

E-Series

Windrow Elevators



	E550B	E650B
Engine	Cat® C4.4 Tier IVi	Cat® C4.4 Tier IVi
Power	115 HP (85 kW)	115 HP (85 kW)
Weight	17,800 lb (8074 kg)	20,300 lb (9200 kg)
Conveyor Throat Width	121" (3073 mm)	118" (2997 mm)
Discharge Height	84" (2134 mm)	84" (2134 mm)

Weiler Windrow Elevators

The road to success starts with the right windrow elevator.

When there is a long road to pave, and you need to get the job done quickly, turn to the Weiler E650B and E550B windrow elevators.

The latest generation windrow elevators from Weiler feature a Cat C4.4 electronic diesel engine with ACERT™ Technology which meets U.S. EPA Tier IV interim emissions standards.

With a proven high-slat entry position and operator accessible chain speed and direction control, these rugged, feature-packed units help lead the way to high-production paving.

The road to success starts with the right windrow elevator, and the Weiler E-Series windrow elevators are designed to handle the toughest conditions while exceeding expectations.

RELIABLE, DURABLE ENGINE

The Cat C4.4 Tier IVi engine with ACERT™ Technology produces 115 HP (85 kW) of clean, quiet power. Horsepower increases to 137 HP (102 kW) with the addition of the optional remix chamber.

HIGH-TORQUE, DIRECT DRIVE MOTOR ELIMINATES GEARBOX

The discharge conveyor is powered by a high-torque, direct-drive motor which eliminates a gearbox and is kept cool by a loop flush return system.

HIGH-SLAT ENTRY TACKLES TALL WINDROWS

The high-slat entry enables the machine to tackle tall windrows laid by belly dump trucks on high-production or wide-width jobs.



Optional remix chamber provides a consistent mix of material to the paver. Chamber hydraulically moves into position and includes an increase to 137 HP (102 kW)



The standard sliding hitch (left) allows for tool-less, easy paver hook-up. The optional hydraulic push pin frame (right) is available on both the E550B and E650B.



E550B

Windrow Elevator

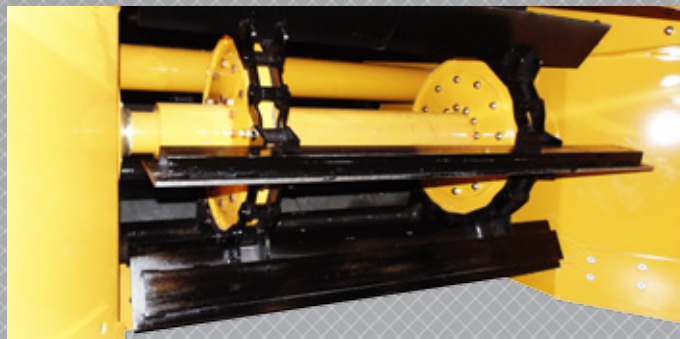
POWERTRAIN

- Cat C4.4 electronic diesel engine with ACERT™ Technology produces 115 HP (85 kW) or 137 HP (102 kW) with the optional remix chamber
- Meets U.S. EPA Tier IVi emissions standards
- Reliable, quiet and durable power
- Conveyor powered by high-torque, direct-drive motor which eliminates a gearbox and is kept cool by a loop flush return system



MATERIAL DELIVERY

- High-slat entry tackles tall windrows
- 121" wide throat delivers high production
- Hydraulic cylinder for each front wheel ensures a secure bond between mat and tack coat
- 60" wide conveyor with 1,400 ton-per-hour capacity



CONTROLS

- Electronic controller provides machine conditions, diagnostics and calibrations
- Easy-access chain speed and direction control
- Manual hydraulic valves keep the system simple and allow the operator to control the height of each side independently



SERVICEABILITY

- Face-sealed hoses and fittings provide increased reliability and serviceability
- Two large access doors and platforms allow easy access to the engine compartment
- Sold and serviced exclusively at Cat Dealers around the world



OPTIONAL EQUIPMENT

- Hydraulic Pin Push Frame
- Remixing Discharge Hopper
- Ni-Hard Floor Plates
- Wash Down System w/ Hose Reel
- Opposite Side Hydraulics Controls



Dimensions & Specs	E550B
Weight	17,800 lb (8074 kg)
Height	124" (3150 mm)
Length	205" (5207 mm)
Length w/ Raised Towing Frame	163" (4140 mm)
Width w/ Wings In	102" (2591 mm)
Width w/ Wings Out	125" (3175 mm)
Engine	Cat C4.4 Tier 4i
Horsepower	115 hp (85kw)
Conveyor Throat Width	121" (3073 mm)

