

### TRUSS FRAME CONVEYOR

BASE: 36" Deep Truss, Hot Dip Galvanized, with 4 x 3 x 1/4 Chords for supports on 40'-0" max spacing, based on 100 PCF aggregate material. Includes Frame, Pulleys with Shafts and Bearings, C5 Idlers, Drive Package, Primary Scraper, Takeups, Tail Pulley Guard, 10' Loadskirt, Belt with Mechanical Splice. 48" tall supports. Fully Assembled in 40' nominal lengths.

### 24" BELT WIDTH

Pulley Ctrs	Capacity	Incline	HP	FPM	Belt	Head	Shafts		Takeup
					PIW	Pulley	Head	Tail	
<40'	300	0	7.5	350	220	16	2.937	2.437	18
		1-10	10	350	220	16	2.937	2.437	
		11-18	10	350	220	16	2.937	2.437	
41' – 80'	300	0	7.5	350	220	16	2.937	2.437	24
		1-10	15	350	220	18	3.437	2.437	
		11-18	15	350	220	18	3.437	2.437	
81' – 120'	300	0	10	350	220	16	2.937	2.437	36
		1-10	15	400	220	16	2.937	2.437	
		11-18	25	400	220	18	3.937	2.937	
121' – 160'	300	0	10	400	220	16	2.937	2.437	36
		1-10	20	400	220	18	3.437	2.937	
		11-18	30	400	330	18	3.937	2.937	
161' – 200'	300	0	15	400	220	16	2.937	2.437	48
		1-10	25	400	220	18	3.937	2.937	
		11-18	40	400	330	20	4.437	3.437	

\* Advise if Discharge Head Pulley Hood and/or Discharge Spout is required

\* For Gravity Takeup with (2) Bend Pulleys, (1) Wing Pulley, Shafts and bearings, with Takeup Box, additional costs apply

Note: Additional weight required by installer for proper tensioning

\* Covers are Galvanized smooth Domed Covers with Hoopbands; assembled to conveyor frame

\* Manwalk is 24" Wide Serrated Galvanized GripStrut Grating//Flooring with Integral Toeplates, with Handrails painted OSHA safety yellow

\* Wrap Around Service Platform (Requires Discharge Chute), additional costs apply

\* SAFETY: (1) RS-2 E-Stop Safety Switch with Safety Cable, additional costs apply

Note: Each Switch covers up to 200' of conveyor and is priced "per side"

\* TA-2 Tilt Alignment Switches: For (1) Set (2 switches), additional costs apply

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PACKAGE HANDLING SYSTEMS

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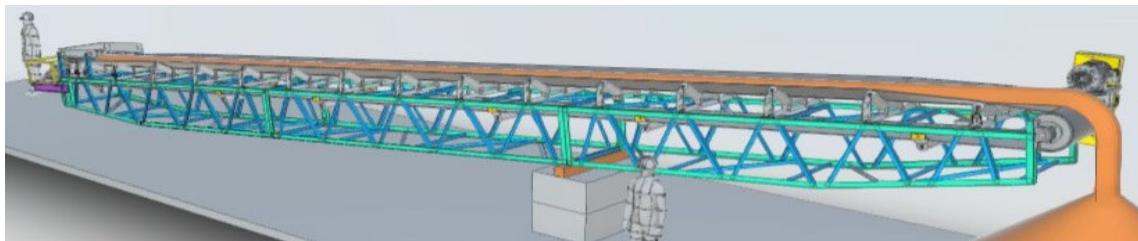
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### 30" BELT WIDTH

Pulley Ctrs	Capacity	Incline	HP	FPM	Belt		Shafts		Takeup
					PIW	Pulley	Head	Tail	
<40'	500	0	10	350	220	16	3.437	2.937	18
		1-10	15	350	220	16	3.437	2.937	
		11-18	15	350	220	16	3.437	2.937	
41' – 80'	500	0	10	350	220	16	3.437	2.937	24
		1-10	20	350	220	18	3.437	2.937	
		11-18	25	350	220	18	3.937	2.937	
81' – 120'	500	0	15	350	220	16	3.437	2.937	36
		1-10	25	400	220	18	3.937	2.937	
		11-18	40	400	330	18	4.437	3.437	
121' – 160'	500	0	15	400	220	16	3.437	2.937	36
		1-10	30	400	220	18	3.937	2.937	
		11-18	40	400	330	18	4.437	3.437	
161' – 200'	500	0	15	400	220	16	3.437	2.937	48
		1-10	40	400	330	18	4.437	3.437	
		11-18	50	400	330	20	4.937	3.437	

