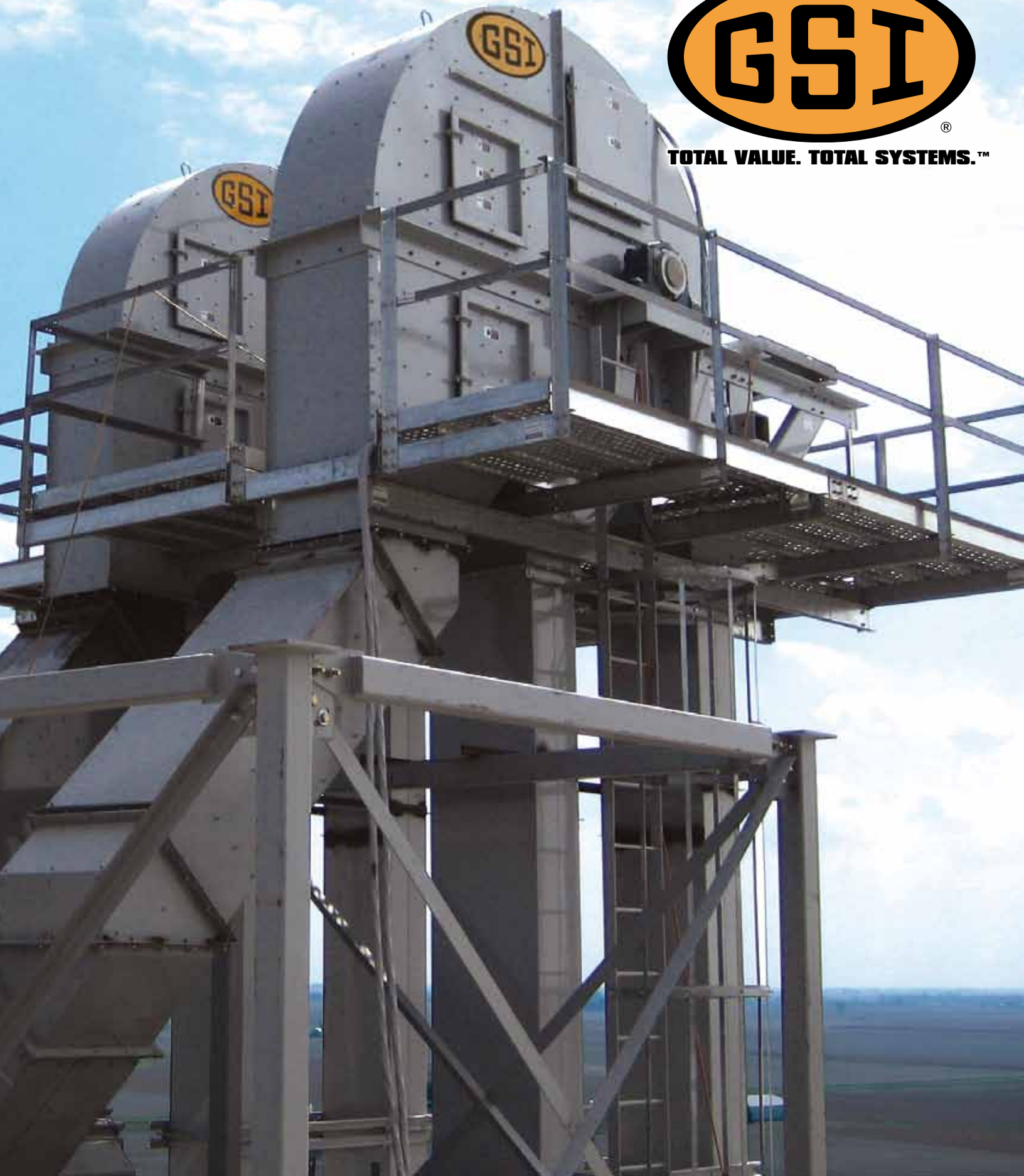


BUCKET ELEVATORS & CONVEYORS

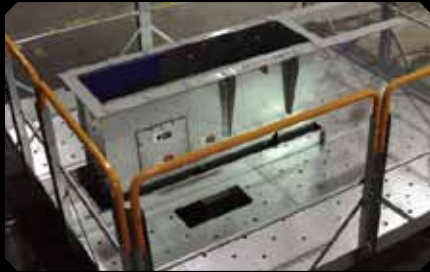


TOTAL VALUE. TOTAL SYSTEMS.™





The jib boom is available in 1/2 ton, 1 ton, and 2 ton models. It features a heavy-duty bolt on design, and is a cost effective solution for your maintenance needs.



X-Series platforms are available for all single row bucket elevators. The platform has increased area surrounding the drive and motor for easy serviceability. Designed to meet OSHA specifications.



Hinged service doors located on both sides of the head section provide convenient access on 42" (1066.8mm) models and larger. Doors are weather tight and flush with the inside.



Heavy-duty, double row, pillow block, roller bearings mounted externally. (Optional fully split bearing available)

BUCKET ELEVATOR HEADS



GSI's bucket elevators & conveyors are engineered to perform and built tough to provide years of reliable service. Whether your business is industrial or agricultural, whether your requirements are for receiving or unloading, pre-processing or post processing, count on GSI for your material handling needs.

GSI's line of bucket elevators are highly corrosion resistant and made with either a galvanized finish or a powder coat finish for lasting durability and superior appearance.

ELEVATOR HEAD FEATURES INCLUDE...

- Two piece hood for interior accessibility.
- Full radius contoured hood to minimize wear and improve material discharge flow.
- Pressure relief panels (large service doors are located on both sides of the hood - 42" (1066 mm) models and larger.)
- Machined, UHMW shaft seals.
- Heavy-duty, crowned face, double disc drum pulley with SOFR (static conductive, oil resistant & fire retardant) lagging.
- Weather tight internal lip seal between head housing and hood to eliminate moisture problems.
- Bearing plates with vertical jack bolts for final installation alignment.
- Fully adjustable throat plate.
- Hinged pulley lagging service doors on both sides of the head housing.

SEE PAGE 10-11 FOR SPECIFICATIONS



ELECTRONIC DISTRIBUTORS

The GSI electronic distributor is the most advanced and user friendly distributor controller on the market. With an industry leading touch screen display, moving spout locations is made easy. With a 6" color screen, one can visually determine the spout position with just a glance. The controller is powered by a PLC with the ability to easily customize text and lock out specific spout numbers. The system uses cutting edge electronic components and an efficient and compact drive configuration that assures high reliability in even the toughest conditions.

When using the GSI electronic distributor controller, one can easily integrate the PLC control into a larger grain network. A user can control the desired spout position from another PLC while the GSI system is responsible for moving and reporting the spout position. There are multiple protocol options for integrating an external controller, including Ethernet and serial.

These features provide the end user with a reliable and easy-to-operate unit for any GSI brand distributor, new or existing.



FEATURES:

- Intuitive controls and menus.
- Multiple protocols available.
- Industry leading HMI touch screen controls.
- Ability to interface with main farm/elevator network.
- Exceptional graphics with the ability to customize text.
- Weather proof controls (NEMA 4 rated).
- UL and UL-C listed for use in US and Canada.
- Direct drive configuration.
- High torque, 400:1 reduction with 1/2 hp 3-phase motor.
- Rotary position sensor for accurate positioning.
- Retrofits to any existing GSI distributor.



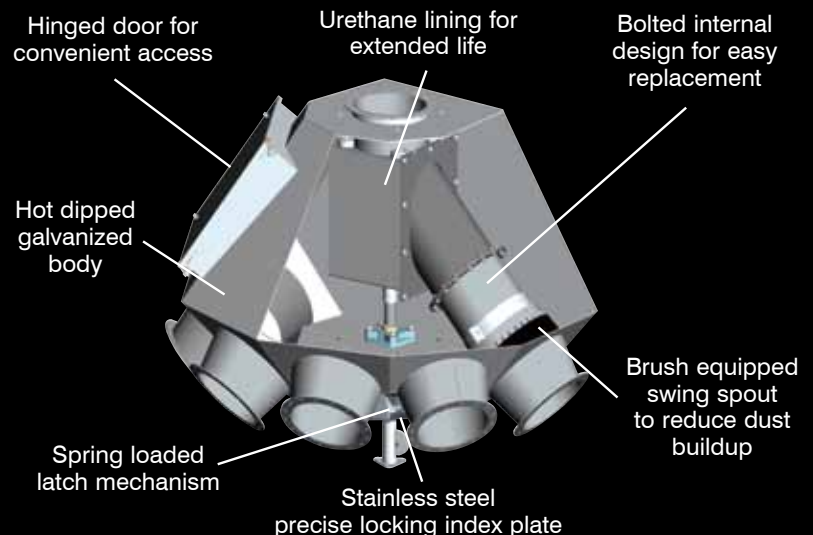
DISTRIBUTORS

DISTRIBUTOR FEATURES:

- 3/16" and 12 gauge body parts. Outlets flanged.
- Located under the distributor is the positive locking stainless steel index plate which offers protection from dust and harsh weather conditions.
- Large throat on internal swing spout, bottom lined with 1/4" urethane for extended wear.
- Swing spout turns on a 1 1/2" ball bearing, heavy-duty shaft connects to cable control.



GSI's line of Distributors are galvanized for long life and minimum maintenance and come in many sizes and models from which to choose.



SEE PAGE 11 FOR SPECIFICATIONS

PAGE 3

BOOTS



GSi BUCKET ELEVATOR BOOTS

Our elevator boots use a structural iron frame construction for solid support throughout the boot. All stiffeners and frames are powder coat finished before assembly for maximum corrosion resistance.

BOOT SECTIONS INCLUDE...

- Externally mounted pillow block bearings.
- Belt tension take-up screws utilizing corrosion resistant acme threaded rod.
- Machined, full length UHMW shaft seal at take-up plate bearing surface.
- Heavy-duty, crown faced, double disc drum pulley.
- Easy access cleanout doors on each end.
- Removable panel at boot top, between trunks, can be adapted to dust collection equipment.
- Standard boot construction of heavy gauge steel and bolted structural angle iron frame with vertical stiffeners.



STANDARD BUCKETS

Buckets are constructed of a durable non-sparking polyethylene. Optional steel, nylon or urethane buckets are also available.



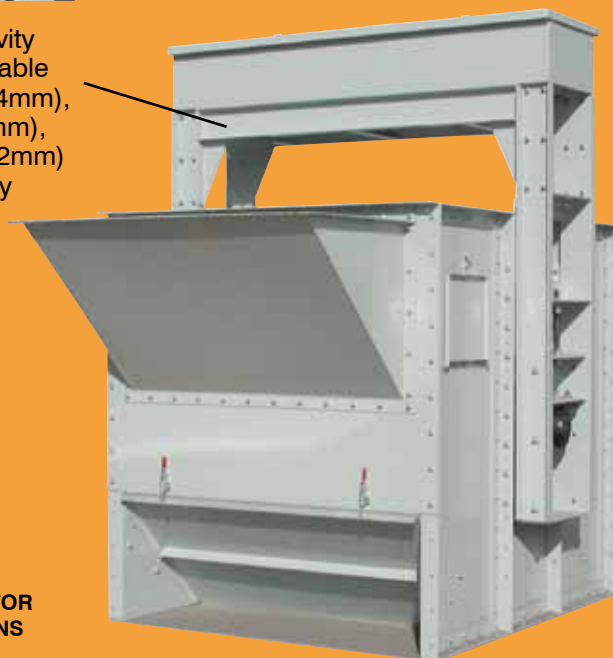
Standard belt tension take-up assembly utilizes corrosion resistant ACME threaded rods.



