

CONVEYORS

MATERIAL HANDLING EQUIPMENT



Stephens 

CONCRETE PLANTS • Tompkinsville, KY

800-626-0200

www.stephensmfg.com



Truss Conveyor

CONVEYORS



Custom built conveyors 24" - 48" widths.

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

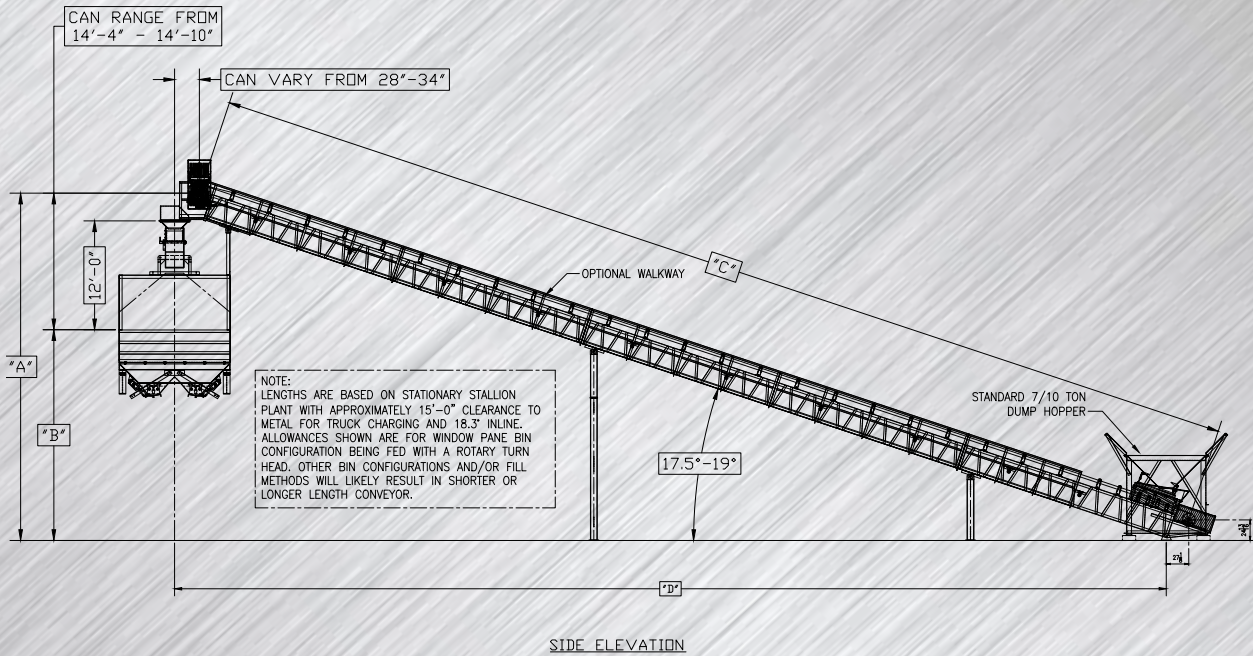
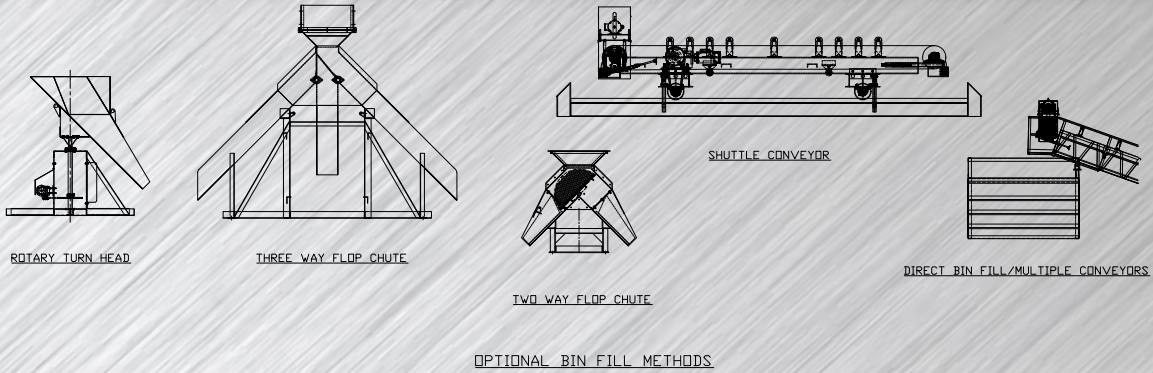
Each conveyor can be custom designed to your specifications and speed.

