

# Lincoln Paving Products

## 880 AXL Windrow Elevator



The Lincoln windrow elevator will provide a continuous flow of material to the paver resulting in increased production and improved material handling, continuous paver operation without stopping for truck exchanges, and reduced trucking costs. Continuous operation improves ride quality by eliminating stops and starts and problems associated with truck exchanges.

The unique remixing auger re-blends asphalt materials just before they are delivered to the paver hopper eliminating segregation and ensuring a uniform mix temperature.

### Standard Features

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Proven reliable design

Hydrostatic drive system

72" wide - high capacity slat conveyor

Remixing auger to re-blend asphalt materials to eliminate segregation

74" discharge height for full hopper load

High speed raise and lower to clear obstructions and speed setup

Rear wheel width allows loading on trailer

## Options

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Hydraulic Telescope Hookup  
Hydraulic Plow  
Swing-out Hydraulic Heat Exchanger (EZ Clean)  
Wireless Remote  
Material Modifier (patented)

## Specifications

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### Lincoln 880 AXL

#### **ENGINE**

Cummings  
QSB - 6.7 6-cylinder Tier 3 diesel engine\*  
EPA Certified  
185HP @ 2400rpm  
80 gallon fuel tank

#### **ELEVATING CONVEYOR**

Conveyor start up warning alarm  
72" wide throat  
6'-2" discharge height  
Heavy duty roller flight chain  
Heat treated flight wear edges  
Replaceable two-segment drive chain sprockets  
Replaceable hardened floor liner  
High carbon alloy cutting edges (adjustable)  
Heavy duty head and tail shafts with heavy duty bearings  
Reversible elevator to clear obstructions

#### **PAVER ATTACHING ADAPTOR**

Adjustable up to 24" to position dump point  
Adapter fits most pavers

## **SUSPENSION**

Four wheels have heavy duty caster assemblies  
Rear caster pin for towing  
Two 8.25 x 15 - 18 ply pneumatic rear tires  
Two 6.90 x 9 Solid Rubber front tires  
Swing up towing frame with pintle ring

## **CONTROLS**

Engine Instrumentation (Ground Level)  
Auger on Reverse (left-side)  
Auger trough hydraulic lift (easy clean out) (left-side)  
Control panels on both sides of the machine include:

- Emergency Stop
- Engine increase/decrease
- Pump increase/decrease
- Cylinders up/down

## **HYDRAULIC DRIVE SYSTEM**

Variable displacement pump is directly connected to the engine and drives two fixed displacement hydraulic motors with planetary gear boxes directly connected to conveyor head shaft. Auxiliary mounted gear pump drive lift cylinders and optional features  
55 gallon reservoir with large capacity heat exchanger

## **HYDRAULIC LIFT SYSTEM**

High speed raise & lower to clear obstructions  
10" clearance in up position  
Left and right height locking screws (manual)

## **DIMENSIONS**

Length (with wings folded in) 13' - 0"  
Height 10' - 6"  
Travel Width 9' - 6"  
Rear tires width outside/outside of tread in loading position 8' - 0"  
Front tires stationary width outside to outside of tread 9' - 7"  
Operating Width 11' - 0"  
Weight 18,000 lbs.  
\*subject to change