An inspection window is located on both sides of the boot.

Hinged access door on 42" (1066.8mm) & 48" (1219.2mm) only.

Optional gravity take-up available on 36" (914.4mm), 42" (1066.8mm), & 48" (1219.2mm) elevators only



SEE PAGE 10 FOR SPECIFICATIONS

TRUNKING



Unique bolted tie angle design

- Powder coated 12 gauge (2.65mm) steel construction and heavy-duty 10 gauge (3.41mm) steel with continuous butt weld seams to reduce corrosion from moisture and dust accumulation.
- Galvanized 14 gauge (1.9mm) steel bolted construction.
- Fixture welded, structural angle iron flanges are continuously welded on the outside and stitch welded on the inside.
- Maintenance friendly 10' (3048mm) inspection section with 9' (2743.2mm) long opening at both front and back. Front and back panels can be removed in 3' (914.4mm) increments. The inspection door can be located in 6 different locations for ultimate flexibility.
- Unique bolted tie angle design provides rigidity, squareness to trunking and is independent of flange bolts.
- Durable, SOFR (static conductive, oil resistant & fire retardant) rubber belting.

OTHER BUCKET ELEVATOR OPTIONS:

- 12 gauge (2.65mm) trunk construction.
- 10 gauge (3.41mm) trunk construction on 36" (914.4mm) and larger models only.
- 1/4" (6.35mm) expanded metal back urethane head housing and hood liners.
- Head service and distributor service platforms.
- Ladder and safety cage with rest platforms.
- Winged self cleaning boot pulley.
- Flared boot hopper.
- Standard boot hopper.
- Down leg boot inlet hopper (field installation required).
- Urethane lined head discharge transitions.
- Guy cable brackets.
- Belt alignment and speed monitors.
- Trunking pressure relief vents.
- Additional 1/4" (6.35mm) expanded metal back urethane head housing and hood liners.
- Bolt on shovel pocket (field installed).
- Gravity take-ups with weight box available on 36" (914.4mm) - 48" (1219.2mm) pulley models (weights not provided).



SEE PAGE 10 FOR SPECIFICATIONS

TALL EN-MASSE CONVEYORS 12" (304.8mm), 14" (355.6mm), & 20" (508mm)

GSI 12" (304.8mm), 14" (355.6mm), and 20" (508mm) En-Masse conveyors offer many features to maximize performance and reduce operation costs. For larger grain capacity requirements, GSI offers a 26" (660.4mm) and 32" (812.8 mm) En-Masse Conveyor. These conveyors feature an extra heavy-duty construction, easy access to all vital hardware and a powder coated finish for lasting durability. All of GSI's conveyors are highly corrosion resistant and come standard with a powder coat finish for lasting durability and superior appearance.



TAIL SECTION...

- Extended mount flange bearings on 12" (304.8) and 14" (355.6mm) tall conveyors. External mount pillow block bearings on 20" (508mm) tall conveyors.
- Heavy duty chain tension take-up system utilizing corrosion resistant acme threaded screws.
- Flame cut hardened steel sprockets. Split hubs available
- Maintenance friendly, bolted access to allow removal of the shaft, sprocket, and bearings as an assembly.
- 10 gauge (3.41mm) housing on 12" (304.8mm) and 14" (355.6mm) conveyors, 7 gauge (4.55mm) on 20" (508mm) conveyors.
- Tail shafts are turned ground and polished.



HEAD SECTION...

- Extended mount flange bearings on 12" (304.8mm) and 14" (355.6mm) tall conveyors. External mount pillow block bearings on 20" (508mm) tall conveyors.
- Machined 1/4" (6.35mm) thick UHMW shaft seals.
- Flame cut hardened steel sprockets. Split hubs available
- Maintenance friendly, bolted access to allow removal of the shaft, sprocket, and bearings as an assembly.
- 10 gauge (3.41mm) housing on 12" (304.8mm) and 14" (355.6mm) conveyors, 7 gauge (4.55mm) on 20" (508mm) conveyors.
- Head shafts are turned ground and polished.

TROUGH SECTION FEATURES...

- Dust and weather tight, heavy gauge, peaked covers on head, tail and intermediate trough.
- Abrasion resistant steel wear liners with recessed fasteners for removal or replacement.
- Bolted removable bottom construction.
- Standard 10 gauge (3.41mm) intermediate trough sides.
- Trough sections are fixture assembled for accurate alignment and ease of installation.
- Trough sections are flanged with structural angle to provide rigidity and accurate alignment.
- Standard roller chain engineered for each specific conveyor to maximize working load and expected life.
- UHMW flights prevent steel to steel contact.
- UHMW return rollers with shafts bolted to trough for easy maintenance and replacement are standard on 12" (304.8mm) to 14" (355.6mm) tall conveyors.
- Rail returns are standard on all 20" (508mm) tall conveyors. Rails are lined with 1/4" (6.35mm) abrasion resistant steel and tapered end to end to minimize flight wear and maximize cleaning. Rails overlap at flange connections for smooth operation.

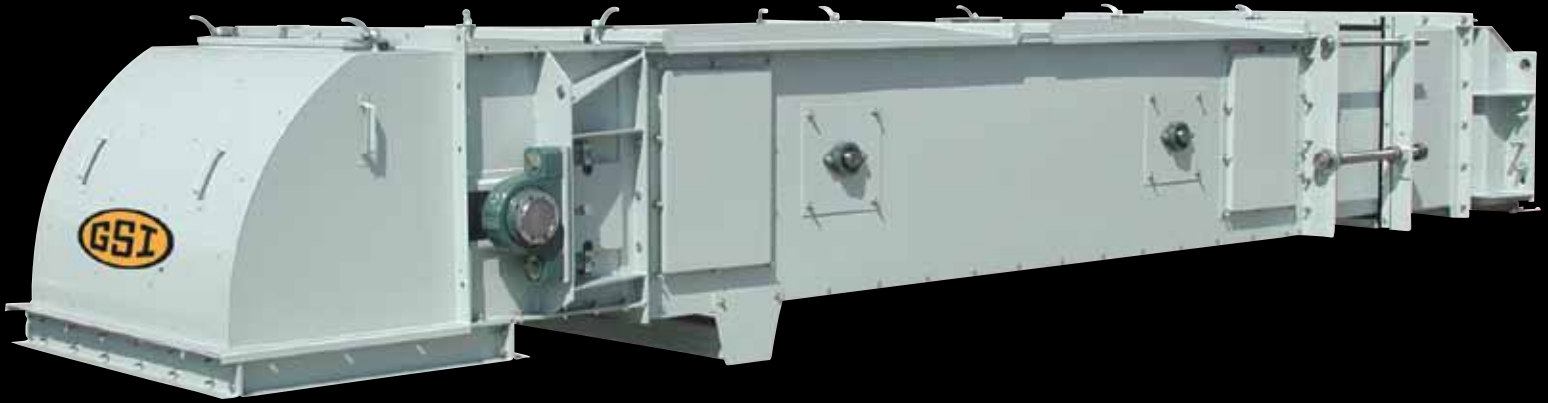
26" (660.4mm) & 32" (812.8mm)

En-Masse Conveyor standard features and options include...

- 6" (152.4mm) pitch welded steel chain with v-cup flight attachments and factory mounted paddles.
- Abrasion resistant steel wear liners with recessed fasteners for removal or replacement.
- Slack chain switch.
- Hinged head relief door with limit switch standard.
- Head and tail housing split for shaft and sprocket removal.
- Standard split sprockets



ENCLOSED BELT CONVEYORS



HEAD SECTION...

- 16" (406.4mm) diameter slide lagged pulley, XT Bushing and hubs - 2" (50.8mm) wider than belt.
- 24" (609.6mm) diameter slide lagged pulley with 10" (254mm) diameter snubber pulley on longer lengths of conveyors XT bushing and hubs - 2" (50.8mm) wider than belt.
- 10 ga. (3.41mm) reinforced housing.
- 12 ga. (2.65mm) slide-off hood, 1/4" (6.35mm) urethane lined front radius, door for plug switch in side of hood.
- Shafting of 1045 turned ground and polished steel.
- Dodge Imperial 2000 series pillow block bearings with triple lip Trident seal, adapter lock collar and replaceable bearing insert, jack screws with shims for belt alignment.



A re-lagging door on both sides of the head allows for easy removal and installation of the slide lags without breaking the belt.

TAIL SECTION...

- 14" (355.6mm) spiral wing type pulley with reloading rubber flippers at each end.
- Plow assembly between belts to move spilled material to side reloaders. Adjustable with replaceable skirting.
- 18" (457.2mm), 24" (609.6mm), 36" (914.4mm) and 48" (1219.2mm) manual take-up with acme threads on take-up screws.
- Dodge Imperial 2000 series pillow block bearings with triple lip Trident seal, adapter lock collar and replaceable bearing insert, jack screws with shims for belt alignment.
- Shafting of 1045 turned ground and polished steel.
- 3/16" (4.76mm) thick take-up housing.
- Quick-detach or swing-up tail shroud for access to pulley (see below).



INTERMEDIATE SECTION...

- Anti-static UHMW bottom liners, 1/4" (6.35mm) thick, bolted in slots to allow for thermal expansion.
- 10'-0" (3.05m) Intermediate sections with 5'-0" (1.52m) clamp-on covers.
- 45° Idler Rollers on 5'-0" (1.52m) centers with 1-3/8" dia. removable stub shafts, shouldered to 1-1/4" (31.75mm) dia. for idler roller alignment.
- Dodge 1-1/4" (31.75mm) dia. 2 bolt SC ball bearings, 207 series.
- 12 ga. (2.65mm) housing, 26" (660.4mm) tall with 2" (50.8mm) flange joints.
- Inspection doors at intermediate section next to head and tail section.

