction
- Screw-type tail take-up assembly
- UHMW flighting
- UHMW return rollers
- High quality chain, drives and sprockets

Options

- Half pitched flighting available for inclined conveyors
- Return cups available for operations with head gates
- 5° bend sections convenient for applications up to 15°
- Urethane lined/unlined discharge transitions
- Magnetic speed detection
- Manual & electric discharge gates



Additional HSI Product Lines

HSI's product line provides solutions for large farm, small commercial facilities and international markets in capacities up to 10,000 BPH.



Bucket Elevators



Distributor



Truss



Tower



Temp Stor

Farm-Commercial Chain Conveyors

Model 9EF

BPH	CFH	MTH	RPM	FPM	m/s	Box Height (in)	Box Height (mm)	Box Width (in)	Box Width (mm)	Grain Depth (in)	Grain Depth (mm)
2,000	2,488	50.8	42	100	0.38	12.25	311	9	229	8.25	209.55
3,000	3,731	76.2	52	125	0.64	12.25	311	9	229	8.25	209.55
3,500	4,353	88.9	62	150	0.76	12.25	311	9	229	8.25	209.55
4,000	4,975	101.6	73	175	0.89	12.25	311	9	229	8.25	209.55
4,500	5,597	114.3	83	200	1.02	12.25	311	9	229	8.25	209.55

Model 14EF

BPH	CFH	MTH	RPM	FPM	m/s	Box Height (in)	Box Height (mm)	Box Width (in)	Box Width (mm)	Grain Depth (in)	Grain Depth (mm)
3,500	4,353	88.9	42	100	0.51	12.25	311	14	356	8.25	209.55
4,500	5,597	114.3	52	125	0.64	12.25	311	14	356	8.25	209.55
5,500	6,841	139.7	62	150	0.76	12.25	311	14	356	8.25	209.55
6,500	8,085	165.2	73	175	0.89	12.25	311	14	356	8.25	209.55
7,500	9,328	190.6	83	200	1.02	12.25	311	14	356	8.25	209.55

Model 20EF

BPH	CFH	MTH	RPM	FPM	m/s	Box Height (in)	Box Height (mm)	Box Width (in)	Box Width (mm)	Grain Depth (in)	Grain Depth (mm)
5,000	6,219	127.0	42	100	0.51	12.25	311	20	508	8.25	209.55
6,500	8,085	165.2	52	125	0.64	12.25	311	20	508	8.25	209.55
8,000	9,950	203.3	62	150	0.76	12.25	311	20	508	8.25	209.55
9,000	11,194	228.7	73	175	0.89	12.25	311	20	508	8.25	209.55
10,000	12,438	254.1	83	200	1.02	12.25	311	20	508	8.25	209.55

Heavy-Duty Commercial Equipment Available with Capacities up to 60,000 BPH



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