

CHAIN COMMANDER 130 12" PORTABLE DOUBLE RUN GRAIN PUMP®

CONVEYOR DIMENSIONAL INFORMATION

Effective January 3, 2014

Publication No. 1041952

Model No.'s

130' Models

P121300EB8 (Electric Drive)

P121300PB8 (PTO Drive)



Hutchinson/Mayrath

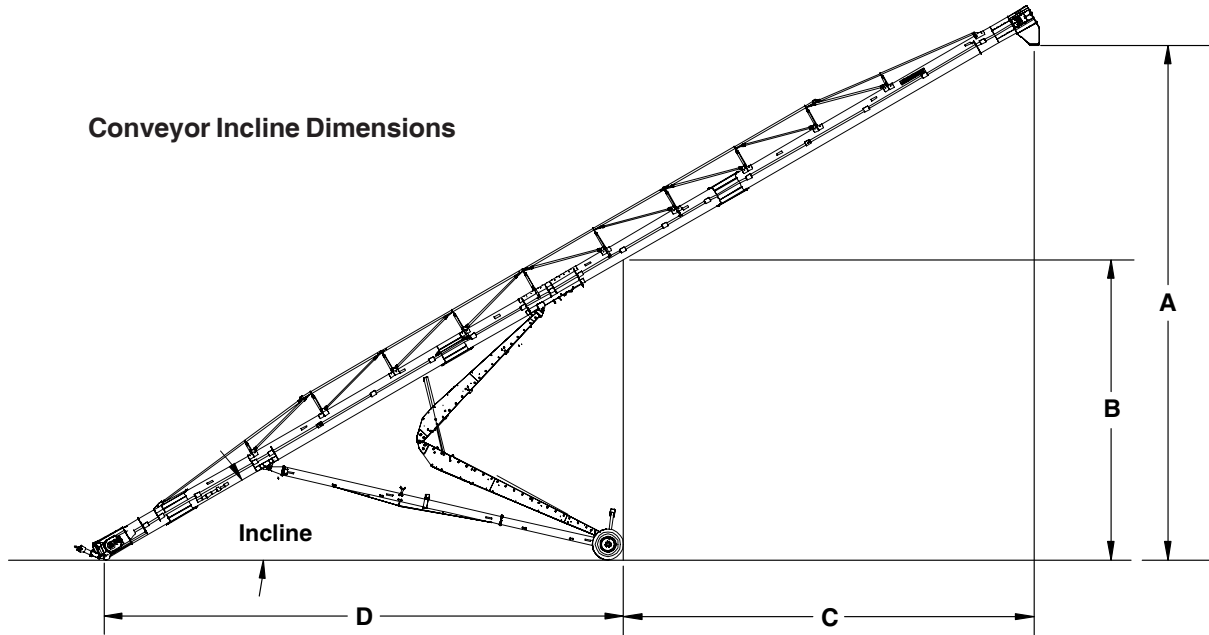
A Division of GLOBAL Industries Inc.