QUICK DETACH TAIL COVER



LOADER AND BELT

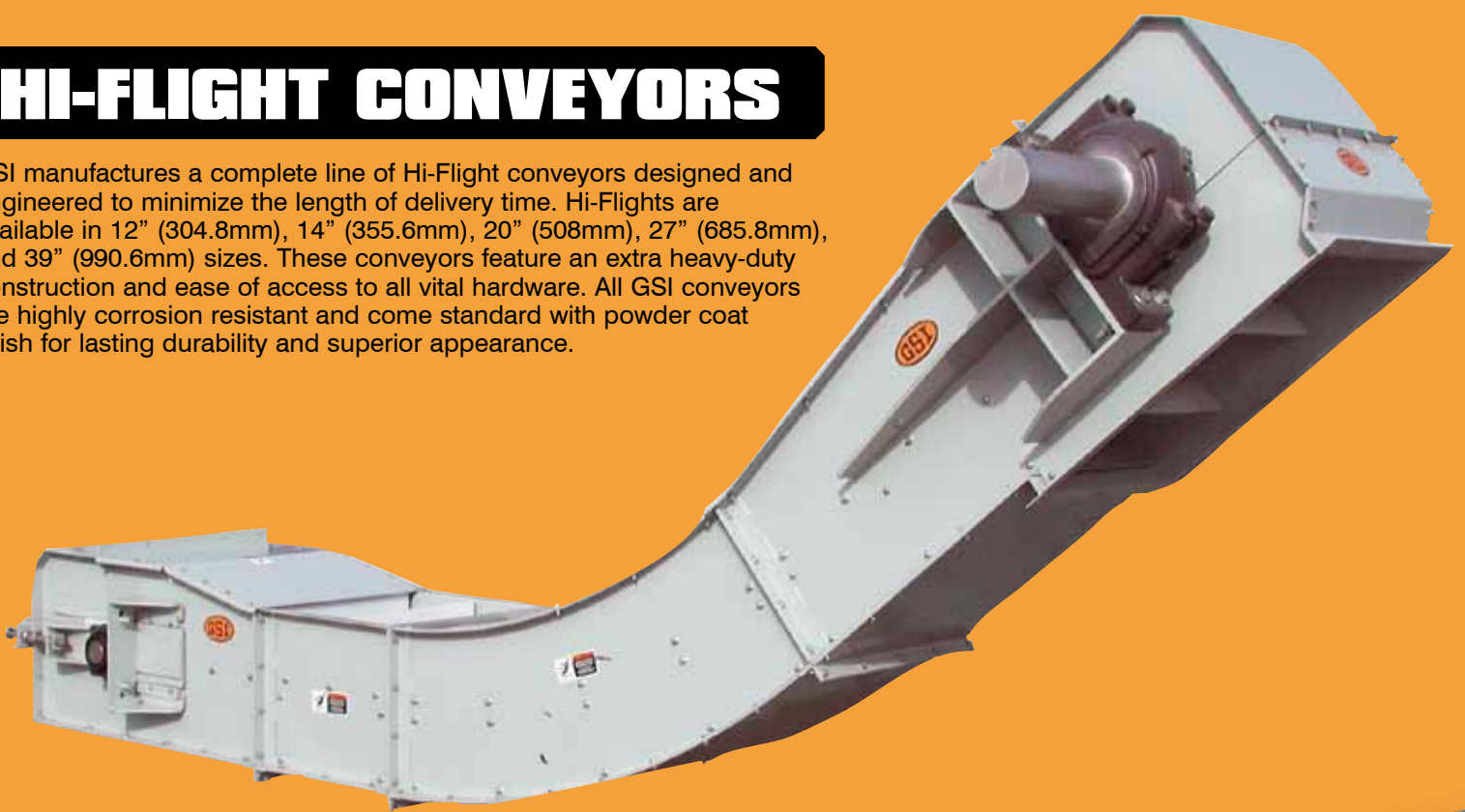
- Urethane lined loader (sides and rear), skirted, with matching spout angle frame.
- Pivoting UHMW skirts with stops on the conveyor with multiple inlets.
- Inspection door at the front of the loader.
- Flexco splice, 140EE, belt pre-punched at both ends.
- SOR-SC-FR rubber belting with tail reloading rubber flippers at splice.
- Full width tubular torque arm restraint.

OPTIONS

- 1/2" (12.7mm) UHMW Bottom Liner
- Heavy Idler Assemblies
- Low Profile Heads
- Low Profile Loaders
- Clean-out Inlets
- Ceramic Tile and other liner options

HI-FLIGHT CONVEYORS

GSI manufactures a complete line of Hi-Flight conveyors designed and engineered to minimize the length of delivery time. Hi-Flights are available in 12" (304.8mm), 14" (355.6mm), 20" (508mm), 27" (685.8mm), and 39" (990.6mm) sizes. These conveyors feature an extra heavy-duty construction and ease of access to all vital hardware. All GSI conveyors are highly corrosion resistant and come standard with powder coat finish for lasting durability and superior appearance.



TAIL SECTION...

- Externally mounted pillow block bearings are standard on all sizes.
- Heavy duty chain tension take-up system utilizing corrosion resistant acme threaded screws.
- Flame cut hardened steel sprockets. Split hubs available.
- Maintenance friendly, slit housings to allow removal of the shaft, sprocket, and bearings as an assembly.
- 10 gauge (3.41mm) housing on 12" (304.8mm) and 14" (355.6mm) conveyors, 7 gauge (4.55mm) on 20" (508mm) and 27" (685.8mm) conveyors, 1/4" plate on 39" (990.6mm) conveyors.
- Tail shafts are turned ground and polished.
- Machined 1/4" (6.35mm) thick UHMW shaft seals.



HEAD SECTION...

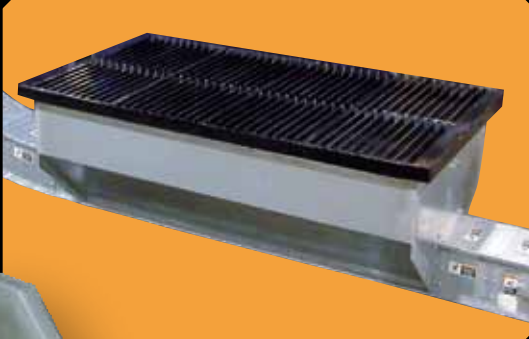
- Externally mounted pillow block bearings are standard on all sizes.
- Flame cut hardened steel sprockets. Split hubs available.
- Maintenance friendly slit housings to allow removal of the shaft, sprocket, and bearings as an assembly.
- 10 gauge (3.41mm) housing on 12" (304.8mm) and 14" (355.6mm) conveyors, 7 gauge (4.55mm) on 20" (508mm) and 27" (685.8mm) conveyors, 1/4" plate on 39" (990.6mm) conveyors.
- Head shafts are turned ground and polished.
- Machined 1/4" (6.35mm) thick UHMW shaft seals.

TROUGH SECTION FEATURES...

- Dust and weather tight, heavy gauge, flat covers on head, tail and intermediate trough.
- Bolted removable bottom construction.
- Standard 10 gauge (3.41mm) intermediate trough sides (7 gauge sides on 39" conveyors).
- Trough section are fixture assembled for accurate alignment and ease of installation.
- Trough section are flanged with structural angle to provide rigidity and accurate alignment.
- Standard roller chain engineered for each specific conveyor to maximize working load and expected life.
- 6" welded steel chain used in 27" and 39" tall conveyors.
- UHMW flights prevent steel to steel contact.
- Center pan returns are standard in trough section with rail returns being optional in horizontal section only.
- Inlet options include bypass inlets, bypass dump hoppers, and standard flanged inlets.
- Abrasion resistant steel wear liners with recessed fasteners for removal or replacement.



By-Pass Dump Hoppers are available



Optional welded bar grating with grain deflectors in 2' (.61m) wide sections.



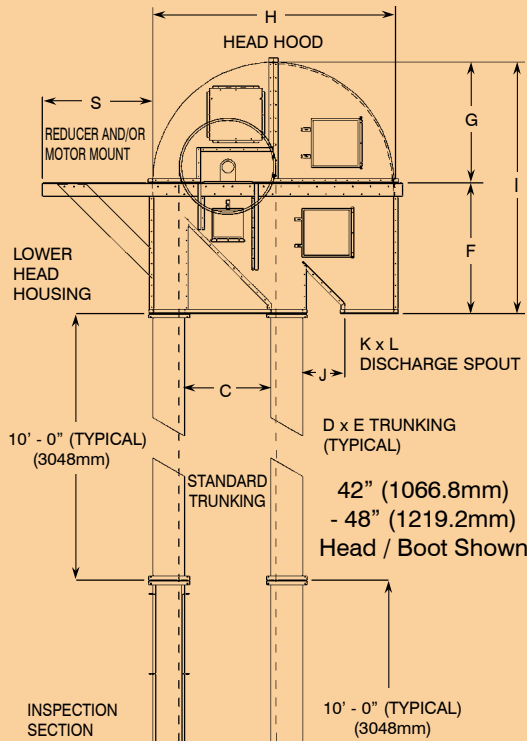
SPECIFICATIONS BUCKET ELEVATORS

Single Row Bucket Elevators
Dimensions - inches

Pulley size	16	24	30	36	42	42	48
BPH	1500-3000	3000-5600	5000-7000	5000-10000	8000-15000	20000	14000-20000
CFH	1875-3750	3750-7000	6250-8750	6250-12500	10000-18750	25000	17500-25000
MTH	38-76	102-142	127-177	127-254	204-381	510	356-510
A	34"	42"	52"	58"	67"	67"	73"
B	60"	60"	60"	60"	72"	72"	72"
C	14"	22"	28"	34"	39"	39"	45"
D	10"	10"	12"	12"	14"	14"	14"
E	16"	16"	18"	18"	22"	26"	26"
F	36"	36"	46.5"	46.5"	58.5"	58.5"	58.5"
G	29"	33"	42"	48"	60"	60"	60"
H	58"	66"	84"	96"	108"	108"	120"
I	65"	69"	88.5"	94.5"	118.5"	118.5"	118.5"
J	12"	12"	14"	20"	19"	19"	23"
K	12"	12"	18"	18"	22"	22"	24"
L	16"	16"	18"	18"	22"	26"	26"
M	35"	42"	50"	53"	62"	62"	69"
N	14"	16"	20"	20"	24"	24"	28"
O	10"	13"	14"	14"	16"	18"	18"
P	21"	26"	30"	33"	38"	38"	41"
S	30"	30"	37"	34"	50"	50"	62"
T	49"	41"	61"	56"	76"	75"	86"
U	39"	39"	24"	23"	28"	44"	52"
V	52"	52"	52"	52"	53"	53"	58"
W	122"	122"	137"	137"	171"	188"	212"
X	47"	47"	58"	56"	41"	40"	43"
Y	47"	47"	44"	44"	53"	66"	67"
Z	112"	112"	124"	123"	120"	136"	140"

Single Row Bucket Elevators
Dimensions - mm

Pulley size	406	610	762	914	1066	1066	1219
BPH	1500-3000	3000-5600	5000-7000	5000-10000	8000-15000	20000	14000-20000
CFH	1875-3750	3750-7000	6250-8750	6250-12500	10000-18750	25000	17500-25000
MTH	38-76	102-142	127-177	127-254	204-381	510	356-510
A	864	1067	1321	1473	1702	1702	1854
B	1524	1524	1524	1524	1829	1829	1829
C	356	559	711	864	991	991	1143
D	254	254	305	305	356	356	356
E	406	406	457	457	559	660	660
F	914	914	1181	1181	1486	1486	1486
G	737	838	1067	1219	1524	1524	1524
H	1473	1676	2134	2438	2743	2743	3048
I	1651	1753	2248	2400	3010	3010	3010
J	305	305	356	508	483	483	584
K	305	305	457	457	559	559	610
L	406	406	457	457	559	660	660
M	889	1067	1270	1346	1575	1575	1753
N	356	406	508	508	610	610	711
O	254	330	356	356	406	457	457
P	533	660	762	838	965	965	1041
S	762	762	940	864	1270	1270	1575
T	1244	1041	1549	1422	1930	1905	2184
U	990	990	609	584	711	1118	1321
V	1320	1320	1320	1320	1346	1346	1473
W	3098	3098	3479	3479	4343	4775	5385
X	1194	1194	1473	1422	1041	1016	1092
Y	1194	1194	1118	1118	1346	1676	1702
Z	2845	2845	3150	3124	3048	3454	3556

