



GRAINMAXX LCX⁴ Swing conveyor

10" tube
15" belt
Up to 9,000 BPH
68' | 78' | 88' | 98' | 108'
lengths

The Grainmaxx LCX⁴ is the first mechanically-driven-swing conveyor in the world. Powered off the PTO, the swing delivers full capacity without the need of high hydraulic flow from a large tractor. This gives farmers the ability to move 9,000 BPH with just a small yard tractor.

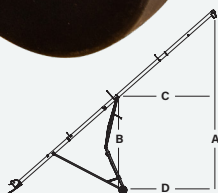
Overhauled from top to bottom with reinforced frame, stronger trussing, and a new hopper with improved sealing, the LCX⁴ is designed to give unmatched capacity while keeping small grains contained.



Feature	Benefit
Mechanical swing	The PTO-driven mechanical swing runs at high capacity using a smaller tractor without the need of constant hydraulic flow.
New conveyor lengths	Reach taller bins to keep up with today's demand.
New hopper design & seals	» The bigger hopper gives grain more time to take up speed, unloading trucks faster with smoother, consistent flow. » Smaller seals exposes more moving belt, increasing capacity while keeping a tight seal.
Overhauled scissor frame	Reinforced scissor frame built to handle tough conditions and the increased capacity.
Reinforced trussing	Run longer conveyors with confidence and long-term durability.
Direct X TM Belt with Edge Seal	Ensures a tight seal between the flashing and the belt without impeding grain flow.
All farm commodity system	Belt brush, three belt scrapers and the turbo clean wash systems mean quick clean out between commodities.
Updated spout	Control flow better and reduce leaks across all commodities.
Updated S-Drive	Simplify maintenance with a drive built for higher capacity.
Colour-coded hydraulic lines	Hook up quickly and correctly every time.
Hydraulic flow splitter	Operate with only two tractor remotes for simpler setup.
Hydraulic hitch	Adjust the height of the main hopper giving better ground clearance in transport and better clearance and capacity of the swing during operations.
Swing lift arm	Lifts the swing clear and tucks it in tight for transport—no winches or cable maintenance.
New swing boot	Added inspection windows to easily monitor grain flow and prevent plugging.
New swing hopper with advanced sealing	Delivers a tight seal across all commodities for cleaner, more efficient handling.
Low-profile steel swing hopper	Fits under trailers, won't collapse under load, and stands up to tough use.
Electric power swing	Comes standard with wireless remote.



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LCX ⁴	1568 Swing	1578 Swing	1588 Swing	1598 Swing	15108 Swing
Capacity	Up to 9,000 bph				
Tube gauge	12 ga				
Belt type	15" wide Direct-X				
Belt length	142' 2"	162' 2"	182' 2"	202' 2"	222' 2"
Drive roller diameter	7-¼" (18.4 cm)				
Drive roller bearing	1-½" (3.8 cm) ball bearing				
Spout and hopper bearings	1-½" (3.8 cm) ball bearing				
Tube trussing	¾" galvanized steel aircraft cable			2-½ OD x 11 ga tube steel truss	
Hydraulic lift	One 4"x 30" (10.2 cm x 76.2 cm) cylinder	Two 4"x 36" (10.2 cm x 91.4 cm) cylinders		Two 4"x 48" (10.2 cm x 121.9 cm) cylinders	
Undercarriage	6" (15.2 cm) x 2" (5.1 cm) trussed scissor lift				
Axle	3" (7.62 cm) x 3" (7.62 cm) tubing	3 ½" (8.9 cm) x 3 ½" (8.9 cm) tubing			
Hub	6-bolt agricultural type				
Tires	6-bolt ST205/ 75R15 6PL	6-bolt ST235/ 85R16 6PL			
Main PTO shafts	35E CAT 4 50 DEG. E CV drive shaft 1 ⅜" 6 spline				
Swing drive chain	Hardened tooth sprocket with HD #80 chain				
Parking jack	5000 lbs (2,268 kg) side wind				
Low profile hopper dimensions	60" (152.4 cm) length x 36" (91.4 cm) width x 15" (38.1 cm) height				
PSI required to raise conveyor	1200 psi				
HP required (with dry wheat)	50 hp	55 hp		60 hp	
Transport height (18" hitch)	10'10"	12'4"	12'6"	12'6"	13'6"
Transport width	11'2"	12'4"			
Axle extension length	None	17" each (34" total)			
Conveyor weight	5,200 lbs	7,000 lbs	7,200 lbs	8,200 lbs	8,800 lbs

LCX ⁴	A			B			C			D		
	Height lowered	Height @ 20°	Height raised	Height lowered	Height @ 20°	Height raised	Reach lowered	Reach @ 20°	Reach raised	Reach lowered	Reach @ 20°	Reach raised
1568	8'3"	23'4"	33'6"	6'10"	15'7"	21'6"	28'8"	27'7"	26'0"	29'1"	28'0"	26'4"
1578	9'2"	26'9"	37'8"	6'7"	15'7"	21'2"	38'5"	36'10"	34'10"	36'10"	35'1"	32'10"
1588	9'11"	30'2"	42'5"	6'5"	15'7"	21'2"	48'5"	46'3"	43'7"	46'9"	44'6"	41'8"
1598	9'8"	33'7"	48'8"	6'10"	19'0"	26'9"	48'5"	46'3"	43'3"	46'9"	44'4"	41'0"
15108	10'9"	37'0"	53'5"	6'10"	19'0"	26'9"	58'4"	55'8"	52'1"	56'9"	53'9"	49'10"