

BULK SEED HANDLING EQUIPMENT >

# 12" SEED BELT CONVEYOR



Build your 12" Seed Belt Conveyor up to 70 feet. Designed for rapid, gentle transfer of seed, its 12 inch tube and 14 inch belt produce large capacities while avoiding seed damage. Transfer tons of seed quickly and gently.

# Sudenga®

INDUSTRIES, INC.



- 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.
- Hopper options 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.

Learn more  
or get a quote



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# 12" SEED BELT CONVEYOR

**Have a few tons of seed to move?** You can build the Ox 12" Seed Belt Conveyor in lengths 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.

## CONVEYOR CAPACITIES (ELECTRIC DRIVE)

	Belt Speed		
	400 FPM	675 FPM	900 FPM
25°	3200 BPH (4000 CFH)	4275 BPH (5340 CFH)	4960 BPH (6200 CFH)
30°	2400 BPH (3000 CFH)	3000 BPH (3700 CFH)	3230 BPH (4000 CFH)

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



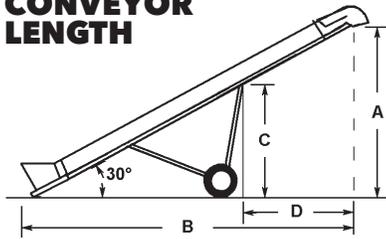
Shown with undercar belt hopper



Discharge hood

Optional feeder hopper

## CONVEYOR LENGTH



	25'	30'	35'	40'	45'	50'	55'	60'	65'	70'
<b>A - Elevation</b>	12½'	15'	17½'	20'	22½'	25'	27½'	30'	32½'	35'
<b>B - Distance</b>	24'	28½'	33'	37'	41½'	46'	50'	54½'	59'	63'
<b>C - Height</b>	9'	9½'	10'	13'	15½'	16'	18'	18'	20'	20'
<b>D - Reach</b>	6½'	10'	14'	13'	13'	17'	17½'	21½'	22½'	26½'

## SPECIFICATIONS

<b>Tube</b>	12 ga. welded 12" tube with standard wind skirt for belt return. (Stainless steel optional)
<b>Belting</b>	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.
<b>Drive</b>	PTO, electric, hydraulic, or gas over hydraulic drive options.  Electric drive - 400, 675, or 900 FPM belt speed. Jackshaft drive.
<b>Spout</b>	Spout opening is 14¼" x 15¼".
<b>Transport</b>	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).

## 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 2,500 PSI



## OPTIONS

- **Optional spring loaded hopper:** The hopper folds down to get under gravity wagons, trailers, etc., and then raises to minimize spillage.
- **Feeder hoppers:** Available in 6', 9', and 12' lengths. Low-profile receiving.
- PTO, electric, hydraulic and gas over hydraulic drive.
- Stainless steel construction (contact factory)



Optional spring loaded hopper

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## RECOMMENDED HORSEPOWER (ELECTRIC DRIVE)

Belt Speed	Conveyor Length									
	25'	30'	35'	40'	45'	50'	55'	60'	65'	70'
400 FPM*	5	5	5	7½	7½	7½	7½	10	10	10
675 FPM	7½	7½	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

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