Conveyor Slat Width	58" (1473 mm)
Conveyor Slat Depth	7" (179 mm)
Discharge Height	84" (2134 mm)
Front Wheel Cylinder Lift	8" (203 mm)
Front Tire Size	16" x 7" (406mm x 178mm)
Rear Tire Size	8.25 x R15
Fuel Tank Capacity	50 gal (189 L)
Hydraulic Tank Capacity	40 gal (151 L)

E650B

Windrow Elevator

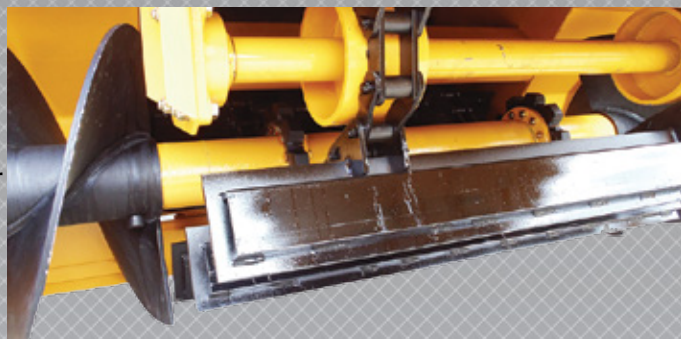
POWERTRAIN

- Cat C4.4 electronic diesel engine with ACERT™ Technology produces 115 HP (85 kW) or 137 HP (102 kW) with the optional remix chamber
- Meets U.S. EPA Tier IVi emissions standards
- Reliable, quiet and durable power
- Conveyor powered by high-torque, direct-drive motor which eliminates a gearbox and is kept cool by a loop flush return system



MATERIAL DELIVERY

- High-slat entry tackles tall windrows
- 118" wide throat, with 29" augers, delivers high production
- Three-point suspension consisting of hydraulic cylinder for each front wheel and interconnected cylinders for the rear wheels ensure a secure bond between mat and tack coat
- 60" wide conveyor with 1,400 ton-per-hour capacity



CONTROLS

- Electronic controller provides machine conditions, diagnostics and calibrations
- Easy-access chain speed and direction control
- Operating controls located on both sides of the machine protect the operator by offering a choice to work on either side of the machine
- Variable hydraulic drive system allows speed of the conveyor to match material and production requirements



ADJUSTABLE SCRAPERS

- Three independent, adjustable scrapers allow the flexibility to clean the surface of the road for the elevator and paver
- Scrapers are located at the rear of the material-feed housing and extend the width of the machine
- Attached with shear pins that protect them from damage by obstructions in the surface being paved



Dimensions & Specs	E650B
Weight	20,300 lb (9200 kg)
Height	124" (3150 mm)
Length	230" (5842 mm)
Length w/ Raised Towing Frame	188" (4775 mm)
Width w/ Wings In	122" (3099 mm)
Width w/ Wings Out	184" (4674 mm)
Engine	Cat C4.4 Tier 4i
Horsepower	115 hp (85kw)
Conveyor Throat Width	118" (2997 mm)
Conveyor Slat Width	58" (1473 mm)
Conveyor Slat Depth	7" (179 mm)
Combining Auger Diameter	29" (737 mm)
Discharge Height	84" (2134 mm)
Front Wheel Cylinder Lift	8" (203 mm)
Rear Wheel Cylinder Lift	8" (203 mm)
Front Tire Size	22" x 7" (559mm x 178mm)
Rear Tire Size	8.25 x R15
Front Wheel Width Range	96" - 170" (2438mm - 4318 mm)
Fuel Tank Capacity	80 gal (303 L)
Hydraulic Tank Capacity	40 gal (151 L)



OPTIONAL EQUIPMENT

- Hydraulic Pin Push Frame
- Remixing Discharge Hopper
- Ni-Hard Floor Plates
- Wash Down System w/ Hose Reel

SERVICEABILITY

- Greaseless, phenolic pads eliminate the time-consuming and messy job of greasing slider pads
- Electrohydraulic valves and face-sealed hoses and fittings provide increased reliability and serviceability
- Two large access doors and platforms allow easy access to the engine compartment
- Sold and serviced exclusively at Cat Dealers around the world



Customer Support Second to None

Value-added services that can boost your bottom line.

Your paving operation demands more than just quality products.

You can count on us, as your Cat Dealer, to provide Weiler expertise and a full range of support services that add value and contribute to your success in many ways including:

- Product and application assistance from certified paving specialists
- Training that elevates your operators to higher levels of proficiency
- Availability of off-the-shelf OE parts that meet precise specifications
- Off-season maintenance and rebuild programs to assure continued reliability and productivity
- S-O-SSM Services that help you avoid unplanned repairs and costly downtime by monitoring all key fluids
- Financing options that are matched to your operating needs and help you maximize the return on your investment



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**SIMPLE OPERATION. PROVEN PERFORMANCE.
POWERFUL RESULTS.**