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GENERAL INFORMATION

INCLINE & OPTIONAL SWIVEL SPOUT

Conveyor Incline Dimensions

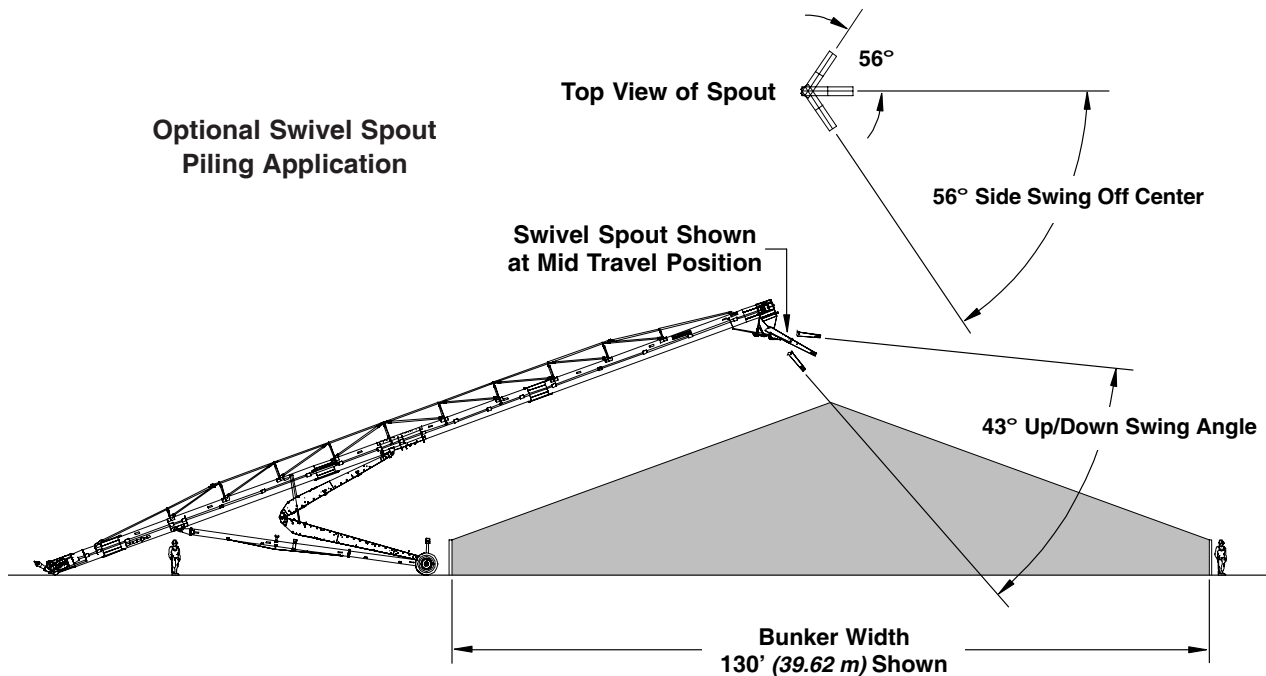


Conveyor Incline	"A"	"B"	"C"	"D"	"H" (Tread Width)
42° Max.	85'-3" (25.98 m)	53'-9" (16.38 m)	38'-8" (11.79 m)	59'-11" (18.26 m)	14'-0" (4.27 m)
30°	63'-0" (19.20 m)	36'-9" (11.20 m)	50'-4" (15.34 m)	63'-8" (19.41 m)	14'-0" (4.27 m)
20°	42'-4" (12.90 m)	24'-4" (7.31 m)	57'-3" (17.45 m)	65'-11" (20.09 m)	14'-0" (4.27 m)
10°	20'-4" (6.20 m)	11'-11" (3.63 m)	61'-5" (18.72 m)	67'-3" (20.50 m)	14'-0" (4.27 m)

Tread width "H" is with axles in the collapsed position and measured from outside-to-outside of tires, add 4' (1.3 m) for axles in the extended width.

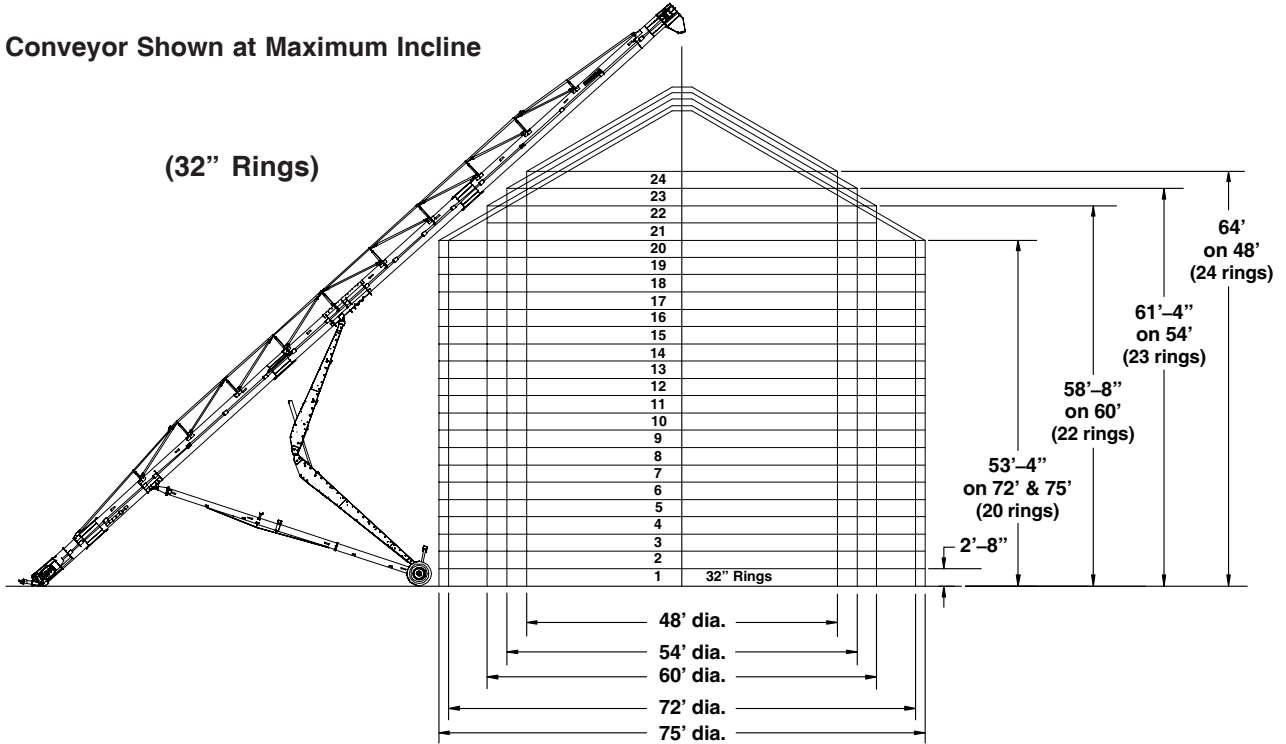
Note: Actual dimensions "A & B" may be somewhat less due to tire squash and conveyor deflection.