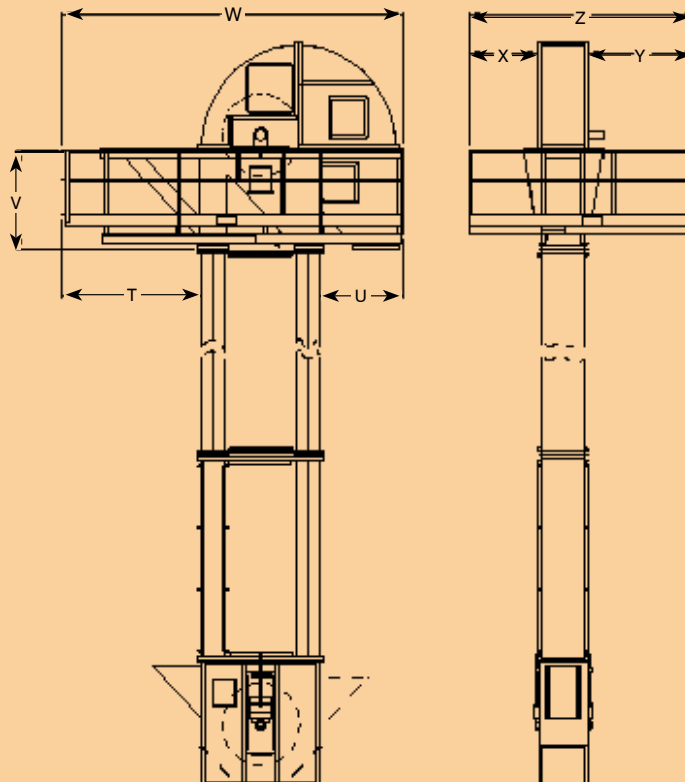


Two Row Bucket Elevators
Dimensions - in

Pulley size	42-250	42-300	42-400	48-250	48-300	48-400
BPH	25000	30000	40000	25000	30000	40000
CFH	31250	37500	50000	31250	37500	50000
MTH	637	765	1020	637	765	1020
A	67"	67"	67"	73"	73"	73"
B	72"	72"	72"	72"	72"	72"
C	39"	39"	39"	45"	45"	45"
D	14"	14"	14"	14"	14"	14"
E	38"	42"	50"	38"	42"	50"
F	58.5"	58.5"	58.5"	58.5"	58.5"	58.5"
G	60"	60"	60"	60"	60"	60"
H	108"	108"	108"	120"	120"	120"
I	118.5"	118.5"	118.5"	118.5"	118.5"	118.5"
J	19"	19"	19"	23"	23"	23"
K	22"	22"	22"	24"	24"	24"
L	38"	42"	50"	38"	42"	50"
M	62"	62"	62"	69"	69"	69"
N	24"	24"	24"	28"	28"	28"
O	30"	36"	42"	30"	34"	42"
P	38"	38"	38"	41"	41"	41"
S	50"	50"	50"	62"	62"	62"

Two Row Bucket Elevators
Dimensions - mm

Pulley size	1066	1066	1066	1219	1219	1219
BPH	25000	30000	40000	25000	30000	40000
CFH	31250	37500	50000	31250	37500	50000
MTH	637	765	1020	637	765	1020
A	1702	1702	1702	1854	1854	1854
B	1829	1829	1829	1829	1829	1829
C	991	991	991	1143	1143	1143
D	356	356	356	356	356	356
E	965	1067	1270	965	1067	1270
F	1486	1486	1486	1486	1486	1486
G	1524	1524	1524	1524	1524	1524
H	2743	2743	2743	3048	3048	3048
I	3010	3010	3010	3010	3010	3010
J	483	483	483	584	584	584
K	559	559	559	610	610	610
L	965	1067	1270	965	1067	1270
M	1575	1575	1575	1753	1753	1753
N	610	610	610	711	711	711
O	762	914	1067	762	864	1067
P	965	965	965	1041	1041	1041
S	1270	1270	1270	1575	1575	1575



Three Row Bucket Elevators
Dimensions - in.

Pulley size	48-400	48-500	48-500	48-600
BPH	40000	50000	50000	60000
CFH	50000	62500	62500	75000
MTH	1020	1267	1267	1520
A	73"	73"	76"	76"
B	72"	72"	84"	84"
C	45"	45"	44"	44"
D	14"	14"	16"	16"
E	60"	60"	72"	72"
F	58.5"	58.5"	58.5"	58.5"
G	60"	60"	60"	60"
H	120"	120"	123"	123"
I	118.5"	118.5"	118.5"	118.5"
J	23"	23"	23"	23"
K	24"	24"	24"	24"
L	60"	60"	72"	72"
M	69"	69"	81"	81"
N	28"	28"	28"	28"
O	52"	52"	64"	64"
P	41"	41"	51"	51"
S	62"	62"	62"	62"

Three Row Bucket Elevators
Dimensions - mm

Pulley size	1219	1219	1219	1219
BPH	40000	50000	50000	60000
CFH	50000	62500	62500	75000
MTH	1020	1267	1267	1520
A	1854	1854	1930	1930
B	1829	1829	2134	2134
C	1143	1143	1118	1118
D	356	356	406	406
E	1524	1524	1829	1829
F	1486	1486	1486	1486
G	1524	1524	1524	1524
H	3048	3048	3124	3124
I	3010	3010	3010	3010
J	584	584	584	584
K	610	610	610	610
L	1524	1524	1829	1829
M	1753	1753	2057	2057
N	711	711	711	711
O	1321	1321	1626	1626
P	1041	1041	1295	1295
S	1575	1575	1575	1575

Bucket Elevators Dimensions - inches

MODEL	BPH	CFH	MTH	Pulley	RPM	FPM	Bucket Size	Bucket Spacing	Trunking Size
15P16/15G16	1500	1875	38	16	95	423	9 X 5	9	10 X 16
20P16/20G16	2000	2500	51	16	95	423	9 X 5	7	10 X 16
25P16/25G16	2500	3125	63	16	95	423	9 X 6	8	10 X 16
30P16/30G16	3000	3750	76	16	95	423	9 X 6	6.5	10 X 16
30P24/30G24	3000	3750	76	24	73	478	10 X 6	8	10 X 16
40P24/40G24	4000	5000	101	24	73	478	11 X 6	7	10 X 16
50P24/50G24	5000	6250	127	24	73	478	11 X 6 Lp	5.5	10 X 16
56P24/56G24	5600	7000	142	24	73	478	11 X 6 Lp	5	10 X 16
50P30/50G30	5000	6250	127	30	67	544	13 X 6	8	12 X 18
60P30/60G30	6000	7500	152	30	67	544	13 X 7	9	12 X 18
70P30/70G30	7000	8750	177	30	67	544	13 X 7	8	12 X 18
50P36/50G36	5000	6250	127	36	64	620	12 X 6	8	12 X 18
60P36/60G36	6000	7500	152	36	64	620	11 X 7	8.5	12 X 18
70P36/70G36	7000	8750	177	36	64	620	13 X 7	9	12 X 18
75P36/75G36	7500	9375	191	36	64	620	13 X 7	8.5	12 X 18
80P36/80G36	8000	10,000	204	36	64	620	13 X 7	8	12 X 18
100P36/100G36	10,000	12,500	255	36	64	620	13 X 7 Lp	6	12 X 18
80P42/80G42	8000	10,000	204	42	60	675	14 X 7	9	14 X 22
100P42/100G42	10,000	12,500	255	42	60	675	14 X 8	10	14 X 22
120P42/120G42	12,000	15,000	306	42	60	675	16 X 8	10	14 X 22
140P42/140G42	14,000	17,500	355	42	60	675	16 X 8	9	14 X 22
150P42/150G42	15,000	18,750	382	42	60	675	16 X 8 Lp	7.5	14 X 22
200P42/200G42	20,000	25,000	510	42	60	675	20 X 8 Lp	7	14 X 26
140P48/140G48	14,000	17,500	355	48	56	720	16 X 8	9.5	14 X 26
150P48/150G48	15,000	18,750	382	48	56	720	18 X 8	9.5	14 X 26
160P48/160G48	16,000	20,000	405	48	56	720	18 X 8	9	14 X 26
200P48/200G48	20,000	25,000	510	48	56	720	20 X 8 Lp	7.5	14 X 26
250P42	25,000	31,250	637	42	60	675	(2) 14 X 8 Lp	7.5	14 X 38
300P42	30,000	37,500	760	42	60	675	(2) 16 X 8 Lp	7.5	14 X 42
400P42	40,000	50,000	1013	42	60	675	(2) 20 X 8 Lp	7	14 X 50
250P48	25,000	31,250	637	48	56	720	(2) 14 X 8	9	14 X 38
300P48	30,000	37,500	760	48	56	720	(2) 16 X 8	9	14 X 42
400P48	40,000	50,000	1013	48	56	720	(2) 20 X 8 Lp	7.5	14 X 50
400P48	40,000	50,000	1013	48	56	720	(3) 16 X 8	9.5	14 X 60
500P48	50,000	62,500	1267	48	56	720	(3) 16 X 8	7	14 X 60
500P48	50,000	62,500	1267	48	56	720	(3) 20 X 8	9.5	16 X 72
600P48	60,000	75,000	1520	48	56	720	(3) 20 X 8 Lp	7.5	16 X 72

Bucket Elevators Dimensions - mm

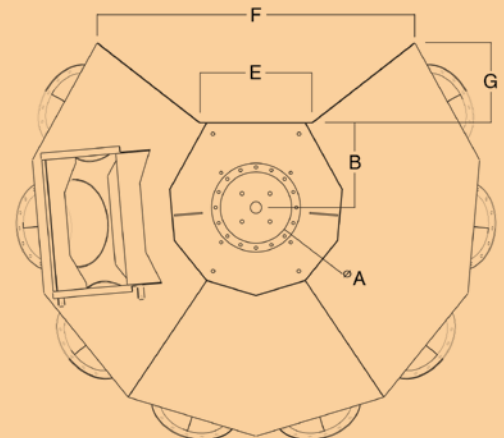
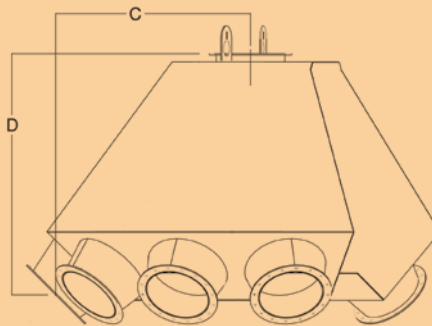
MODEL	BPH	CFH	MTH	Pulley	RPM	M/S	Bucket Size	Bucket Spacing	Trunking Size
15P16/15G16	1500	1875	38	16	95	2.15	228 X 127	228	254 X 406
20P16/20G16	2000	2500	51	16	95	2.15	228 X 127	178	254 X 406
25P16/25G16	2500	3125	63	16	95	2.15	228 X 153	203	254 X 406
30P16/30G16	3000	3750	76	16	95	2.15	228 X 153	166	254 X 406
30P24/30G24	3000	3750	76	24	73	2.43	254 X 153	203	254 X 406
40P24/40G24	4000	5000	101	24	73	2.43	279 X 153	178	254 X 406
50P24/50G24	5000	6250	127	24	73	2.43	279 X 153	140	254 X 406
56P24/56G24	5600	7000	142	24	73	2.43	279 X 153	127	254 X 406
50P30/50G30	5000	6250	127	30	67	2.76	330 X 153	203	304 X 457
60P30/60G30	6000	7500	152	30	67	2.76	330 X 178	228	304 X 457
70P30/70G30	7000	8750	177	30	67	2.76	330 X 178	203	304 X 457
50P36/50G36	5000	6250	127	36	64	3.15	305 X 153	203	304 X 457
60P36/60G36	6000	7500	152	36	64	3.15	279 X 178	216	304 X 457
70P36/70G36	7000	8750	177	36	64	3.15	330 X 178	228	304 X 457
75P36/75G36	7500	9375	191	36	64	3.15	330 X 178	216	304 X 457
80P36/80G36	8000	10,000	204	36	64	3.15	330 X 178	203	304 X 457
100P36/100G36	10,000	12,500	255	36	64	3.15	330 X 178	153	304 X 457
80P42/80G42	8000	10,000	204	42	60	3.43	355 X 178	228	355 X 558
100P42/100G42	10,000	12,500	255	42	60	3.43	355 X 203	254	355 X 558
120P42/120G42	12,000	15,000	306	42	60	3.43	406 X 203	254	355 X 558
140P42/140G42	14,000	17,500	355	42	60	3.43	406 X 203	228	355 X 558
150P42/150G42	15,000	18,750	382	42	60	3.43	406 X 203	191	355 X 558
200P42/200G42	20,000	25,000	510	42	60	3.43	508 X 203	178	355 X 660
140P48/140G48	14,000	17,500	355	48	56	3.65	406 X 203	241	355 X 660
150P48/150G48	15,000	18,750	382	48	56	3.65	457 X 203	241	355 X 660
160P48/160G48	16,000	20,000	405	48	56	3.65	457 X 203	228	355 X 660
200P48/200G48	20,000	25,000	510	48	56	3.65	508 X 203	191	355 X 660
250P42	25,000	31,250	637	42	60	3.43	(2) 355 X 203	191	355 X 965
300P42	30,000	37,500	760	42	60	3.43	(2) 406 X 203	191	355 X 1066
400P42	40,000	50,000	1013	42	60	3.43	(2) 508 X 203	178	355 X 1270
250P48	25,000	31,250	637	48	56	3.65	(2) 355 X 203	228	355 X 965
300P48	30,000	37,500	760	48	56	3.65	(2) 406 X 203	228	355 X 1066
400P48	40,000	50,000	1013	48	56	3.65	(2) 508 X 203	191	355 X 1270
400P48	40,000	50,000	1013	48	56	3.65	(3) 406 X 203	241	355 X 1524
500P48	50,000	62,500	1267	48	56	3.65	(3) 406 X 203	178	355 X 1524
500P48	50,000	62,500	1267	48	56	3.65	(3) 508 X 203	241	406 X 1829
600P48	60,000	75,000	1520	48	56	3.65	(3) 508 X 203	191	406 X 1829

Color Guide

Powder Coated or Galvanized
Powder Coated Only

- Capacities based on dry, free flowing, granular material with proper loading and unloading conditions at 45#/CF. (721kg/m³) using conservative cup capacities per manufacturer's recommendations.
- The raw material gauge specifications refer to hot rolled steel. For galvanized steel requirements the specifications are identical, except 8 Ga. (4.26mm) galvanized steel replaces 7 Ga. (4.55mm) hot rolled steel.
- General specifications and dimensions are subject to change without notice.
- General specifications and dimensions are intended to provide sales assistance and preliminary guide to system layout only.

SPECIFICATIONS DISTRIBUTORS



A	Outlets	B	C	D	E	F	G
6"	4 Hole	9-7/16"	21-13/16"	30-21/32"	-	-	-
	6 Hole	11-3/32"	21-13/16"	30-9/16"	42-9/16"	-	-
	8 Hole	10-3/32"	27-21/32"	35-1/32"	16"	50-19/32"	2-3/16"
8"	6 Hole	11-1/8"	21-13/16"	30-5/8"	42-9/16"	-	-
	8 Hole	12-1/8"	26-7/8"	35-11/16"	15-31/32"	46-3/8"	3-3/16"
	10 Hole	12-1/8"	34-5/8"	43-3/8"	15-15/16"	56-3/16"	10-7/16"
10"	6 Hole	12-1/8"	26-1/16"	33-1/8"	53-5/32"	-	-
	8 Hole	12-1/8"	29-13/16"	36-15/16"	15-15/16"	15-1/4"	11-7/16"
	10 Hole	12-1/8"	40-3/8"	47-1/2"	15-15/16"	66-13/16"	14-11/16"
12"	4 Hole	13-1/8"	28-1/8"	34-13/16"	24-3/4"	-	-
	6 Hole	13-1/8"	28-1/8"	34-13/16"	59-5/16"	-	-
	8 Hole	12-1/8"	35-1/16"	41-3/4"	15-15/16"	61-7/8"	11"
14"	10 Hole	13-3/32"	44-1/16"	51-17/32"	15-15/16"	73-15/16"	16-13/32"
	4 Hole	14-31/32"	32-29/32"	47-7/16"	29-3/16"	-	-
	6 Hole	15"	32-29/32"	46-27/32"	67-27/32"	-	-
	8 Hole	12-1/8"	40-5/16"	48-7/8"	15-15/16"	70-11/16"	14-1/4"

A (mm)	Outlets	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
152.4	4 Hole	239.7	554.0	778.7	-	-	-
	6 Hole	281.8	554.0	776.3	1081.1	-	-
	8 Hole	256.4	702.5	889.8	406.4	1285.1	55.6
203.2	6 Hole	282.6	554.0	777.9	1081.1	-	-
	8 Hole	308.0	682.6	906.5	405.6	923.9	81.0
	10 Hole	308.0	879.5	1101.7	404.8	1427.2	265.1
254.0	6 Hole	308.0	662.0	841.4	1350.2	-	-
	8 Hole	308.0	757.2	938.2	404.8	387.4	290.5
	10 Hole	308.0	1025.5	1206.5	404.8	1697.0	373.1
304.8	4 Hole	333.4	714.4	884.2	628.7	-	-
	6 Hole	333.4	714.4	884.2	1506.5	-	-
	8 Hole	308.0	890.6	1060.5	404.8	1571.6	279.4
355.6	10 Hole	332.6	1119.2	1308.9	404.8	1878.0	416.7
	4 Hole	380.2	835.8	1204.9	741.4	-	-
	6 Hole	381.0	835.8	1189.8	1723.2	-	-
	8 Hole	308.0	1023.9	1241.4	404.8	1795.5	362.0

- * All 4 and 6 hole distributors are flat back.
* All 8 and 10 hole distributors are wing back.

SPECIFICATIONS 12" [304.8mm], 14" [355.6mm], 20" [508mm] EN-MASSÉ CONVEYORS

12", 14", & 20" En-Masse Conveyor - BPH

Size (W x H)	1*	100*	110*	120*	130*	140*	150*	160*	170*	180*
9" x 12"	21	2100	2310	2520	2730	2940	3150	3360	3570	3780
12" x 12"	28	2800	3080	3360	3640	3920	4200	4480	4760	5040
16" x 12"	37	3700	4070	4440	4810	5180	5550	5920	6290	6660
16" x 14"	45	4500	4950	5400	5850	6300	6750	7200	7650	8100
21" x 14"	60	5950	6545	7140	7735	8330	8925	9520	10115	10710
14" x 20"	65	6500	7150	7800	8450	9100	9750	10400	11050	11700
16" x 20"	75	7450	8195	8940	9685	10430	11175	11920	12665	13410
20" x 20"	93	9300	10230	11160	12090	13020	13950	14880	15810	16740
26" x 20"	121	12100	13310	14520	15730	16940	18150	19360	20570	21780
32" x 20"	142	14200	15620	17040	18460	19880	21300	22720	24140	25560

* Feet Per Minute

12", 14", & 20" En-Masse Conveyor - MTH

Size (W x H)	1	100	110	120	130	140	150	160	170	180
228.6 x 304.8	0.5	53.6	58.9	64.3	69.6	75.0	80.3	85.7	91.0	96.4
304.8 x 304.8	0.7	71.4	78.5	85.7	92.8	100.0	107.1	114.2	121.4	128.5
406.4 x 304.8	0.9	94.4	103.8	113.2	122.7	132.1	141.5	151.0	160.4	169.8
406.4 x 355.6	1.1	114.8	126.2	137.7	149.2	160.7	172.1	183.6	195.1	206.6
533.4 x 355.6	1.5	151.7	166.9	182.1	197.2	212.4	227.6	242.8	257.9	273.1
355.6 x 508.0	1.7	165.8	182.3	198.9	215.5	232.1	248.6	265.2	281.8	298.4
406.4 x 508.0	1.9	190.0	209.0	228.0	247.0	266.0	285.0	304.0	323.0	342.0
508.0 x 508.0	2.4	237.2	260.9	284.6	308.3	332.0	355.7	379.4	403.2	426.9
660.4 x 508.0	3.1	308.6	339.4	370.3	401.1	432.0	462.8	493.7	524.5	555.4
812.8 x 508.0	3.6	362.1	398.3	434.5	470.7	506.9	543.2	579.4	615.6	651.8

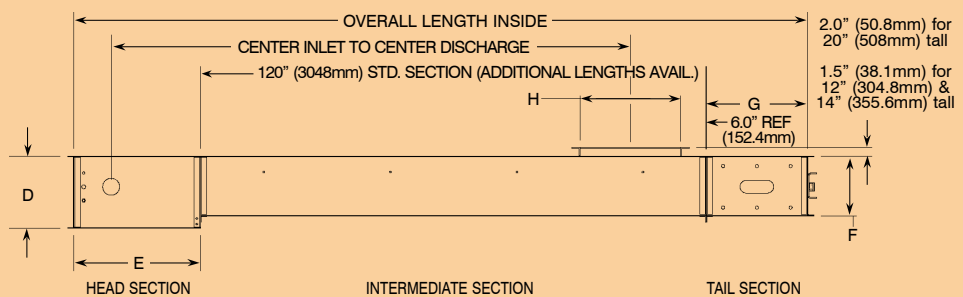
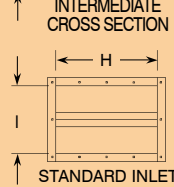
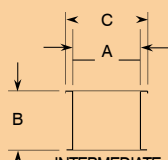
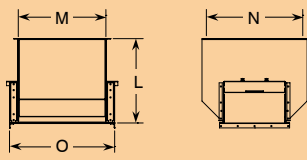
12", 14", & 20" En-Masse Conveyor Dimensions - inches

Size (W x H)	A	B	C	D	E	F	G	H	I	L	M	N	O*
9" x 12"	9	12	13	15	24	12	24	24	9	20.75	30	21	36
12" x 12"	12	12	16	15	24	12	24	24	12	22.25	30	24	36
16" x 12"	16	12	20	15	24	12	24	24	16	24.25	30	28	36
16" x 14"	16	14	20	17	30	14	24	24	16	26.25	30	28	36
21" x 14"	21	14	25	17	30	14	24	24	21	28.75	30	33	36
14" x 20"	14	20	19	23	36	20	30	24	14	31	30	34	36
16" x 20"	16	20	21	23	36	20	30	24	16	32	30	36	36
20" x 20"	20	20	25	23	36	20	30	24	20	34	30	40	36
26" x 20"	26	20	31	23	36	20	30	24	26	37	30	46	36
32" x 20"	32	20	37	23	36	20	30	24	32	40	30	52.25	36

* 36" standard length. Longer lengths are available.

304.8mm, 355.6mm, & 508mm En-Masse Conveyor Dimensions - mm

Size (W x H)	A	B	C	D	E	F	G	H	I	L	M	N	O*
228.6 x 304.8	228.6	304.8	325.1	381.0	609.6	304.8	609.6	609.6	228.6	527.1	762.0	533.4	914.4
304.8 x 304.8	304.8	304.8	401.3	381.0	609.6	304.8	609.6	609.6	304.8	565.2	762.0	609.6	914.4
406.4 x 304.8	406.4	304.8	502.9	381.0	609.6	304.8	609.6	609.6	406.4	616.0	762.0	711.2	914.4
406.4 x 355.6	406.4	355.6	502.9	431.8	762.0	355.6	609.6	609.6	406.4	666.8	762.0	711.2	914.4
533.4 x 355.6	533.4	355.6	629.9	431.8	762.0	355.6	609.6	609.6	533.4	730.3	762.0	838.2	914.4
355.6 x 508.0	355.6	508.0	477.5	584.2	914.4	508.0	762.0	609.6	355.6	787.4	762.0	863.6	914.4
406.4 x 508.0	406.4	508.0	528.3	584.2	914.4	508.0	762.0	609.6	406.4	812.8	762.0	914.4	914.4
508.0 x 508.0	508.0	508.0	629.9	584.2	914.4	508.0	762.0	609.6	508.0	863.6	762.0	1016.0	914.4
660.4 x 508.0	660.4	508.0	782.3	584.2	914.4	508.0	762.0	609.6	660.4	939.8	762.0	1168.4	914.4
812.8 x 508.0	812.8	508.0	934.7	584.2	914.4	508.0	762.0	609.6	812.8	1016.0	762.0	1327.2	914.4



GENERAL NOTES:

Capacities based on dry, free flowing, granular material conveyed horizontally with proper loading and discharging conditions at 45#/CF. (721 kg/m³). Capacities based on using top load inlets. Bypass inlets will reduce capacity. Consult inside sales. General specifications and dimensions are subject to change without notice. General specifications and dimensions are intended to provide sales assistance and a preliminary guide to system layout only.

12", 14", & 20" En-Masse Bend Section Dimensions - inches

Size (W x H)	5° BEND			10° BEND			15° BEND		
	P	Q	R	P	Q	R	P	Q	R
9" x 12"	1.319	30.218	71.87	3.175	36.297	71.87	5.554	42.192	71.87
12" x 12"	1.319	30.218	71.87	3.175	36.297	71.87	5.554	42.192	71.87
16" x 12"	1.319	30.218	71.87	3.175	36.297	71.87	5.554	42.192	71.87
16" x 14"	1.319	30.218	71.87	3.175	36.297	71.87	5.554	42.192	71.87
21" x 14"	1.319	30.218	71.87	3.175	36.297	71.87	5.554	42.192	71.87
14" x 20"	1.45	33.35	107.87	3.54	40.465	107.87	6.78	51.50	107.87
16" x 20"	1.45	33.35	107.87	3.54	40.465	107.87	6.78	51.50	107.87
20" x 20"	1.45	33.35	107.87	3.54	40.465	107.87	6.78	51.50	107.87
26" x 20"	1.45	33.35	107.87	3.54	40.465	107.87	6.78	51.50	107.87
32" x 20"	1.45	33.35	107.87	3.54	40.465	107.87	6.78	51.50	107.87

304.8mm, 355.6mm, & 508mm En-Masse Bend Section Dimensions - mm

Size (W x H)	5° BEND			10° BEND			15° BEND		
	P	Q	R	P	Q	R	P	Q	R
228.6 x 304.8	33.513	767.537	1825.498	80.645	921.944	1825.498	141.072	1071.677	1825.498
304.8 x 304.8	33.513	767.537	1825.498	80.645	921.944	1825.498	141.072	1071.677	1825.498
406.4 x 304.8	33.513	767.537	1825.498	80.645	921.944	1825.498	141.072	1071.677	1825.498
406.4 x 355.6	33.513	767.537	1825.498	80.645	921.944	1825.498	141.072	1071.677	1825.498
533.4 x 355.6	33.513	767.537	1825.498	80.645	921.944	1825.498	141.072	1071.677	1825.498
355.6 x 508.0	36.83	847.09	2739.898	89.916	1027.811	2739.898	172.212	1308.1	2739.898
406.4 x 508.0	36.83	847.09	2739.898	89.916	1027.811	2739.898	172.212	1308.1	2739.898
508.0 x 508.0	36.83	847.09	2739.898	89.916	1027.811	2739.898	172.212	1308.1	2739.898
660.4 x 508.0	36.83	847.09	2739.898	89.916	1027.811	2739.898	172.212	1308.1	2739.898
812.8 x 508.0	36.83	847.09	2739.898	89.916	1027.811	2739.898	172.212	1308.1	2739.898

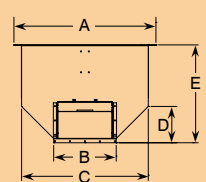
12", 14", & 20" En-Masse
10' Bypass Dump Dimensions - inches

Size (W x H)	A	B	C	D	E
9" x 12"	50.5	12	44.63	18	30.25
12" x 12"	50.5	15	44.63	16.5	30.25
16" x 12"	50.5	19	44.63	14.5	30.25
16" x 14"	54.5	19	48.63	16.5	37.63
21" x 14"	54.5	24	48.63	14	37.63
14" x 20"	66.5	18	60.63	23.44	44.06
16" x 20"	66.5	20	60.63	22.44	44.06
20" x 20"	66.5	24	60.63	20.44	44.06
26" x 20"	66.5	30	60.63	17.44	44.06
32" x 20"	66.5	36	60.63	14.44	50.06

304.8mm, 355.6mm, & 508mm En-Masse
10' Bypass Dump Dimensions - mm

Size (W x H)	A	B	C	D	E
9" x 12"	50.5	12	44.63	18	30.25
12" x 12"	50.5	15	44.63	16.5	30.25
16" x 12"	50.5	19	44.63	14.5	30.25
16" x 14"	54.5	19	48.63	16.5	37.63
21" x 14"	54.5	24	48.63	14	37.63
14" x 20"	66.5	18	60.63	23.44	44.06
16" x 20"	66.5	20	60.63	22.44	44.06
20" x 20"	66.5	24	60.63	20.44	44.06
26" x 20"	66.5	30	60.63	17.44	44.06
32" x 20"	66.5	36	60.63	14.44	50.06

10' BYPASS DUMP



SPECIFICATIONS 26" [660.4mm] & 32" [812.8mm] TALL EN-MASSÉ CONVEYORS

26" & 32" En-Masse Conveyor - BPH

Size (W x H)	1*	100*	110*	120*	130*	140*	150*	160*	170*	180*
26" x 26"	148	14800	16280	17760	19240	20720	22200	23680	25160	26640
32" x 26"	182	18200	20020	21840	23660	25480	27300	29120	30940	32760
32" x 32"	233	23300	25630	27960	30290	32620	34950	37280	39610	41940
36" x 32"	262	26200	28820	31440	34060	36680	39300	41920	44540	47160

* Feet Per Minute

660.4mm & 812.8mm En-Masse Conveyor - MTH

Size (W x H)	1	100	110	120	130	140	150	160	170	180
660.4 x 660.4	3.8	377.4	415.1	452.9	490.6	528.4	566.1	603.8	641.6	679.3
812.8 x 660.4	4.6	464.1	510.5	556.9	603.3	649.7	696.2	742.6	789.0	835.4
812.8 x 812.8	5.9	594.2	653.6	713.0	772.4	831.8	891.2	950.6	1010.1	1069.5
914.4 x 812.8	6.7	668.1	734.9	801.7	868.5	935.3	1002.2	1069.0	1135.8	1202.6

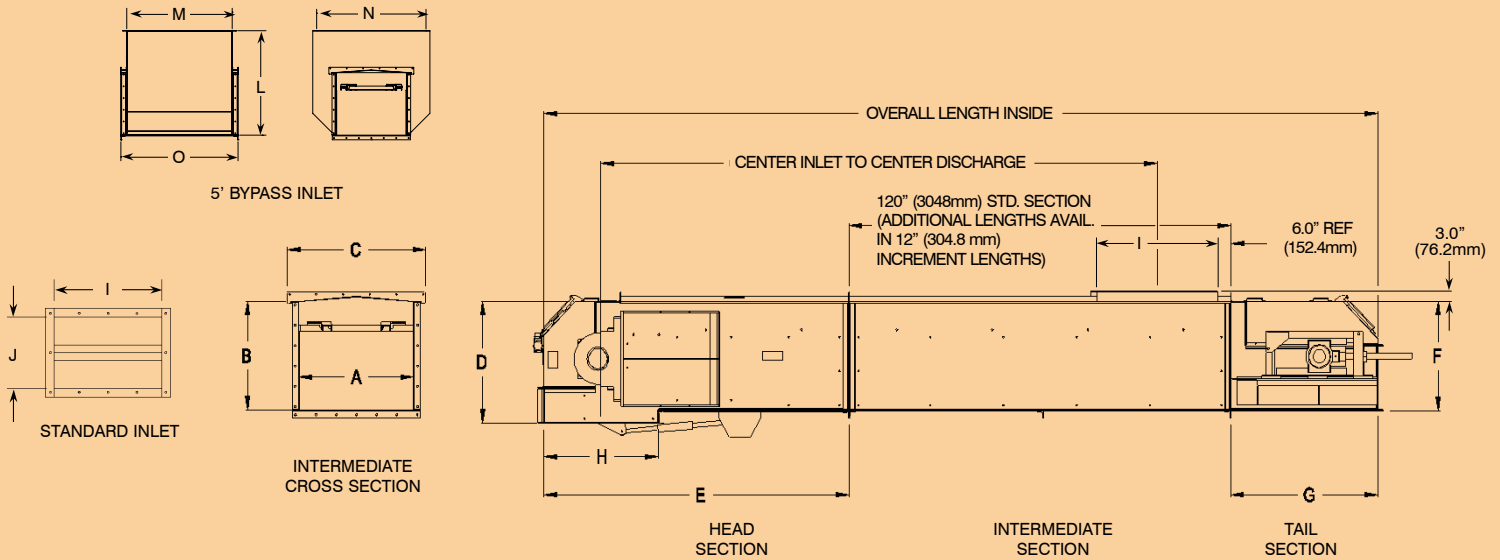
26" and 32" En-Masse Conveyor Dimensional Chart - inches

Size (W x H)	A	B	C	D	E	F	G	H	I	J	L	M	N	O*
26" x 26"	26	26	33.5	30	96	26	46	36	30	26	42.5	54	46	60
32" x 26"	32	26	39.5	30	96	26	46	36	30	32	45.5	54	52	60
32" x 32"	32	32	39.5	36	96	32	46	36	36	32	51.5	54	52	60
36" x 32"	36	32	43.5	36	96	32	46	36	36	36	53.5	54	56	60

* 60" standard length. Longer lengths are available.

