

# HAVE A FEW TONS OF SEED TO MOVE?

**THE 12" OX SEED BELT CONVEYOR  
IS READY FOR THE CHALLENGE.**



*Shown with optional spring loaded hopper.*



You can build the Ox 12" Seed Belt Conveyor up to 70'. It's designed for rapid, gentle transfer of seed, because its 12" tube and 14" belt produce large capacities while avoiding seed damage. But don't let its gentle nature fool you, the Ox isn't afraid to get down and dirty.



# 12" SEED BELT CONVEYOR

## STANDARD FEATURES

- Available in 25' to 70' lengths. (In 5' increments)
- Top and bottom adjustment for belt tension and tracking.
- Belt conveyor provides rapid, gentle transfer of seed.
- Steel hopper intake for gravity wagons or seed hopper tanks.
- Spout made for gentle transition from the incline belt to the discharge.
- Three conveyor belt speeds let you match the delivery rate to your requirements.



OPTIONAL SPRING LOADED HOPPER



DISCHARGE HEAD

## SPECIFICATIONS

Tube	12 ga. welded 12" tube with standard wind skirt for belt return. (Stainless steel optional)
Belting	14" PVC belt with crescent top surface.  Vulcanized drive roller; self cleaning bottom roller; top and bottom SCM bearings for belt tension and tracking. "S" wrap style drive.
Drive	PTO, electric, hydraulic, or gas over hydraulic drive options.  Electric drive - 400, 675, or 900 FPM belt speed. Jackshaft drive.
Spout	Spout opening is 14 <sup>3</sup> / <sub>4</sub> " x 15 <sup>3</sup> / <sub>4</sub> ".
Transport	Timken roller bearings for highway use. 2" x 3" lower arms and 2" x 4" upper arms. 80" width (30-45' conveyors) or 108" (50-70' conveyors).

## CONVEYOR CAPACITIES (Electric drive)

	BELT SPEED		
	400 FPM	675 FPM	900 FPM
25°	3,200 BPH	4,275 BPH	4,960 BPH
30°	2,400 BPH	3,000 BPH	3,230 BPH

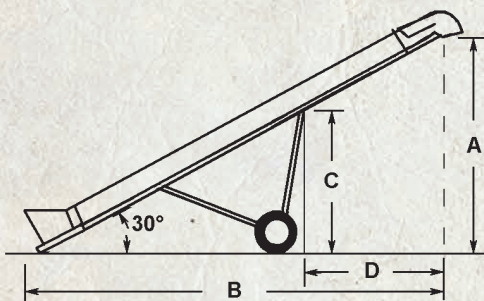
Capacities are approximates, for conveying soybeans, and will vary with material conveyed and conveyor incline.

## OPTIONAL FEATURES

- Optional spring loaded hopper. *The hopper folds down to get under gravity wagons, trailers, etc., and then raises to minimize spillage.*
- PTO, electric, hydraulic, and gas over hydraulic drive.
- Feeder hoppers. *Available in 6, 9, and 12 ft. lengths for added reach.*
- Stainless steel construction *Contact factory*



FEEDER HOPPER



## REACH & ELEVATION (30° incline)

	CONVEYOR LENGTH									
	25'	30'	35'	40'	45'	50'	55'	60'	65'	70'
A - Elevation	12 <sup>1</sup> / <sub>2</sub> '	15'	17 <sup>1</sup> / <sub>2</sub> '	20'	22 <sup>1</sup> / <sub>2</sub> '	25'	27 <sup>1</sup> / <sub>2</sub> '	30'	32 <sup>1</sup> / <sub>2</sub> '	35'
B - Distance	24'	28 <sup>1</sup> / <sub>2</sub> '	33'	37'	41 <sup>1</sup> / <sub>2</sub> '	46'	50'	54 <sup>1</sup> / <sub>2</sub> '	59'	63'
C - Height	9'	9 <sup>1</sup> / <sub>2</sub> '	10'	13'	15 <sup>1</sup> / <sub>2</sub> '	16'	18'	18'	20'	20'
D - Reach	6 <sup>1</sup> / <sub>2</sub> '	10'	14'	13'	13'	17'	17 <sup>1</sup> / <sub>2</sub> '	21 <sup>1</sup> / <sub>2</sub> '	22 <sup>1</sup> / <sub>2</sub> '	26 <sup>1</sup> / <sub>2</sub> '

## RECOMMENDED HORSEPOWER (Electric drive)

BELT SPEED	CONVEYOR LENGTH									
	25'	30'	35'	40'	45'	50'	55'	60'	65'	70'
400 FPM*	5	5	5	7 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	10	10	10
675 FPM	7 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	10	10	10	15	15	15	15	20
900 FPM	10	10	10	15	15	15	20	20	20	20

\* 400 FPM recommended for seed applications



ELECTRIC DRIVE

## BELT SPEED CONVERSIONS

ELECTRIC	HYDRAULIC	PTO
400 FPM	5.3 GPM*	122 RPM
675 FPM	8.9 GPM*	206 RPM
900 FPM	11.9 GPM*	275 RPM

The conversion chart shows hydraulic flow rates and PTO speeds needed to match belt speeds with electric drive.

\* Requires 2,250 PSI



# THERE'S WORK TO DO.

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