Optional Swivel Spout Piling Application

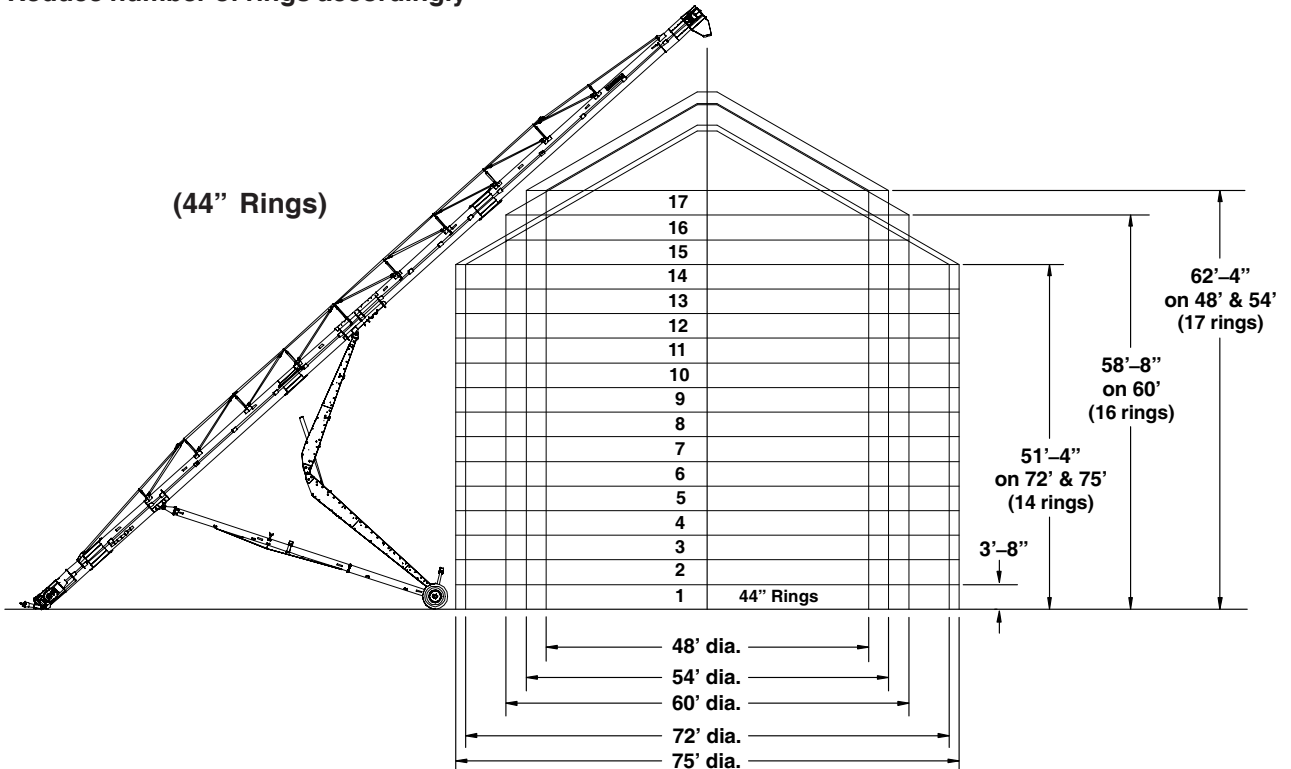


BIN SIZE COMPATIBILITY

Conveyor Shown at Maximum Incline

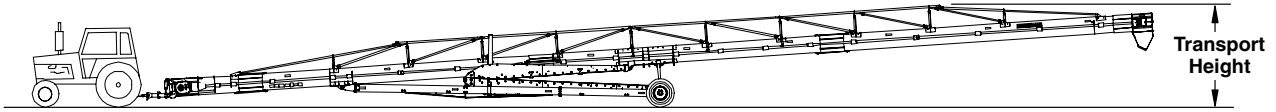


Note: No foundation height is accounted for.
Reduce number of rings accordingly

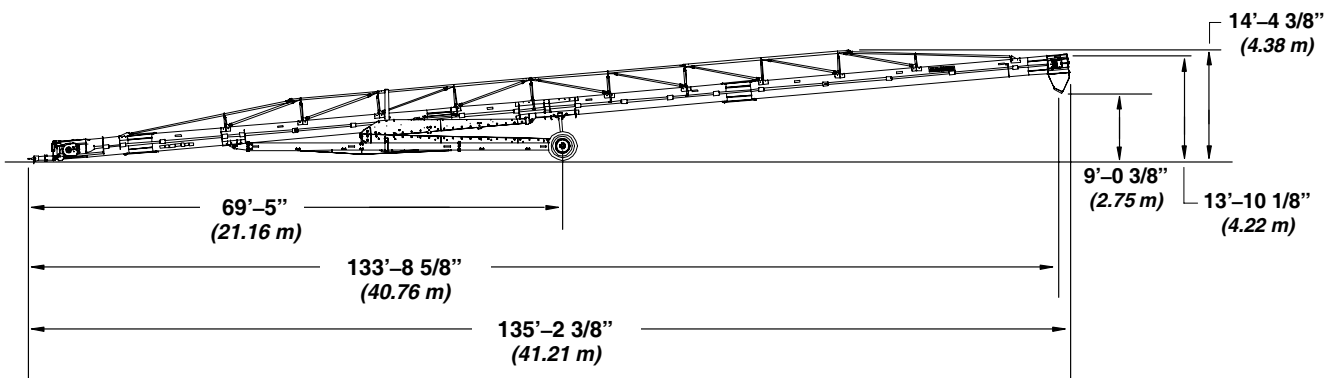


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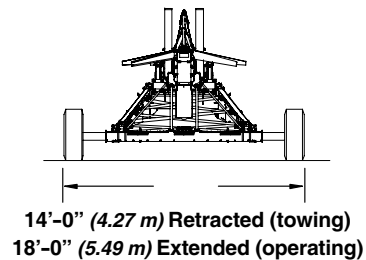
TRANSPORT INFORMATION



Never transport the conveyor while it is in the raised position, even when moving from one work site to another. Always transport the conveyor in the full down position.



Transport Height*	13'-6" (4.11 m)
Lowered Height**	14'-4" (4.37 m)
Total Weight	23,680 lbs. (10,741 kg)
Axle Weight	19,320 lbs. (8,763 kg)
Hitch Weight	4,360 lbs. (1,978 kg)
Towing Axle Width	14'-0" (4.27 m)
Operating Axle Width	18'-0" (5.49 m)



* Transport height is with conveyor fully lowered, hitch cylinders fully extended and attached to vehicle with drawbar height of 1'-6" (4.6 cm).

** Lowered height is with the conveyor fully lowered and the boot (inlet end) resting on the ground.

ELECTRIC DRIVE POWER REQUIREMENTS

IMPORTANT! Keep all shields and safety devices in place at all times. Observe all safety signs and warnings shown on the product and in the operator's manual.

Electric motors and controls shall be installed by a qualified electrician and must meet the standards set by the National Electric Code and all local and state codes.