\* Advise if Discharge Head Pulley Hood and/or Discharge Spout is required

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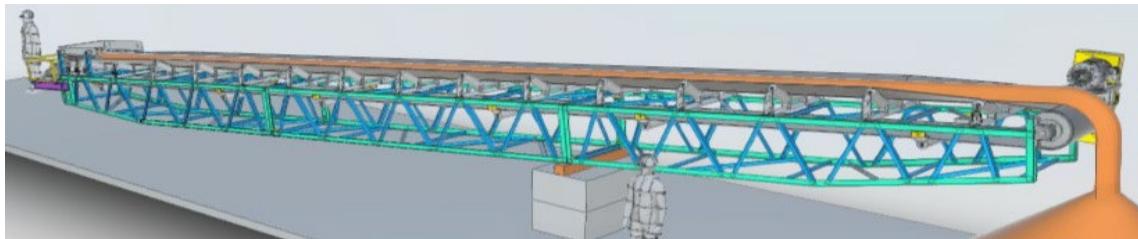
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### 36" BELT WIDTH

Pulley Ctrs	Capacity	Incline	HP	FPM	Belt		Shafts		Takeup
					PIW	Pulley	Head	Tail	
<40'	700	0	15	350	220	16	3.937	3.437	18
		1-10	15	350	220	16	3.937	3.437	
		11-18	20	350	220	18	3.937	3.437	
41' – 80'	700	0	15	350	220	16	3.937	3.437	24
		1-10	25	350	220	18	3.937	3.437	
		11-18	40	350	330	18	4.437	3.437	
81' – 120'	700	0	15	400	220	16	3.437	3.437	36
		1-10	30	400	220	18	3.937	3.437	
		11-18	50	400	330	20	4.937	3.937	
121' – 160'	700	0	20	400	220	16	3.437	3.437	36
		1-10	40	400	220	18	4.437	3.437	
		11-18	60	400	330	20	5.437	3.937	
161' – 200'	700	0	20	400	220	16	3.437	3.437	48
		1-10	50	400	330	20	4.937	3.937	
		11-18	75	400	440	24	5.437	3.937	

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**Included:**

**Head Section:** Truss Frame (36" Deep), Hot Dip Galvanized, 40'-0" long, Assembled, complete with:

- Head Shaft, turned down only for reducer
- (2) Dodge Type E Pillow Block Roller Bearings
- Crown Faced Welded Steel Drum Pulley, with 3/8" thick Herringbone Lagging, with XT bushings
- EZP Primary Scraper

**Tail Section:** Truss Frame (36" Deep), Hot Dip Galvanized, Variable Length, Assembled, complete with:

- Tail Shaft, same bore through pulley and bearings
- (2) Dodge Type SCM Pillow Block Ball Bearings
- Crown Faced Welded Steel Wing Tail Pulley, with XT bushings
- (2) Screw Takeup Frames
- 10'-0" of Loadskirt Box, with adjustable clamp bar, with loadskirt rubber

**Intermediate Section(s):** Truss Frame (36" Deep), Hot Dip Galvanized, 40'-0" long, Assembled Support Legs/Bents, on 40'-0" max Centers

- Advise if Tail is not a grade level as additional costs may apply if elevated

(2) 20 Degree C5 Equal Length Transition Idlers

(10) 35 Degree C5 Equal Length Idlers in load area

(\*) 35 Degree C5 Equal Length Idlers in conveying area

(\*) Flat C5 Return Idlers with Nip Guards

(\*) Self-Aligning Training Idlers on appx 75'-0" centers on Carry side and Return side

Belting, rated for service, Unbranded with Top and Bottom covers, with mechanical splice  
 Motor HP for service, 3/60/230-460, TEFC, Premium Efficient Motor with Dodge TA2 Class II Reducer, with Motor Mount, Taper Bushing Assembly, Tie-Rod Torque Arm assembly, Vee-Belt Drive, and OSHA approved Belt Guard

**Optional Items to consider:**

Discharge Pulley Hood Cover & Discharge Spout/Chute

Domed Covers

Manwalk (with or without Head Service Platform)

Gravity Takeup

Zero Speed Switch

Belt Alignment Switches

E-Stop Switches with Pull Cable

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