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

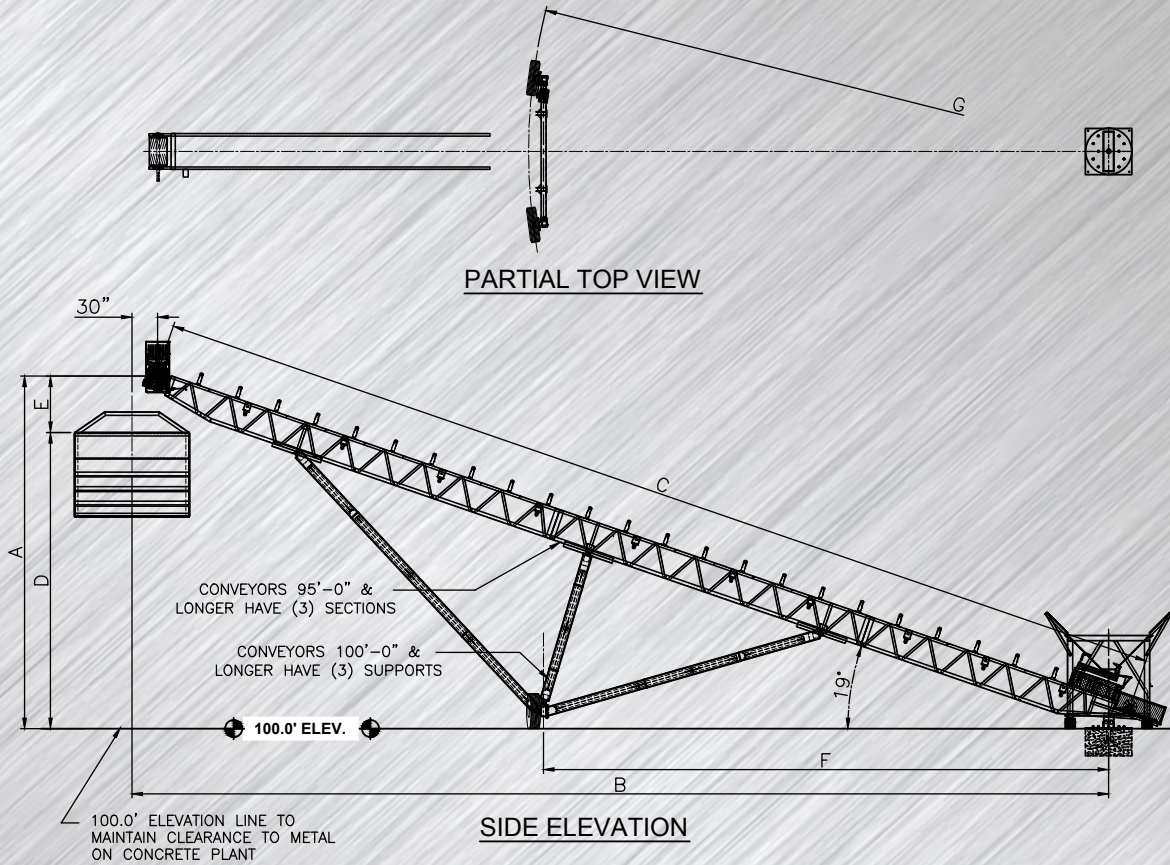
Custom built Radial Stackers 24", 30" and 36" belt widths, max length 125'.

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



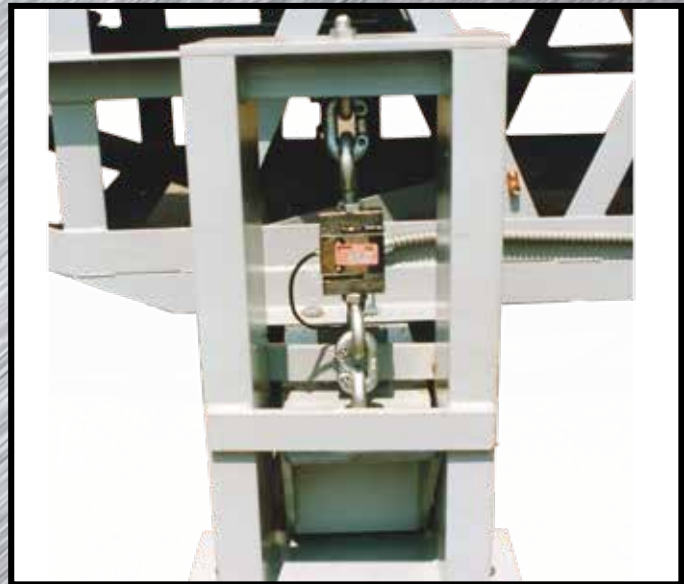
Custom built with various drives and speeds; 6" - 14" Screws available with direct drives, reducer drives, and spline drives, (some sizes not available with each drive).

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

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CONCRETE PLANTS • Tompkinsville, KY

Stephens Manufacturing

P.O. BOX 488 • TOMPKINSVILLE, KY 42167

PHONE: 800-626-0200 • OUTSIDE the USA 270-487-6774

FAX: 270-487-8368

www.stephensmfg.com



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



Local Distributor: