

# CONVEYORS

MATERIAL HANDLING EQUIPMENT

**Stephens**   
CONCRETE PLANTS • Tompkinsville, KY



# Truss Conveyor

CONVEYORS



Custom built conveyors 24" - 48" widths.

Conveyors can run horizontal then transition to run on incline, ( For underground storage hoppers)

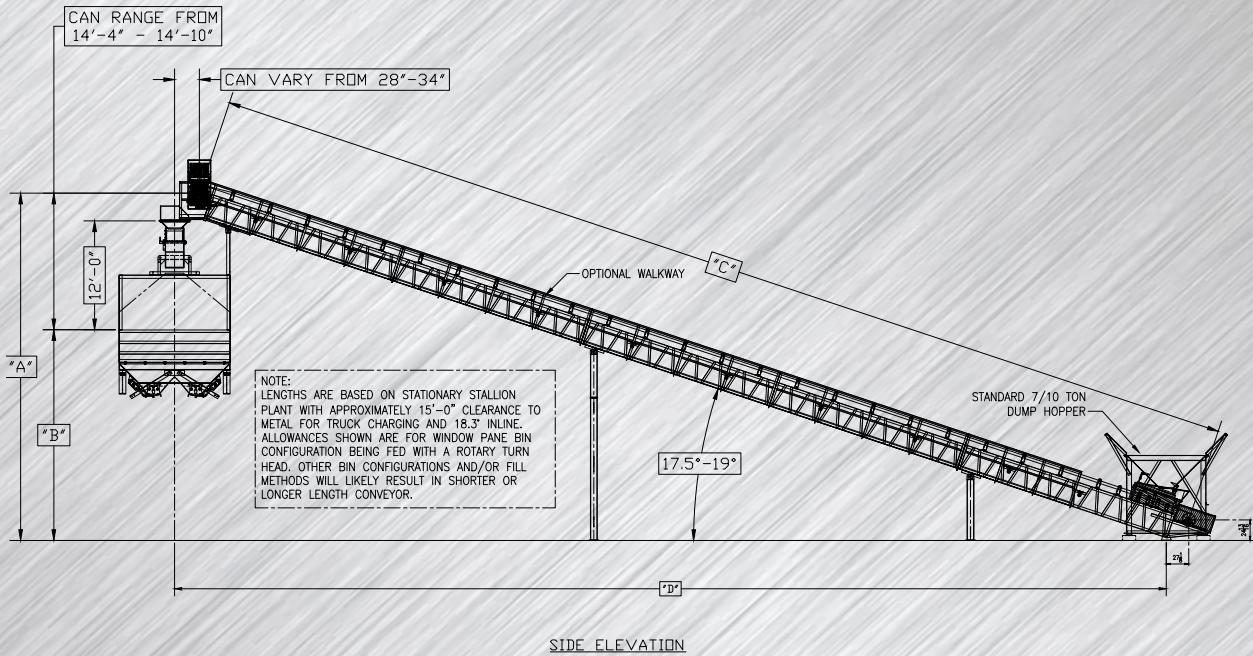
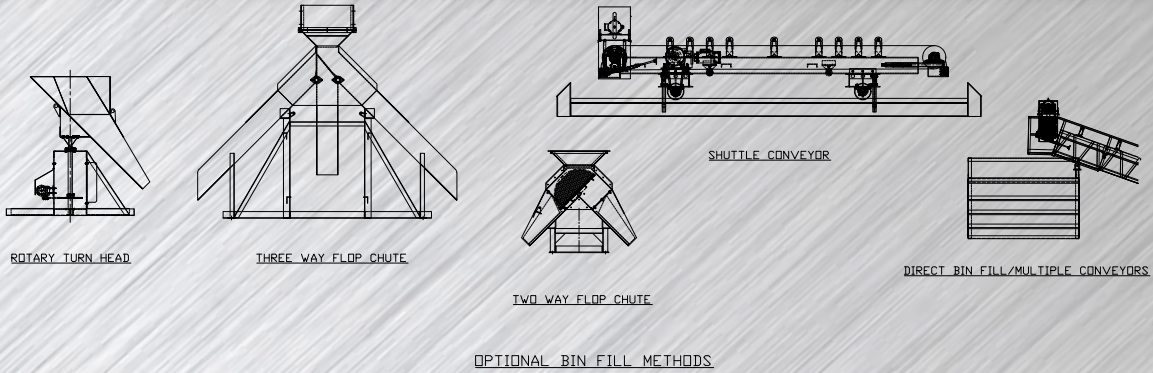
Each conveyor can be custom designed to your specifications and speed.

