MATERIAL HANDLING

# **EN-MASSE CONVEYORS**







PROVEN & DEPENDABLE™

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## MATERIAL HANDLING SOLUTIONS



#### **PROVEN & DEPENDABLE**

From receiving to load-out, each day your facility moves, weighs, loads and samples millions of tons of material. The success of your operation relies not only on the quality of the commodity but the dependability of the equipment to keep it moving. GSI bulk material handling systems offer the speed and reliability you need to satisfy customers and your bottom line.

GSI places a customer-centric focus on the engineering and manufacturing of commercial-strength InterSystems bucket elevators, bulk weighers, enclosed belt conveyors, en-masse and self-cleaning en-masse conveyors, gravity screeners, truck probes, automatic samplers, micro ingredient systems and bolted bin systems.

High-quality products are only part of the solution. Behind each project is an engineering team and on-call customer service dedicated to your productivity and profitability.



## INTERSYSTEMS EN-MASSE CONVEYORS



From simple storage to critical environments, there is an InterSystems conveyor to meet your needs.

Two InterSystems En-Masse Conveyor models were developed based on capacity needs. The 12/17 Series, for average capacity, utilizes a horizontal bearing mount. The higher capacity 26/33 Series has a much stronger, reinforced head design with a 90-degree rotated bearing mount which facilitates the application of bigger drive components.

CONVEYOR HEIGHT	12" TALL	17" TALL	26" TALL	33" TALL
CONVEYOR WIDTH	9" - 17"	9" - 30"	17" - 30"	21" - 38"
CAPACITIES	3,000 - 6,000 BPH	5,000 - 18,000 BPH	16,000 - 28,000 BPH	27,000 - 48,000 BPH

InterSystems models of En-Masse Conveyors offer the best value in the industry. The brand has popularized features including a bolted box design which eases the replacement of liners. Knowing the heart of any conveyor is the chain, the design includes slack chain and plug switches, speed-to-length ratio chain calculations, and specific chain working load calculations – all developed to ensure precise applications.

For higher strength and longer life, the majority of InterSystems En-Masse Conveyor models utilize roller chains, precision-built with press-fit joints.

- Completely enclosed for clean operation
- Large capacity to convey in compact spaces
- A.R. steel liners for sides and bottom
- Quickly replace liners without parting or removing the chain
- · Liner fasteners positioned clear of material flow
- Unique tapered rail design
- Tall Flight configurations available

## **INTERSYSTEMS EN-MASSE CONVEYORS**

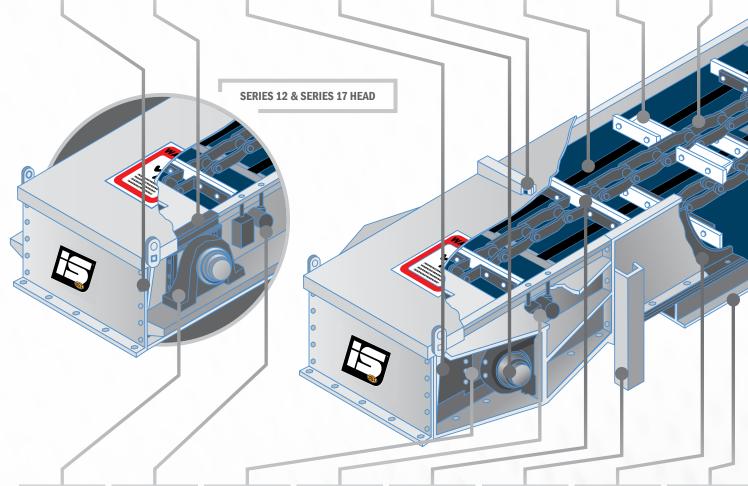
Spring
Retention Cover
Clips - used on
head for easy
release and to
accommodate
operation of the
slack chain/
plug switch

Removable Head Shaft Assembly - allows for quick and convenient service Spring
Retention Cover
Clips - used on
head for easy
release and to
accommodate
operation of the
slack chain/
plug switch

Heavy-Duty
Pillow Block
Bearings shaft seal
eliminates
contact with
material flow,
split sprockets
standard

Cover Joints formed up for weather seal and stiffness Tapered A.R. Rail Return (shown) or Roller Return Return Cups
- standard
on conveyors
with
intermediate
discharge
gates

Roller Chain
- heat treated
and case
hardened
with pressfit joints,
sized to suit
application



Heavy-Duty
Pillow Block
Bearings shaft seal
eliminates
contact with
material flow,
split sprockets
standard

Slack Chain/
Plug Switch
- activates
shut-off
device
for both
conditions
(optional)

Removable Head Shaft Assembly - allows for quick and convenient service Slack Chain/ Plug Switch - activates shut-off device for both conditions (optional)