Conveyor Model	Recommended HP (kw)	Motor Frame Size	Recommended Motor Sheave f/ 60Hz, 1750 RPM Motor	Recommended Motor Sheave f/ 50Hz, 1450 RPM Motor
12" x 130'	60–75 hp (45–56 kw)	364T (f/ 60 hp) 365T (f/ 75 hp)	4–Groove "5V" Section 6.3" Outside Dia. f/ 1217 T.L. Bushing	4–Groove "5V" Section 7.5" Outside Dia. f/ 1217 T.L. Bushing
12" x 130'	120 hp (90 kw) PTO	NA	NA	NA

NOTE: Use of the recommended motor sheave will provide a conveyor speed of approximately 400 feet per minute.

HYDRAULIC SYSTEM REQUIREMENTS

for LIFT SYSTEM

This conveyor uses two, 2-stage cylinders for lifting. Thus, oil is returning to the tractor reservoir at the same time it is being sent to the cylinders. This minimizes the oil volume needed from the tractor.

However, during the initial lift cycle of the conveyor, it will be necessary to add additional oil to the tractor to replenish the oil used to charge the lines and cylinders. Use the oil type recommended for your tractor's hydraulic system.

The tractor, or hydraulic power source, should have the capability of generating at least 2500 PSI (17237 kPa) pressure to lift the conveyor.

PTO & TRACTOR REQUIREMENTS

This conveyor's PTO was designed for use with a tractor capable of operating at **1000 RPM's**.

The PTO driveline furnished with the conveyor is equipped with a "Spring-Lok" coupler at the tractor end. This type coupler is spring loaded and will fit the standard 1-3/8" x 21 splined 1000 RPM PTO shaft from a tractor.



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