3"X3"X4" main cord 2-1/2" X 2-1/2" X 3/16" diagonals.

With in-ground hoppers and Stephens Seek-N-Feed automated bin filling system, a 200 ton overhead bin can function as a 400-500 ton plant. A PLC based controller, for in-ground dump hopper and tunnel conveyor, can increase plant storage capacity and production. The system automatically fills overhead storage bins.



# Truss Conveyor



TRUSS CONVEYOR DIMENSIONS CHART						
DESCRIPTION	UNITS	A	B	C	D	CAPACITIES CU YARDS CU METERS
70 TON AGG. BIN	STD.	36'-6 7/8"	22'-1 1/4"	110'-0"	104'-8 1/16"	51.85
	METRIC	11.1482 M	6.74 M	33.528 M	31.9048 M	39.6
100 TON AGG. BIN	STD.	38'-1 3/4"	24'-0 3/4"	115'-0"	109'-5"	74.07
	METRIC	11.6272 M	7.33 M	35.052 M	33.3516 M	56.0
120 TON AGG. BIN	STD.	39'-8 5/8"	25'-0 3/4"	120'-0"	114'-2 1/8"	88.8
	METRIC	12.1063 M	7.64 M	36.576 M	34.7984 M	67.8
150 TON AGG. BIN	STD.	41'-3 7/16"	27'-1 1/4"	125'-0"	118'-10 15/16"	111.11
	METRIC	12.5853 M	8.26 M	38.1 M	36.2451 M	84.9
200 TON AGG. BIN	STD.	44'-5 3/16"	30'-3 1/4"	135'-0"	128'-4 7/8"	148.1
	METRIC	13.5433 M	9.23 M	41.148 M	39.1386 M	113.2
240 TON AGG. BIN	STD.	46'-0"	30'-10 5/8"	140'-0"	133'-1 13/16"	177.8
	METRIC	14.0224 M	9.41 M	42.672 M	40.5854 M	135.8
270 TON AGG. BIN	STD.	47'-6 7/8"	32'-10 5/8"	145'-0"	137'-10 3/4"	200
	METRIC	14.5014 M	10.02 M	44.196 M	42.0322 M	152.8
300 TON AGG. BIN	STD.	49'-1 3/4"	34'-10 5/8"	150'-0"	142'-7 3/4"	222.2
	METRIC	14.9804 M	10.63 M	45.72 M	43.4789 M	169.7
335 TON AGG. BIN	STD.	52'-3 1/2"	37'-0 5/8"	160'-0"	152'-1 5/8"	248.1
	METRIC	15.9385 M	11.29 M	48.768 M	46.3724 M	189.5
365 TON AGG. BIN	STD.	53'-10 5/16"	39'-0 5/8"	165'-0"	156'-10 5/8"	270.4
	METRIC	16.4175 M	11.9 M	50.292 M	47.8192 M	206.5
400 TON AGG. BIN	STD.	57'-0"	41'-0 5/8"	175'-0"	166'-4 9/16"	296.3
	METRIC	17.3756 M	12.51 M	53.34 M	50.7127 M	226.3

NOTE: TO CONTINUALLY UPDATE AND IMPROVE OUR PRODUCT WE RESERVE THE RIGHT TO AMEND OUR STANDARD SPECIFICATIONS WITHOUT NOTICE.

# Radial Stacker

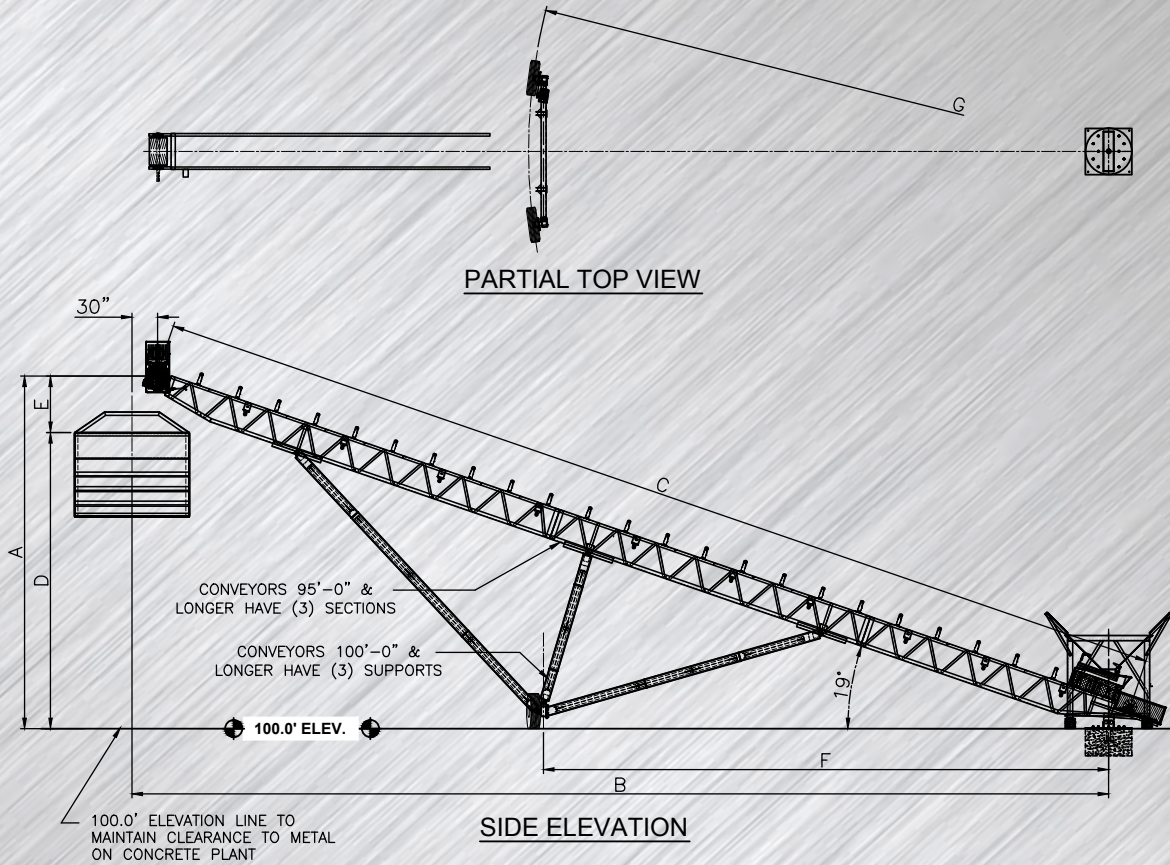
Custom built Radial Stackers 24", 30" and 36" belt widths, max length 125'.

Heavy deep frame construction 3"x3"x1/4" main cord, 2-1/2" X 2-1/2" X 3/16" diagonals and heavy I beam supports and heavy rectangular structural steel axle.