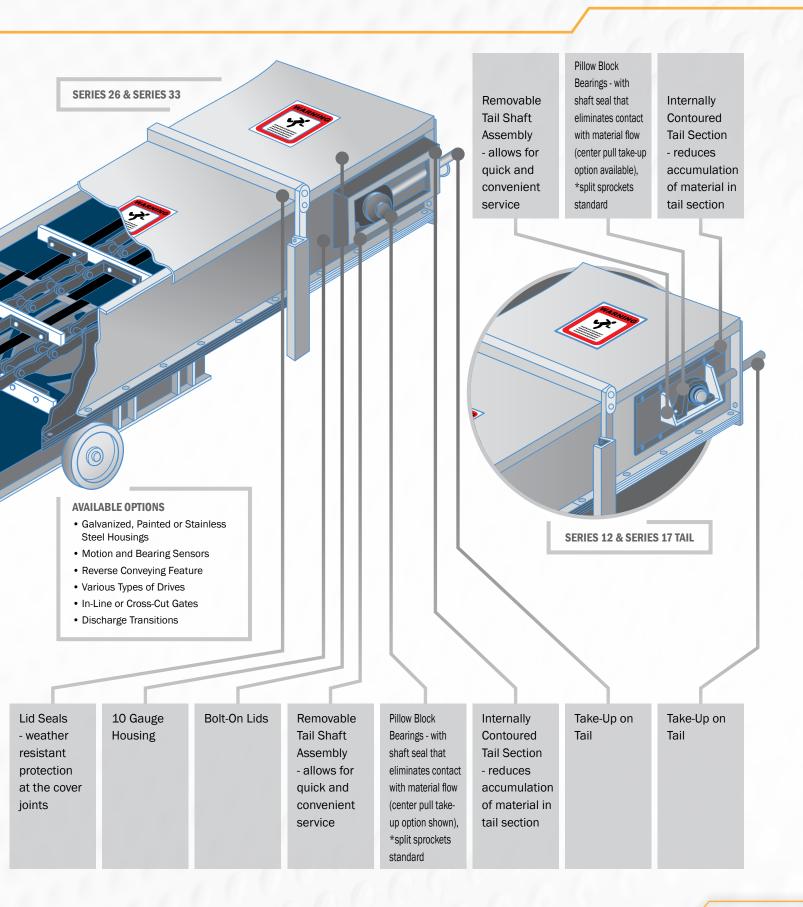
UHMW Polyethylene Flights eliminate steel-to-steel contact Bolt-On Legs

A.R. Steel
Liners - matched
to application
requirements, can
be easily removed
and replaced,
fasteners
positioned clear
of material flow

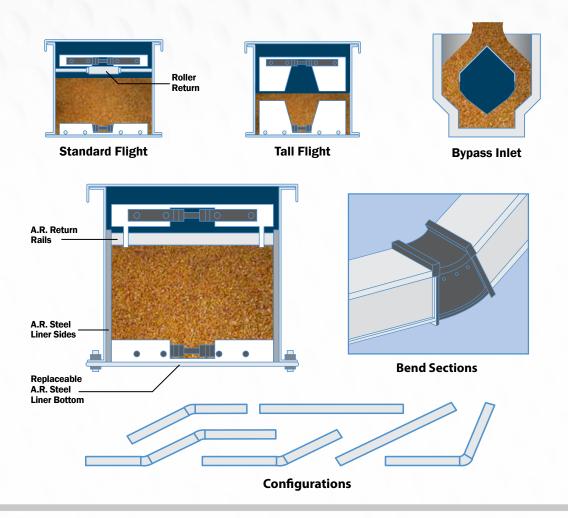
Intermediate
Discharge Gates with unique "flight
bridge" in crosscut, inline or flush
mount designs
(manual, electric,
pneumatic &
hydraulic)



## **FEATURES**



## **OPERATIONAL CONFIGURATIONS**



#### **HORIZONTAL & UP TO 15° OPERATION**

When in horizontal or slightly inclined position, the En-Masse requires standard flights. The close tolerance design provides for excellent cleanout.

#### 15° TO 60° INCLINED OPERATION

"Tall Flight" configurations are available for steeper inclines, as shown.

#### **BYPASS INLET**

Bypass Inlet for plug free operation. Flared designs available.

#### **UP TO 60° BENDS**

Bend sections allow for up to 60° angle. Reverse bends are also available.

#### **CONFIGURATIONS**

Intersystems En-Masse Conveyors are very adaptable and may be configured in a series of horizontal and/or inclined segments as shown. The application that might have required multiple conveyor runs, drives and transitions may be accomplished with a single En-Masse Conveyor.



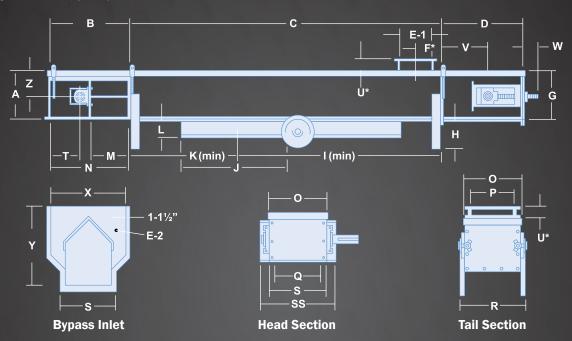


# 12-17 SERIES EN-MASSE CONVEYORS

## **CONVEYOR WEIGHTS**

DESCRIPTION	9x12	13x12	17x12	9x17	13x17	17x17	21x17	25x17	30x17
Standard without A.R. liner	25.42	27.46	32.71	48.49	53.10	58.43	65.27	68.78	73.17
W/#1 Liner 10 ga. sides, 3/16" ga. bottom	36.20	39.11	44.93	64.73	70.07	75.91	83.52	87.61	92.73
W/#2 Liner 3/16" ga. sides, 1/4" bottom	41.06	44.62	54.34	72.18	78.65	85.53	94.25	99.19	105.37
W/#3 Liner 1/4" sides, 3/8" bottom	49.40	54.14	62.56	82.62	90.44	98.78	108.89	115.54	123.85

