

**770 XL** WINDROW ELEVATOR

770 AXL Windrow Elevator

US Patent 7,785,033 B2

US Patent 6,481,922 B2

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* Cummins Tier 4(i) 6 Cylinder 173 hp Diesel Engine
* Manual Telescope Hookup
* Manual Tow Bar and Side Rack Adjusting Screws
* 80 gal. Fuel Tank – 55 gal. Hydraulic Oil Reservoir
* Bolt on Hydraulic Heat Exchanger (stationary)
* Proven Reliable Design
* Hydrostatic drive system
* 60” wide – high capacity slat conveyor
* 94” discharge height for full hopper load
* High speed raise and lower
* Rear wheel width designed for trailer loading
* Hydraulic telescoping paver attachment eases hookup

STANDARD FEATURES and BENEFITS

The Lincoln Windrow Elevator with our patented remixing auger provides a continuous flow of material that reblends asphalt just before entering the hopper eliminating segregation and ensuring a uniform mix temperature. Our unique product increases production and improves material handling reducing costs.

Windrow Elevator

Sales & Technology

PATENTED APPROACH

Made in the USA



Lincoln 770 XL

**SPECIFICATIONS**

*770 XL Windrow Elevator*

**ENGINE**

Cummins – Tier 4(i) 6 Cylinder Diesel Engine \*

Manual Telescope Hook Up

173 hp @ 2400 RPM

80-gallon fuel tank / 55 gal Hydraulic Oil Reservoir

Manual Tow Bar and Side rack Adjusting Screws

Bolt on Hydraulic Heat Exchanger (stationary)

**ELEVATING CONVEYOR**

Conveyor start up warning alarm

60” wide throat

74” discharge height

Heavy duty roller flight chain

Heat treated flight wear edges

Replaceable hardened floor liner

Replaceable two-segment drive chain sprockets

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” with hydraulic cylinder to position dump point

Adapter fits most pavers

**SUSPENSION**

Four wheels have heavy duty caster assemblies

Two 8.25 x 15-18 ply pneumatic rear tires

Two 16.25 x 11.25 x 8 solid rubber front tires

Swing up towing frame with pintle ring

Rear casters pin for towing

**CRAFTSMANSHIP IN PAVING**

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**CONTROLS**

Engine instrumentation (ground level)

Hydraulic telescoping paver attachment (left-side)

Control panels on both sides of the machine include:

 Conveyor start up warning alarm

 Emergency Stop

 Engine increase/decrease

 Pump increase/decrease

 Cylinders up/down

**HYDRAULIC DRIVE SYSTEM**

Variable displacement pump is directly connected to the engines and drives two fixed displacement hydraulic motors with planetary gear boxes directly connected to conveyor head shaft.

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) 17’-10”

Height 11’ – 8”

Travel width 8’ – 6”

Rear Tire width outside of tread 7’ – 4”

Front tire width outside tread 8’ – 6”‘

Operating width 10’ – 0”

Weight 16,900 lbs.

\***Tier 4 Final Engine** available as an option effective January 1, 2017