# Radial Stacker Conveyor

## RADIAL STACKER CONVEYORS



RADIAL STACKER CONVEYOR BASIC DIMENSIONS							
RADIAL STACKER CONVEYOR TO CHARGE .....	A	B	*C	D	E	F	G
EAGLE MOBILE 70	26'-4"	71'-4 1/2"	75'-0"	19'-6 5/8"	6'-9 3/8"	42'-6"	44'-2"
EAGLE MOBILE 100	27'-9 5/8"	76'-1 1/4"	80'-0"	21'-6 5/8"	6'-3"	45'-0"	46'-7 3/8"
EAGLE MOBILE 120	29'-5 1/8"	80'-10"	85'-0"	22'-6 5/8"	6'-10 1/2"	47'-6"	49'-0 7/8"
EAGLE MOBILE 150	31'-0 3/4"	85'-6 3/4"	90'-0"	24'-7 1/8"	6'-5 5/8"	50'-0"	51'-6 3/8"
EAGLE MOBILE 200	34'-5 5/8"	95'-0 1/8"	100'-0"	27'-9 1/8"	6'-8 1/2"	55'-0"	56'-5 1/2"
MUSTANG 70	27'-9 5/8"	76'-1 1/4"	80'-0"	21'-2 1/8"	6'-2 7/8"	45'-0"	46'-7 3/8"
STALLION/THOROUGHbred 70	27'-9 5/8"	76'-1 1/4"	80'-0"	21'-6 3/4"	6'-2 7/8"	45'-0"	46'-7 3/8"
STALLION/THOROUGHbred 100	29'-5 1/8"	80'-10"	85'-0"	23'-6 3/4"	5'-10 3/8"	47'-6"	49'-0 7/8"
STALLION/THOROUGHbred 120	31'-0 3/4"	85'-6 3/4"	90'-0"	24'-6 3/4"	6'-0"	50'-0"	51'-6 3/8"
STALLION/THOROUGHbred 150	32'-8 1/4"	90'-5 1/2"	95'-0"	26'-7 1/4"	6'-1"	52'-6"	54'-0"
STALLION/THOROUGHbred 200	35'-11 3/8"	99'-8 7/8"	105'-0"	29'-9 1/4"	5'-2 1/8"	57'-6"	58'-11 1/4"
STATIONARY EMPIRE 240	37'-8 3/4"	104'-5 5/8"	110'-0"	30'-10 5/8"	6'-10 1/8"	60'-0"	61'-4 7/8"
STATIONARY EMPIRE 270	39'-4 1/4"	109'-2 3/8"	115'-0"	32'-10 5/8"	6'-6"	62'-6"	63'-11 5/8"
STATIONARY EMPIRE 300	40'-11 3/4"	113'-11 1/8"	120'-0"	34'-10 5/8"	6'-1 1/8"	65'-0"	66'-4 1/4"

\* CONVEYOR LENGTHS BASED ON:  
 14'-0" CLEARANCE FOR EAGLE MOBILE  
 15'-0" CLEARANCE FOR MUSTANG  
 13'-6" CLEARANCE FOR EMPIRE/STALLION/THOROUGHbred

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# Screw Conveyor



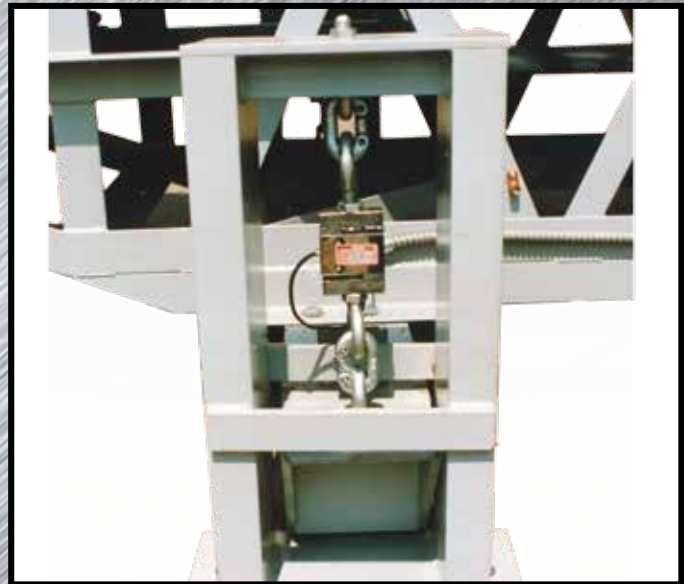
Custom built with various drives and speeds; 6" - 14" Screws available with direct drives, reducer drives, and spline drives, (some sizes not available with each drive ).

# Weighing Conveyor



Weighing conveyors up to 80' long. (Designed to weigh complete batch & then start belt under full load)

# Weighing Pylon



Each Shuttle is custom built to feed your bins or hoppers. 24" - 36" widths available. Rotating Shuttle Conveyors also available for multiple bin and hopper combinations or round bins.



# Shuttle Conveyor



## Why a Stephens?

- Owned by Stephens family since 1957
- Reputation of honest, reliable and second to none sales and service
- In-house CNC/Machine shop
- Certified in-house scales to keep load cell size and quantity down
- Simple and easy to service and maintain, features standard off the shelf parts
- Each plant is designed for your seismic requirements

Proud Members of



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Note: Parts and structure do vary from machine to machine as new product testing and research proves their success.



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