Average weight per foot of empty conveyor in pounds



## **DIMENSIONS & SPECIFICATIONS**

	DESCRIPTION	9x12	13x12	17x12	9x17	13x17	17x17	21x17	25X17	30x17
Α	HEAD HEIGHT	12 5/16	12 5/16	12 5/16	17 3/8	17 3/8	17 3/8	17 3/8	17 3/8	17 3/8
В	HEAD LENGTH	37 5/8	37 5/8	37 5/8	37 5/8	37 5/8	37 5/8	37 5/8	37 5/8	37 5/8
С	SECTION LENGTH	116	116	116	116	116	116	116	116	116
D	TAIL LENGTH	27 1/8	27 1/8	27 1/8	27 1/8	27 1/8	27 1/8	27 1/8	27 1/8	27 1/8
E-1	STD. INLET LENGTH	18	18	18	18	18	18	18	18	18
E-2	BYPASS INLET LENGTH	24	24	24	24	24	24	24	24	24
F*	OFFSET MINIMUM	13 3/4	13 3/4	13 3/4	13 /34	13 3/4	13 3/4	13 3/4	13 3/4	13 3/4
G	TAIL HEIGHT	12 1/16	12 1/16	12 1/16	17 1/8	17 1/8	17 1/8	17 1/8	17 1/8	17 1/8
Н	CLEARANCE	11	11	11	11	11	11	11	11	11
ı	DISCHARGE CL (MIN)	62	62	62	62	62	62	62	62	62
J	DISCHARGE LENGTH	36	36	36	36	36	36	36	36	36
K	DISCHARGE CL (MIN)	21	21	21	21	21	21	21	21	21
L	GATE HEIGHT CL	5	5	5	5	5	5	5	5	5
M	DISCHARGE OFFSET	18 3/4	18 3/4	18 3/4	18 3/4	18 3/4	18 3/4	18 3/4	18 3/4	18 3/4
N	DISCHARGE LENGTH	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2
0	COVER WIDTH	12 3/4	16 3/4	20 3/4	12 3/4	16 3/4	20 3/4	24 3/4	28 3/4	33 3/4
Р	INLET WIDTH	9	13	17	9	13	17	21	25	30
Q	DISCHARGE WIDTH	9	13	17	9	13	17	21	25	30
R	LEG WIDTH	14 1/2	18 1/2	22 1/2	14 1/2	18 1/2	22 1/2	26 1/2	30 1/2	38 1/2
S	SECTION WIDTH	12	16	20	12	16	20	24	28	33
Т	HEAD SHAFT CL	12	12	12	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
U*	INLET HEIGHT	4	4	4	4	4	4	4	4	4
V	TAIL SHAFT CL	16 1/2	16 1/2	16 1/2	19	19	9	19	19	19
W	SCREW EXTENSION	7	7	7	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
Х	BYPASS INLET WIDTH	23	27	31	23	27	31	35	39	44
Υ	BYPASS INLET HEIGHT	23	23	23	28	28	28	28	28	28
Z	SHAFT HEIGHT	6 3/16	6 3/16	6 3/16	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
	MATERIAL DEPTH	7 1/4	7 1/4	7 1/4	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2

Dimensions above are given in inches and subject to change without notice.