660.4mm and 812.8 mm En-Masse Conveyor Dimensional Chart - mm

Size (W x H)	A	B	C	D	E	F	G	H	I	J	L	M	N	O
660.4 x 660.4	660.4	660.4	850.9	762.0	2438.4	660.4	1168.4	914.4	762.0	660.4	1079.5	1371.6	1168.4	1524
812.8 x 660.4	812.8	660.4	1003.3	762.0	2438.4	660.4	1168.4	914.4	762.0	812.8	1155.7	1371.6	1320.8	1524
812.8 x 812.8	812.8	812.8	1003.3	914.4	2438.4	812.8	1168.4	914.4	914.4	812.8	1308.1	1371.6	1320.8	1524
914.4 x 812.8	914.4	812.8	1104.9	914.4	2438.4	812.8	1168.4	914.4	914.4	914.4	1358.9	1371.6	1422.4	1524

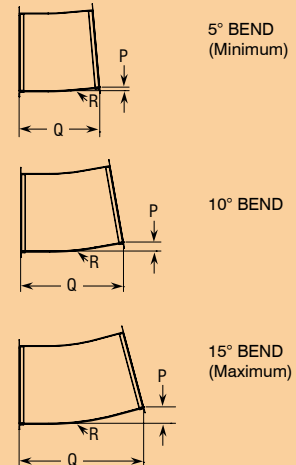


26" & 32" En-Masse Bend Section Dimensions - inches

Size (W x H)	5° BEND			10° BEND			15° BEND		
	P	Q	R	P	Q	R	P	Q	R
26" x 26"	1.4375	33.375	107.875	3.75	42.5625	107.875	6.8125	51.5	107.875
32" x 26"	1.4375	33.375	107.875	3.75	42.5625	107.875	6.8125	51.5	107.875
32" x 32"	1.4375	33.375	107.875	3.75	42.5625	107.875	6.8125	51.5	107.875
36" x 32"	1.4375	33.375	107.875	3.75	42.5625	107.875	6.8125	51.5	107.875

660.4mm & 812.8mm En-Masse Bend Section Dimensions - mm

Size (W x H)	5° BEND			10° BEND			15° BEND		
	P	Q	R	P	Q	R	P	Q	R
228.6 x 304.8	36.5125	847.725	2740.025	95.25	1081.0875	2740.025	173.0375	1308.1	2740.025
304.8 x 304.8	36.5125	847.725	2740.025	95.25	1081.0875	2740.025	173.0375	1308.1	2740.025
406.4 x 304.8	36.5125	847.725	2740.025	95.25	1081.0875	2740.025	173.0375	1308.1	2740.025
406.4 x 355.6	36.5125	847.725	2740.025	95.25	1081.0875	2740.025	173.0375	1308.1	2740.025



GENERAL NOTES:

Capacities based on dry, free flowing, granular material conveyed horizontally with proper loading and discharging conditions at 45#/CF. (721 kg/m³).

Capacities based on using top load inlets. Bypass inlets will reduce capacity. Consult inside sales.

General specifications and dimensions are subject to change without notice.

General specifications and dimensions are intended to provide sales assistance and a preliminary guide to system layout only.

SPECIFICATIONS ENCLOSED BELT CONVEYORS

Enclosed Belt Conveyor Standard Capacities - FPM

Capacity			Model					
BPH	CFH	MTH	24*	30*	36*	42*	48*	54*
8000	10000	204	400	-	-	-	-	-
10000	12500	255	563	-	-	-	-	-
12000	15000	306	650	400	-	-	-	-
15000	18750	383	-	500	-	-	-	-
20000	25000	510	-	650	480	-	-	-
25000	31250	638	-	-	600	-	-	-
30000	37500	765	-	-	700	550	-	-
35000	43750	893	-	-	-	640	-	-
40000	50000	1021	-	-	-	750	600	500
45000	56250	1148	-	-	-	-	675	550
50000	62500	1276	-	-	-	-	750	625
57000	71250	1454	-	-	-	-	-	700

* Belt Speed in Feet Per Minute

Enclosed Belt Conveyor Standard Capacities - m/s

Capacity			Model					
BPH	CFH	MTH	24	30	36	42	48	54
8000	10000	204	2.03	-	-	-	-	-
10000	12500	255	2.86	-	-	-	-	-
12000	15000	306	3.30	2.03	-	-	-	-
15000	18750	383	-	2.54	-	-	-	-
20000	25000	510	-	3.30	2.44	-	-	-
25000	31250	638	-	-	3.05	-	-	-
30000	37500	765	-	-	3.56	2.79	-	-
35000	43750	893	-	-	-	3.25	-	-
40000	50000	1021	-	-	-	3.81	3.05	2.54
45000	56250	1148	-	-	-	-	3.43	2.79
50000	62500	1276	-	-	-	-	3.81	3.18
57000	71250	1454	-	-	-	-	-	3.56

Options & Accessories:

- 1/2" (12.7mm) UHMW Bottom Liner
- Heavy Idler Assemblies
- Low Profile Heads
- Low Profile Loaders
- Clean-out Inlets
- Ceramic Tile and Other Liner Options

Capacities based on dry, free flowing, granular material at 45 Lbs/CF (721 Kg/CM) at horizontal

Enclosed Belt Conveyor Dimensions - inches

MODEL	A*	B*	C*	D*	E* MIN*	E* MAX	F**	G*	H*	I*	J*	K*	L*	M*	N*	O*	P*	Q*	R*
24	26	30	47	120	48	66	76	5	6	24	14	19	15	30	27	26	30	43	38
30	26	30	47	120	48	66	76	5	6	24	16	19	15	30	33	32	36	49	44
36	26	30	47	120	48	66	76	5	6	24	22	19	15	30	39	38	42	55	50
42	26	30	47	120	48	66	76	5	6	24	28	19	15	30	45	44	48	61	56
48	26	30	47	120	48	66	76	5	6	24	34	19	15	30	51	50	54	67	62
54	26	30	47	120	48	66	76	5	6	24	40	19	15	30	57	56	60	73	68

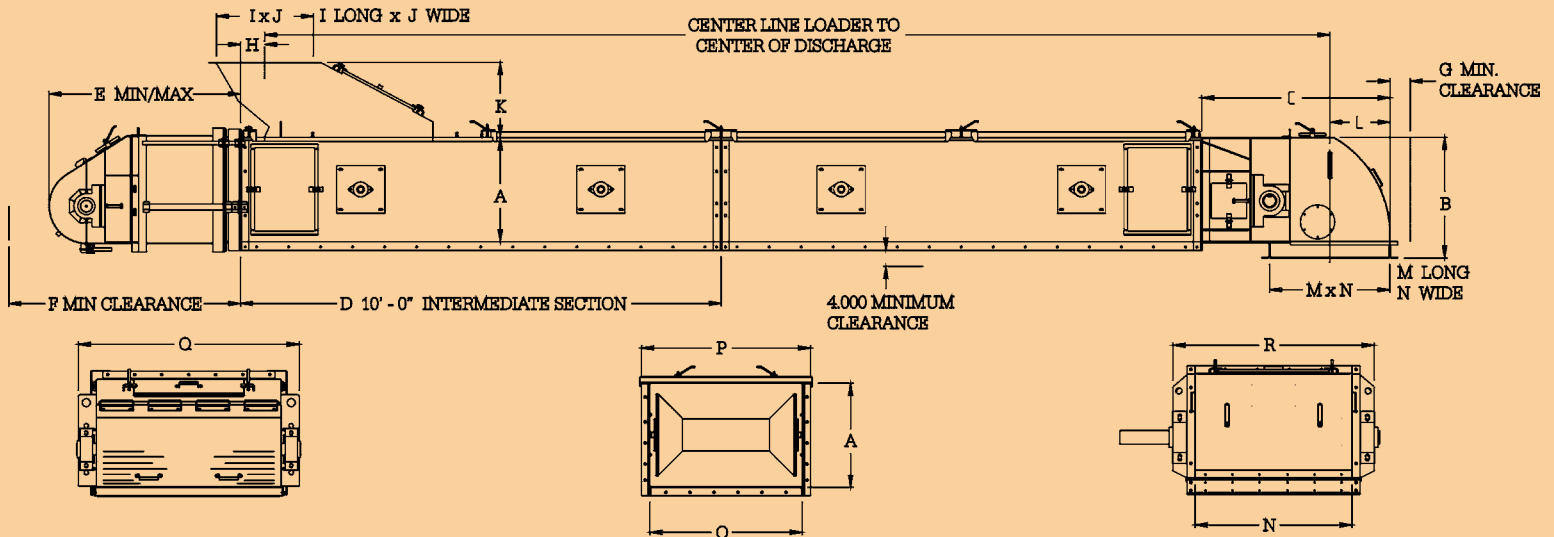
* inches

** Based on 18.00" take-up. For actual take-up, see approval drawing.

Enclosed Belt Conveyor Dimensions - mm

MODEL	A	B	C	D	E MIN*	E MAX	F**	G	H	I	J	K	L	M	N	O	P	Q	R
24	660	765	1196	3048	1215	1670	1930	127	152	610	356	478	381	762	686	660	767	1097	972
30	660	765	1196	3048	1215	1670	1930	127	152	610	406	478	381	762	838	813	919	1249	1124
36	660	765	1196	3048	1215	1670	1930	127	152	610	559	478	381	762	991	965	1072	1402	1277
42	660	765	1196	3048	1215	1670	1930	127	152	610	711	478	381	762	1143	1118	1224	1554	1429
48	660	765	1196	3048	1215	1670	1930	127	152	610	864	478	381	762	1295	1270	1377	1707	1581
54	660	765	1196	3048	1215	1670	1930	127	152	610	1016	478	381	762	1448	1422	1529	1859	1734

** Based on 18.00" take-up. For actual take-up, see approval drawing.



General specifications and dimensions are subject to change without notice.

General specifications and dimensions are intended to provide sales assistance and a preliminary guide to system layout only.

SPECIFICATIONS HI-FLIGHT CONVEYORS

Hi-Flight Conveyors with a Standard Inlet - BPH

Size (W x H)	1*	100*	110*	120*	130*	140*	150*	160*	170*
12" x 12"	20	2000	2200	2400	2600	2800	3000	3200	3400
16" x 12"	27	2700	2970	3240	3510	3780	4050	4320	4590
16" x 14"	32	3200	3520	3840	4160	4480	4800	5120	5440
21" x 14"	42	4200	4620	5040	5460	5880	6300	6720	7140
16" x 20"	48	4800	5280	5760	6240	6720	7200	7680	8160
20" x 20"	60	6000	6600	7200	7800	8400	9000	9600	10200
26" x 20"	78	7800	8580	9360	10140	10920	11700	12480	13260
32" x 20"	96	9600	10560	11520	12480	13440	14400	15360	16320
26" x 27"	104	10400	11440	12480	13520	14560	15600	16640	17680
36" x 27"	144	14400	15840	17280	18720	20160	21600	23040	24480
36" x 39"	216	21600	23760	25930	28080	30240	32400	34560	36720

* Feet Per Minute

Hi-Flight Conveyors with a Horizontal Bypass Inlet - BPH

Size (W x H)	1*	100*	110*	120*	130*	140*	150*	160*	170*
12" x 12"	20	2000	2200	2400	2600	2800	3000	3200	3400
16" x 12"	25	2500	2750	3000	3250	3500	3750	4000	4250
16" x 14"	30	3000	3300	3600	3900	4200	4500	4800	5100
21" x 14"	36	3600	3960	4320	4680	5040	5400	5760	6120
16" x 20"	46	4600	5060	5520	5980	6440	6900	7360	7820
20" x 20"	55	5500	6050	6600	7150	7700	8250	8800	9350
26" x 20"	66	6600	7260	7920	8580	9240	9900	10560	11220
32" x 20"	75	7500	8250	9000	9750	10500	11250	12000	12750
26" x 27"	98	9800	10780	11760	12740	13720	14700	15680	16660
36" x 27"	120	12000	13200	14400	15600	16800	18000	19200	20400
36" x 39"	196	19600	21560	23520	25480	27440	29400	31360	33320

* Feet Per Minute

Hi-Flight Conveyors with a Standard Inlet - MTH

Size (W x H)	1	100	110	120	130	140	150*	160	170
304.8 x 304.8	0.5	51.0	56.1	61.2	66.3	71.4	76.5	81.6	86.7
406.4 x 304.8	0.7	68.9	75.7	82.6	89.5	96.4	103.3	110.2	117.0
406.4 x 355.6	0.8	81.6	89.8	97.9	106.1	114.2	122.4	130.6	138.7
533.4 x 355.6	1.1	107.1	117.8	128.5	139.2	149.9	160.7	171.4	182.1
406.4 x 508.0	1.2	122.4	134.6	146.9	159.1	171.4	183.6	195.8	208.1
508.0 x 508.0	1.5	153.0	168.3	183.6	198.9	214.2	229.5	244.8	260.1
660.4 x 508.0	2.0	198.9	218.8	238.7	258.6	278.5	298.4	318.2	338.1
812.8 x 508.0	2.4	244.8	269.3	293.8	318.2	342.7	367.2	391.7	416.2
660.4 x 685.8	2.7	265.2	291.7	318.2	344.7	371.3	397.8	424.3	450.8
914.4 x 685.8	3.7	367.2	403.9	440.6	477.4	514.1	550.8	587.5	624.2
914.4 x 990.6	5.5	550.8	605.8	661.2	716.0	771.1	826.1	881.2	936.3

Hi-Flight Conveyors with a Horizontal Bypass Inlet - MTH

Size (W x H)	1	100	110	120	130	140	150	160	170
304.8 x 304.8	0.5	51.0	56.1	61.2	66.3	71.4	76.5	81.6	86.7
406.4 x 304.8	0.6	63.8	70.1	76.5	82.9	89.3	95.6	102.0	108.4
406.4 x 355.6	0.8	76.5	84.2	91.8	99.5	107.1	114.8	122.4	130.1
533.4 x 355.6	0.9	91.8	101.0	110.2	119.3	128.5	137.7	146.9	156.1
406.4 x 508.0	1.2	117.3	129.0	140.8	152.5	164.2	176.0	187.7	199.4
508.0 x 508.0	1.4	140.3	154.3	168.3	182.3	196.4	210.4	224.4	238.4
660.4 x 508.0	1.7	168.3	185.1	202.0	218.8	235.6	252.5	269.3	286.1
812.8 x 508.0	1.9	191.3	210.4	229.5	248.6	267.8	286.9	306.0	325.1
660.4 x 685.8	2.5	249.9	274.9	299.9	324.8	349.8	374.8	399.8	424.8
914.4 x 685.8	3.1	306.0	336.6	367.2	397.8	428.4	459.0	489.6	520.2
914.4 x 990.6	5.0	499.8	549.7	599.7	649.7	699.7	749.7	799.6	849.6

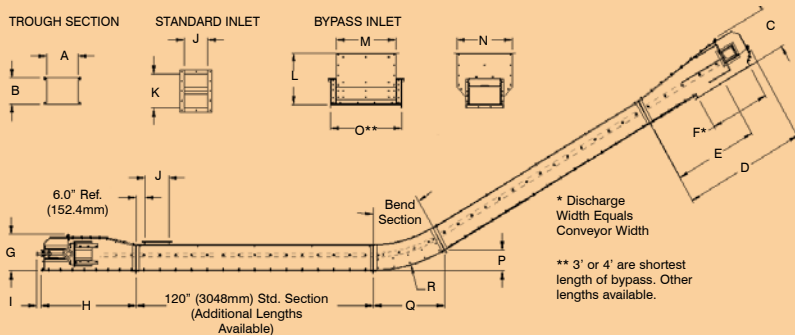
Hi-Flight Conveyor Dimensional Chart - inches

Size (W x H)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
12" x 12"	12	12	20.25	60	42	30	17.25	48	2.25	24	12	22.25	30	24	36
16" x 12"	16	12	20.25	60	42	30	17.25	48	2.25	24	16	24.25	30	28	36
16" x 14"	16	14	23	60	42	30	19	48	2	24	16	26.25	30	28	36
21" x 14"	21	14	23	60	42	30	19	48	2	24	21	28.75	30	33	36
16" x 20"	16	20	30	72	48	36	26.25	48	2	24	16	32	30	36	36
20" x 20"	20	20	30	72	48	36	26.25	48	2	24	20	34	30	40	36
26" x 20"	26	20	30	72	48	36	26.25	48	2	24	26	37	30	46	36
32" x 20"	32	20	30	72	48	36	26.25	48	2	24	32	40	30	52	36
26" x 27"	26	27	39.50	104	78	42	37.50	72	2	24	26	44	30	46	36
36" x 27"	36	27	39.50	104	78	42	37.50	72	2	24	36	49	30	56	48
36" x 39"	36	39	52	108	82	42	50	84	2	24	36	61	42	56	48

Hi-Flight Conveyor Dimensional Chart - mm

Size (W x H)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
304.8 x 304.8	304.8	304.8	514.4	1524.0	1066.8	762.0	438.2	1219.2	57.2	609.6	304.8	565.2	762.0	609.6	914.4
406.4 x 304.8	406.4	304.8	514.4	1524.0	1066.8	762.0	438.2	1219.2	57.2	609.6	406.4	616.0	762.0	711.2	914.4
406.4 x 355.6	406.4	355.6	584.2	1524.0	1066.8	762.0	482.6	1219.2	57.2	609.6	406.4	666.8	762.0	711.2	914.4
533.4 x 355.6	533.4	355.6	584.2	1524.0	1066.8	762.0	482.6	1219.2	57.2	609.6	533.4	730.3	762.0	838.2	914.4
406.4 x 508.0	406.4	508.0	762.0	1828.8	1219.2	914.4	666.8	1219.2	50.8	609.6	406.4	812.8	762.0	914.4	914.4
508.0 x 508.0	508.0	508.0	762.0	1828.8	1219.2	914.4	666.8	1219.2	50.8	609.6	508.0	863.6	762.0	1016.0	914.4
660.4 x 508.0	660.4	508.0	762.0	1828.8	1219.2	914.4	666.8	1219.2	50.8	609.6	660.4	939.8	762.0	1168.4	914.4
812.8 x 508.0	812.8	508.0	762.0	1828.8	1219.2	914.4	666.8	1219.2	50.8	609.6	812.8	1016.0	762.0	1320.8	914.4
660.4 x 685.8	660.4	685.8	1003.3	2641.6	1981.2	1066.8	952.5	1828.8	50.8	609.6	660.4	1117.6	762.0	1168.4	914.4
914.4 x 685.8	914.4	685.8	1003.3	2641.6	1981.2	1066.8	952.5	1828.8	50.8	609.6	914.4	1244.6	762.0	1422.4	1219.2
914.4 x 990.6	914.4	990.6	1320.8	2743.2	2082.8	1066.8	1270	2133.6	50.8	609.6	914.4	1549.4	1066.8	1422.4	1219.2

Capacities based on dry free flowing grains @ 45 lbs./ft³.
All bypass inlets and dumps to be installed horizontally.



Hi-Flight Bend Sections - inches

15°	P	Q	R
12" Tall	2.5	18.8	72.0
14" Tall	2.5	18.8	72.0
20" Tall	3.8	24.8	96.0
27" Tall	3.8	24.8	96.0
39" Tall	3.7	28.0	108.0
30°	P	Q	R
12" Tall	9.8	36.0	72.0
14" Tall	9.8	36.0	72.0
20" Tall	12.8	47.5	96.0
27" Tall	12.8	47.5	96.0
39" Tall	14.5	54.0	108.0
45°	P	Q	R
12" Tall	21.0	60.0	72.0
14" Tall	21.0	60.0	72.0
20" Tall	28.0	67.5	96.0
27" Tall	28.0	67.5	96.0
39" Tall	31.6	76.4	108.0
60°	P	Q	R
12" Tall	36.0	62.5	72.0
14" Tall	36.0	62.5	72.0
20" Tall	48.0	83.3	96.0
27" Tall	48.0	83.3	96.0
39" Tall	54.0	93.5	108.0

Hi-Flight Bend Sections - mm

15°	P	Q	R
304.8mm Tall	63.5	476.3	1828.8
355.6mm Tall	63.5	476.3	1828.8
508.0mm Tall	95.3	628.7	2438.4
685.8mm Tall	95.3	628.7	2438.4
990.6mm Tall	94.0	711.2	2743.2
30°	P	Q	R
304.8mm Tall	247.7	914.4	1828.8
355.6mm Tall	247.7	914.4	1828.8
508.0mm Tall	323.9	1206.5	2438.4
685.8mm Tall	323.9	1206.5	2438.4
990.6mm Tall	368.3	1371.6	2743.2
45°	P	Q	R
304.8mm Tall	533.4	1524.0	1828.8
355.6mm Tall	533.4	1524.0	1828.8
508.0mm Tall	711.2	1714.5	2438.4
685.8mm Tall	711.2	1714.5	2438.4
990.6mm Tall	802.6	1940.6	2743.2
60°	P	Q	R
304.8mm Tall	914.4	1587.5	1828.8
355.6mm Tall	914.4	1587.5	1828.8
508.0mm Tall	1219.2	2114.6	2438.4
685.8mm Tall	1219.2	2114.6	2438.4
990.6mm Tall	1371.6	2374.9	2743.2

Hi-Flight Hopper Dimensions - inches

Conv.	A	B	C	D	E
12" x 12"	50.5	15.0	44.6	16.5	30.3
16" x 12"	50.5	19.0	44.6	14.5	30.3
16" x 14"	54.5	19.0	48.6	16.5	37.6
21" x 14"	54.5	24.0	48.6	14.0	37.6
16" x 20"	66.5	20.0	60.6	22.4	44.1
20" x 20"	66.5	24.0	60.6	20.4	44.1
26" x 20"	66.5	30.0	60.6	17.4	44.1
32" x 20"	66.5	36.0	60.6	14.4	50.1
26" x 27"	66.5	30.0	60.6	21.2	58.2

Hi-Flight Hopper Dimensions - mm

Conv.	A	B	C	D	E
304.8 x 304.8	1282.7	381.0	1133.5	419.1	768.4
406.4 x 304.8	1282.7	482.6	1133.5	368.3	768.4
406.4 x 355.6	1384.3	482.6	1235.1	419.1	955.7
533.4 x 355.6	1384.3	609.6	1235.1	355.6	955.7
406.4 x 508.0	1689.1	508.0	1539.9	569.9	1119.2
508.0 x 508.0	1689.1	609.6	1539.9	519.1	1119.2
660.4 x 508.0	1689.1	762.0	1539.9	442.9	1119.2
812.8 x 508.0	1689.1	914.4	1539.9	366.7	1271.6
660.4 x 685.8	1689.1	762.0	1539.9	538.5	1478.3



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