## **SERIES 12-17 EN-MASSE CONVEYOR CAPACITIES**

DESC	RIPTION	Standard	9x12	13x12	17x12	9x <b>1</b> 7	13x17	17x17	21x17	25x17	30x17
		95	58.9	85.2	111.5	96.0	139.2	182.5	226.0	268.9	323.0
	EN MASSE 0°-15°	110	68.2	98.6	129.1	111.2	161.2	211.3	262.0	311.4	374.0
		130	80.6	116.5	152.6	131.4	190.6	249.7	309.0	368.0	442.0
ТРН		160	99.1	143.4	187.8	161.7	234.5	307.3	381.0	452.9	544.0
		200	123.9	179.3	234.8	202.2	293.2	384.2	476.0	566.2	680.0
	TALL FLIGHT	95	23.3	33.8	44.1	34.4	54.3	71.3	88.0	105.3	127.0
		110	27.0	39.1	51.1	39.8	62.9	82.6	102.0	122.0	147.0
	15°-60°	130	31.9	46.2	60.4	47.0	74.4	97.6	121.0	144.2	173.0
		160	39.3	56.9	74.4	57.9	91.5	120.2	149.0	177.4	213.0
		200	49.1	71.1	93.0	72.3	114.4	150.2	186.0	221.8	267.0
		FPM (without liner)	9x12	13x12	17x12	9x17	13x17	17x17	21x17	25x17	30x17
		95	53.47	77.34	101.22	87.15	126.37	165.67	205.16	244.11	293.22
	EN MACCE	110	61.91	89.51	117.20	100.95	146.34	191.82	237.84	282.69	339.52
	EN-MASSE 0°-15°	130	73.17	105.76	138.53	119.28	173.03	226.68	280.51	334.07	401.25
		160	89.96	130.18	170.48	146.79	212.88	278.97	345.87	411.14	493.84
МТРН		200	112.48	162.77	213.15	183.56	217.15	348.78	432.11	514.00	617.30
		95	21.15	30.18	40.03	31.23	49.29	64.73	79.89	95.59	115.29
	TALL FLIGHT	110	24.51	35.50	46.39	36.13	57.10	74.98	92.60	110.75	133.45
	15°-60°	130	28.96	41.94	54.83	42.67	67.54	88.60	109.84	130.90	157.05
		160	35.68	51.65	67.54	52.56	83.06	109.12	135.26	161.04	193.36
		200	44.57	64.54	84.43	65.63	103.85	136.35	168.85	201.35	242.38
			- 40	40.40	4 - 4 -		40.4		04 4-	A- 4-	
		FPM	9x12	13x12	17x12	9x17	13x17	17x17	21x17	25x17	30x17
		95	2,453	3,549	4,647	4,001	5,802	7,603	9,415	11,205	13,457
	EN-MASSE	95 110	2,453 2,840	3,549 4,109	4,647 5,380	4,001 4,633	5,802 6,718	7,603 8,804	9,415 10,901	11,205 12,974	13,457 15,581
	EN-MASSE 0°-15°	95 110 130	2,453 2,840 3,356	3,549 4,109 4,856	4,647 5,380 6,359	4,001 4,633 5,475	5,802 6,718 7,940	7,603 8,804 10,404	9,415 10,901 12,884	11,205 12,974 15,333	13,457 15,581 18,414
		95 110 130 160	2,453 2,840 3,356 4,131	3,549 4,109 4,856 5,977	4,647 5,380 6,359 7,826	4,001 4,633 5,475 6,739	5,802 6,718 7,940 9,772	7,603 8,804 10,404 12,805	9,415 10,901 12,884 15,857	11,205 12,974 15,333 18,872	13,457 15,581 18,414 22,664
СЕРН		95 110 130 160 200	2,453 2,840 3,356 4,131 5,164	3,549 4,109 4,856 5,977 7,471	4,647 5,380 6,359 7,826 9,783	4,001 4,633 5,475 6,739 8,423	5,802 6,718 7,940 9,772 12,215	7,603 8,804 10,404 12,805 16,007	9,415 10,901 12,884 15,857 19,821	11,205 12,974 15,333 18,872 23,590	13,457 15,581 18,414 22,664 28,329
СЕРН		95 110 130 160 200 95	2,453 2,840 3,356 4,131 5,164 971	3,549 4,109 4,856 5,977 7,471 1,408	4,647 5,380 6,359 7,826 9,783 1,841	4,001 4,633 5,475 6,739 8,423 1,432	5,802 6,718 7,940 9,772 12,215 2,265	7,603 8,804 10,404 12,805 16,007 2,973	9,415 10,901 12,884 15,857 19,821 3,681	11,205 12,974 15,333 18,872 23,590 4,389	13,457 15,581 18,414 22,664 28,329 5,275
СЕРН		95 110 130 160 200 95 110	2,453 2,840 3,356 4,131 5,164 971 1,125	3,549 4,109 4,856 5,977 7,471 1,408 1,630	4,647 5,380 6,359 7,826 9,783 1,841 2,131	4,001 4,633 5,475 6,739 8,423 1,432 1,658	5,802 6,718 7,940 9,772 12,215 2,265 2,622	7,603 8,804 10,404 12,805 16,007 2,973 3,442	9,415 10,901 12,884 15,857 19,821 3,681 4,262	11,205 12,974 15,333 18,872 23,590 4,389 5,083	13,457 15,581 18,414 22,664 28,329 5,275 6,108
СЕРН	0°-15°	95 110 130 160 200 95 110 130	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218
СБРН	0°-15°	95 110 130 160 200 95 110 130	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884
СБРН	0°-15°	95 110 130 160 200 95 110 130 160 200	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105
СБРН	0°-15°	95 110 130 160 200 95 110 130 160 200 FPM	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 9x12	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 9x17	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17
СБРН	0°-15°	95 110 130 160 200 95 110 130 160 200 <b>FPM</b> 95	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 <b>9x12</b> 1,971	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 <b>9x17</b> 3,216	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815
СБРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 <b>FPM</b> 95	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 <b>9x12</b> 1,971 2,283	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852 3,303	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317 4,304	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 <b>9x17</b> 3,216 3,723	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663 5,400	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111 7,076	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567 8,762	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006 10,428	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815 12,523
СБРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM 95 110 130	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 <b>9x12</b> 1,971 2,283 2,698	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852 3,303 3,903	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317 4,304 5,087	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 <b>9x17</b> 3,216 3,723 4,400	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663 5,400 6,381	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111 7,076 8,362	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567 8,762 10,355	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006 10,428 12,324	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815 12,523 14,800
СБРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM 95 110 130 160	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 9x12 1,971 2,283 2,698 3,320	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852 3,303 3,903 4,804	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317 4,304 5,087 6,260	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 <b>9x17</b> 3,216 3,723 4,400 5,416	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663 5,400 6,381 7,854	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111 7,076 8,362 10,292	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567 8,762 10,355 12,745	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006 10,428 12,324 15,618	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815 12,523 14,800 18,215
СЕРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200  FPM 95 110 130 160 200	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 9x12 1,971 2,283 2,698 3,320 4,150	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852 3,303 3,903 4,804 6,005	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317 4,304 5,087 6,260 7,826	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 9x17 3,216 3,723 4,400 5,416 6,770	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663 5,400 6,381 7,854 9,817	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111 7,076 8,362 10,292 12,865	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567 8,762 10,355 12,745 15,931	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006 10,428 12,324 15,618 18,960	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815 12,523 14,800 18,215 22,769
	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM 95 110 130 160 200 95	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 9x12 1,971 2,283 2,698 3,320 4,150 781	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852 3,303 3,903 4,804 6,005 1,131	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317 4,304 5,087 6,260 7,826 1,478	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 9x17 3,216 3,723 4,400 5,416 6,770 1,151	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663 5,400 6,381 7,854 9,817 1,820	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111 7,076 8,362 10,292 12,865 2,389	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567 8,762 10,355 12,745 15,931 2,959	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006 10,428 12,324 15,618 18,960 3,528	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815 12,523 14,800 18,215 22,769 4,240
	0°-15°  TALL FLIGHT 15°-60°  EN-MASSE 0°-15°	95 110 130 160 200 95 110 130 160 200  FPM 95 110 130 160 200 95 1110	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 9x12 1,971 2,283 2,698 3,320 4,150 781 904	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852 3,303 3,903 4,804 6,005 1,131 1,310	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317 4,304 5,087 6,260 7,826 1,478 1,711	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 9x17 3,216 3,723 4,400 5,416 6,770 1,151 1,332	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663 5,400 6,381 7,854 9,817 1,820 2,107	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111 7,076 8,362 10,292 12,865 2,389 2,767	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567 8,762 10,355 12,745 15,931 2,959 3,429	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006 10,428 12,324 15,618 18,960 3,528 4,085	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815 12,523 14,800 18,215 22,769 4,240 4,909
	0°-15°  TALL FLIGHT 15°-60°  EN-MASSE 0°-15°	95 110 130 160 200 95 110 130 160 200 FPM 95 110 130 160 200 95	2,453 2,840 3,356 4,131 5,164 971 1,125 1,329 1,636 2,045 9x12 1,971 2,283 2,698 3,320 4,150 781	3,549 4,109 4,856 5,977 7,471 1,408 1,630 1,926 2,371 2,963 13x12 2,852 3,303 3,903 4,804 6,005 1,131	4,647 5,380 6,359 7,826 9,783 1,841 2,131 2,518 3,101 3,876 17x12 3,317 4,304 5,087 6,260 7,826 1,478	4,001 4,633 5,475 6,739 8,423 1,432 1,658 1,959 2,411 3,014 9x17 3,216 3,723 4,400 5,416 6,770 1,151	5,802 6,718 7,940 9,772 12,215 2,265 2,622 3,099 3,814 4,768 13x17 4,663 5,400 6,381 7,854 9,817 1,820	7,603 8,804 10,404 12,805 16,007 2,973 3,442 4,068 5,007 6,259 17x17 6,111 7,076 8,362 10,292 12,865 2,389	9,415 10,901 12,884 15,857 19,821 3,681 4,262 5,037 6,200 7,750 21x17 7,567 8,762 10,355 12,745 15,931 2,959	11,205 12,974 15,333 18,872 23,590 4,389 5,083 6,007 7,393 9,241 25x17 9,006 10,428 12,324 15,618 18,960 3,528	13,457 15,581 18,414 22,664 28,329 5,275 6,108 7,218 8,884 11,105 30x17 10,815 12,523 14,800 18,215 22,769 4,240

The above capacities are rated under ideal conditions with dry material being properly fed into the conveyor.

The horizontal to  $15^{\circ}$  capacities are listed for horizontal usage, capacities will decrease as the conveyor is inclined. The  $15^{\circ}$  to  $60^{\circ}$  conveying capacities are rated for conveying at  $30^{\circ}$ .

The capacities given are for reference only. Please contact customer service for capacities in your specific application.

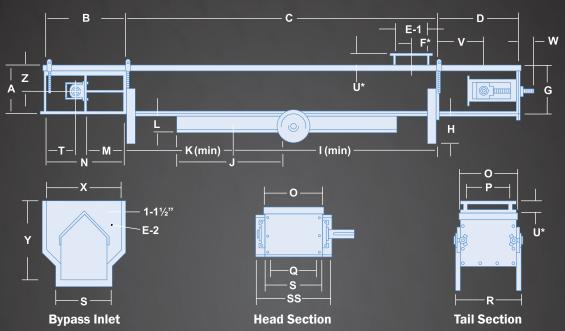
TPH capacities based on 48 pounds per cubic foot material density.

## **26-33 SERIES EN-MASSE CONVEYORS**

## **CONVEYOR WEIGHTS**

DESCRIPTION	17x26	21x26	25x26	30x26	21x33	25x33	30x33	38x33
Standard without A.R. liner	64.8	70.0	79.0	89.5	86.8	94.0	101.1	120.0
W/#1 Liner 10 ga. sides, 3/16" ga. bottom	95.3	103.1	114.7	128.5	124.9	134.8	145.1	183.0
W/#2 Liner 3/16" ga. sides, 1/4" bottom	108.4	117.1	129.5	144.4	141.4	152.1	163.5	207.0
W/#3 Liner 1/4" sides, 3/8" bottom	125.9	136.2	150.5	167.4	163.1	175.5	189.1	259.0

Average weight per foot of empty conveyor in pounds



### **DIMENSIONS & SPECIFICATIONS**

	DESCRIPTION	17x26	21x26	25x26	30x26	21x33	25x33	30x33	38x33
Α	HEAD HEIGHT	26 5/16	26 5/16	26 5/16	26 5/16	33 5/16	33 5/16	33 5/16	33 5/16
В	HEAD LENGTH	37 5/8	37 5/8	37 5/8	37 5/8	45 1/8	45 1/8	45 1/8	45 1/8
С	SECTION LENGTH	116	116	116	116	116	116	116	116
D	TAIL LENGTH	37 5/8	37 5/8	37 5/8	37 5/8	45 1/8	45 1/8	45 1/8	45 1/8
E-1	STD. INLET LENGTH	18	18	18	18	24	24	24	24
E-2	BYPASS INLET LENGTH	24	24	24	24	24	24	24	24
F*	OFFSET MINIMUM	13 3/4	13 3/4	13 3/4	13 /34	16 3/4	16 3/4	16 3/4	16 3/4
G	TAIL HEIGHT	26 1/16	26 1/16	26	26 1/16	33 1/16	33 1/16	33 1/16	33 1/6
Н	CLEARANCE	11	11	11	11	11	11	11	11
1	DISCHARGE CL (MIN)	62	62	62	62	62	62	62	75
J	DISCHARGE LENGTH	36	36	36	36	45	45	45	45
K	DISCHARGE CL (MIN)	21	21	21	21	21	21	21	26
L	GATE HEIGHT CL	5	5	5	5	5	5	5	6
M	DISCHARGE OFFSET	18 3/4	18 3/4	18 3/4	18 3/4	22 1/2	22 1/2	22 1/2	22 1/2
N	DISCHARGE LENGTH	37 1/2	37 1/2	37 1/2	37 1/2	45	45	45	45
0	LID WIDTH	20 3/4	24 3/4	28 3/4	33 3/4	24 3/4	28 3/4	33 3/4	41 3/4
Р	INLET WIDTH	17	21	25	30	21	25	30	38
Q	DISCHARGE WIDTH	17	21	25	30	21	25	30	38
R	LEG WIDTH	25 1/2	29 1/2	33 1/2	38 1/2	29 1/2	33 1/2	38 1/2	47 1/2
S	SECTION WIDTH	20	24	28	33	24	28	33	41
SS	HEAD WIDTH			Ch	anges with dime	nsions of head sha	ft		
Т	HEAD SHAFT CL			Ch	anges with dime	nsions of head sha	ft		
U*	INLET HEIGHT	4	4	4	4	4	4	4	4
V	TAIL SHAFT CL	21	21	21	21	30	30	30	30
W	SCREW EXTENSION	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	12 1/2
Х	BYPASS INLET WIDTH	38	51	46	51	42	46	51	59
Υ	BYPASS INLET HEIGHT	40	40	40	40	52	52	52	52
Z	SHAFT HEIGHT	14 3/16	14 3/16	14 1/5	14 3/16	17 1/8	17 1/8	17 1/8	17 1/8
	MATERIAL DEPTH	18	18	18	18	24	24	24	24

Dimensions above are given in inches and subject to change without notice.



### **SERIES 26-33 EN-MASSE CONVEYOR CAPACITIES**

DESC	RIPTION	FPM (without liner)	17x26	21x26	25x26	30x26	21x33	25x33	30x33	38x33
		95	286.0	356.0	421.4	508.0	495.0	563.9	707.0	864.0
	EN MASSE 0°-15°	110	331.2	412.0	487.9	588.0	573.0	652.9	819.0	1000.5
		130	391.8	487.0	576.7	695.0	677.0	771.6	968.0	1182.4
ТРН		160	481.8	599.0	709.8	856.0	834.0	949.8	1192.0	1455.2
		200	602.3	749.0	887.2	1069.0	1042.0	1187.2	1489.0	1591.6
		95	127.9	142.0	188.5	204.0	174.0	230.0	249.0	424.4
		110	148.1	165.0	218.2	236.0	202.0	266.4	288.0	491.4
	TALL FLIGHT 15°-60°	130	175.0	195.0	257.9	278.9	238.0	314.8	340.0	580.7
		160	215.4	240.0	317.4	343.0	293.0	387.4	419.0	714.7
		200	269.2	300.0	396.8	428.0	367.0	484.3	524.0	781.7
		FPM (without liner)	17x26	21x26	25x26	30x26	21x33	25x33	30x33	38x33
		95	259.6	323.2	382.5	461.2	449.4	511.9	641.8	784.0
		110	300.7	374.0	442.9	533.8	520.2	592.7	743.5	908.0
	EN-MASSE 0°-15°	130	355.7	442.1	523.5	630.9	614.6	700.5	878.8	1073.0
	0 _0	160	437.4	543.8	644.4	777.1	757.1	862.2	1082.1	1320.0
МТРН		200	546.8	679.9	805.4	970.4	945.9	1077.7	1351.7	1444.0
WITER		95	116.1	128.9	171.1	185.2	158.0	208.8	226.0	385.0
	TALL FLIGHT 15°-60°	110	134.4	149.8	198.1	214.2	183.4	241.8	261.4	446.0
		130	158.9	177.0	234.1	252.4	216.1	285.8	308.7	527.0
		160	195.4	217.9	288.1	311.4	266.0	351.7	380.4	648.0
		200	244.4	272.3	360.2	388.5	333.2	439.6	475.7	709.0
		FPM (without liner)	17x26	21x26	25x26	30x26	21x33	25x33	30x33	38x33
		FPM (without liner) 95	<b>17x26</b> 11,918	<b>21</b> x <b>26</b> 14,818	<b>25</b> x <b>26</b> 17,559		<b>21</b> x <b>33</b> 20,626			
	EN M400E					30x26		25x33	30x33	38x33
	EN-MASSE 0°-15°	95	11,918	14,818	17,559	<b>30x26</b> 21,164	20,626	<b>25x33</b> 23,496	<b>30x33</b> 29,477	<b>38x33</b> 36,001
		95 110	11,918 13,801	14,818 17,158	17,559 20,332	<b>30x26</b> 21,164 24,506	20,626 23,882	<b>25x33</b> 23,496 27,206	<b>30x33</b> 29,477 34,131	<b>38x33</b> 36,001 41,686
CEDU		95 110 130	11,918 13,801 16,324	14,818 17,158 20,278	17,559 20,332 24,029	30x26 21,164 24,506 28,962	20,626 23,882 28,225	25x33 23,496 27,206 32,152	30x33 29,477 34,131 40,337	38x33 36,001 41,686 49,265
СГРН		95 110 130 160	11,918 13,801 16,324 20,074	14,818 17,158 20,278 24,957	17,559 20,332 24,029 29,575	30x26 21,164 24,506 28,962 35,645	20,626 23,882 28,225 34,738	25x33 23,496 27,206 32,152 39,573	30x33 29,477 34,131 40,337 49,645	38x33 36,001 41,686 49,265 60,634
СГРН	0°-15°	95 110 130 160 200	11,918 13,801 16,324 20,074 25,094	14,818 17,158 20,278 24,957 31,196	17,559 20,332 24,029 29,575 36,968	30x26 21,164 24,506 28,962 35,645 44,557	20,626 23,882 28,225 34,738 43,423	25x33 23,496 27,206 32,152 39,573 49,466	30x33 29,477 34,131 40,337 49,645 62,057	38x33 36,001 41,686 49,265 60,634 66,318
СҒРН		95 110 130 160 200 95	11,918 13,801 16,324 20,074 25,094 5,328	14,818 17,158 20,278 24,957 31,196 5,933	17,559 20,332 24,029 29,575 36,968 7,953	30x26 21,164 24,506 28,962 35,645 44,557 8,477	20,626 23,882 28,225 34,738 43,423 7,255	25x33 23,496 27,206 32,152 39,573 49,466 9,585	30x33 29,477 34,131 40,337 49,645 62,057 10,361	38x33 36,001 41,686 49,265 60,634 66,318 17,681
СЕРН	0°-15°	95 110 130 160 200 95 110	11,918 13,801 16,324 20,074 25,094 5,328 6,169	14,818 17,158 20,278 24,957 31,196 5,933 6,870	17,559 20,332 24,029 29,575 36,968 7,953 9,093	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816	20,626 23,882 28,225 34,738 43,423 7,255 8,400	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473
СҒРН	0°-15°	95 110 130 160 200 95 110 130	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196
СГРН	0°-15°	95 110 130 160 200 95 110 130	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779
СБРН	0°-15°	95 110 130 160 200 95 110 130 160 200	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571
СБРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM (without liner)	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21x33	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33
СБРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM (without liner) 95	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26 9,581	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26 11,910	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26 14,115	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26 17,010	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21x33 16,577	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33 18,884	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33 23,691	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33 28,801
СБРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM (without liner) 95 110	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26 9,581 11,094	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26 11,910 13,790	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26 14,115 16,344	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26 17,010 19,696	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21,x33 16,577 19,195	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33 18,884 21,866	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33 23,691 27,432	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33 28,801 33,348
	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM (without liner) 95 110 130	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26 9,581 11,094 13,122	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26 11,910 13,790 16,297	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26 14,115 16,344 19,316	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26 17,010 19,696 23,277	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21x33 16,577 19,195 22,685	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33 18,884 21,866 25,841	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33 23,691 27,432 32,420	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33 28,801 33,348 39,412
ВРН	0°-15°  TALL FLIGHT 15°-60°	95 110 130 160 200 95 110 130 160 200 FPM (without liner) 95 110 130 160	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26 9,581 11,094 13,122 16,137	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26 11,910 13,790 16,297 20,058	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26 14,115 16,344 19,316 23,774	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26 17,010 19,696 23,277 28,649	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21x33 16,577 19,195 22,685 27,920	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33 18,884 21,866 25,841 31,806	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33 23,691 27,432 32,420 39,901	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33 28,801 33,348 39,412 48,507
	0°-15°  TALL FLIGHT 15°-60°  EN-MASSE 0°-15°	95 110 130 160 200 95 110 130 160 200  FPM (without liner) 95 110 130 160 200	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26 9,581 11,094 13,122 16,137 20,172	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26 11,910 13,790 16,297 20,058 25,073	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26 14,115 16,344 19,316 23,774 29,717	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26 17,010 19,696 23,277 28,649 35,811	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21x33 16,577 19,195 22,685 27,920 34,900	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33 18,884 21,866 25,841 31,806 39,756	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33 23,691 27,432 32,420 39,901 49,876	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33 28,801 33,348 39,412 48,507 53,054
	0°-15°  TALL FLIGHT 15°-60°  EN-MASSE 0°-15°	95 110 130 160 200 95 110 130 160 200  FPM (without liner) 95 110 130 160 200 95	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26 9,581 11,094 13,122 16,137 20,172 4,282	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26 11,910 13,790 16,297 20,058 25,073 4,769	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26 14,115 16,344 19,316 23,774 29,717 6,312	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26 17,010 19,696 23,277 28,649 35,811 6,813	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21x33 16,577 19,195 22,685 27,920 34,900 5,831	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33 18,884 21,866 25,841 31,806 39,756 7,703	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33 23,691 27,432 32,420 39,901 49,876 8,327	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33 28,801 33,348 39,412 48,507 53,054 14,145
	0°-15°  TALL FLIGHT 15°-60°  EN-MASSE 0°-15°	95 110 130 160 200 95 110 130 160 200 FPM (without liner) 95 110 130 160 200 95 110	11,918 13,801 16,324 20,074 25,094 5,328 6,169 7,291 8,974 11,217 17x26 9,581 11,094 13,122 16,137 20,172 4,282 4,958	14,818 17,158 20,278 24,957 31,196 5,933 6,870 8,119 9,993 12,491 21x26 11,910 13,790 16,297 20,058 25,073 4,769 5,522	17,559 20,332 24,029 29,575 36,968 7,953 9,093 10,746 13,226 16,533 25x26 14,115 16,344 19,316 23,774 29,717 6,312 7,308	30x26 21,164 24,506 28,962 35,645 44,557 8,477 9,816 11,600 14,277 17,847 30x26 17,010 19,696 23,277 28,649 35,811 6,813 7,889	20,626 23,882 28,225 34,738 43,423 7,255 8,400 9,927 12,218 15,273 21,x33 16,577 19,195 22,685 27,920 34,900 5,831 6,751	25x33 23,496 27,206 32,152 39,573 49,466 9,585 11,098 13,116 16,142 20,179 25x33 18,884 21,866 25,841 31,806 39,756 7,703 8,920	30x33 29,477 34,131 40,337 49,645 62,057 10,361 11,997 14,178 17,450 21,812 30x33 23,691 27,432 32,420 39,901 49,876 8,327 9,642	38x33 36,001 41,686 49,265 60,634 66,318 17,681 20,473 24,196 29,779 32,571 38x33 28,801 33,348 39,412 48,507 53,054 14,145 16,379

The above capacities are rated under ideal conditions with dry material being properly fed into the conveyor.

The horizontal to  $15^{\circ}$  capacities are listed for horizontal usage, capacities will decrease as the conveyor is inclined. The  $15^{\circ}$  to  $60^{\circ}$  conveying capacities are rated for conveying at  $30^{\circ}$ .

The capacities given are for reference only. Please contact customer service for capacities in your specific application.

TPH capacities based on 48 pounds per cubic foot (768 Kg/cm) material density.



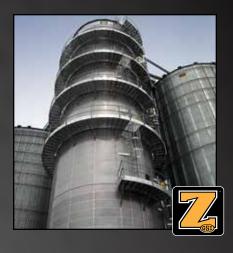
#### 40-SERIES™ GRAIN BIN

When determining the best system for your operation, we know that what's protected inside the bin is what counts most. Each GSI bin is efficiently designed to handle maximum loads for unmatched strength. All GSI bins are constructed using the highest-strength steel available.



#### **TOWERS AND CATWALKS**

GSI offers a full line of structures to support material handling equipment. Built to perform for the long haul, GSI QuickBolt™ Towers and Catwalks are engineered to your facility's layout, taking wind, seismic and snow loading into consideration. GSI structures feature bolt-up assembly and hot-dipped galvanized finish.



#### **ZIMMERMAN TOWER DRYERS**

Not all tower dryers are created equal. What sets Zimmerman dryers apart is over 50 years of innovative design expertise and industry proven drying principles. The result is an easy-to-operate, easy-to-maintain, durable, fuel-efficient grain dryer, supported by an expert dealer network.



#### PREMIUM TRAINING, SERVICE AND SUPPORT

The InterSystems brand is known worldwide for expertise in the manufacturing of material handling products and industrial sampling systems. GSI manufactures InterSystems products in a 200,000 sq. ft. state-of-the-art, ISO 9001 and 14001 certified facility in Omaha, Nebraska.









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