

E650C WINDROW ELEVATOR



BUILT FOR HIGH PRODUCTION.

High-slat entry tackles tall windrows with 118" (2997 mm) wide conveyor throat and 600 tph (544 mtph) capacity. 3-point suspension and adjustable scrapers ensure a clean path for the elevator and paver.



RELIABLE POWER.

The Cat® C4.4 Tier 4 engine with 137 HP (102 kW) produces clean, quiet power. The elevator is powered by a high-torque, direct-drive motor which eliminates a gearbox and is kept cool by a loop flush return system.



SIMPLE CONTROLS.

Operating controls are located on both sides of the machine with easy-to-access chain speed and direction control. Variable hydraulic drive system allows the speed of the elevator to match material and production requirements.



REMIXING DISCHARGE HOPPER.

The optional remixing discharge hopper provides consistent material mix to the paver with independent doors to control material flow and hydraulically moves into and out of position.



TRANSPORT AXLE.

The optional transport axle simplifies transportation of the E650C or E550C windrow elevator at highway speeds. The axle quickly pins on and off the elevator and includes a hydraulic tongue for convenient hook-up to the tow vehicle.



FAST SERVICE.

Two large doors and platforms allow easy access to the engine compartment. Electronic controller provides machine conditions, diagnostics and calibrations. Caterpillar dealer service, support and inventoried parts help keep the machine up and running.

E650C SPECIFICATIONS

WEIGHT	21,700 lb	9843 kg	ENGINE	Cat® C4.4 Tier 4	DISCHARGE HEIGHT	84"	2134 mm	
HEIGHT	124"	3150 mm	HORSEPOWER	137 hp	102 kW	FRONT WHEEL CYL. LIFT	8"	203 mm
LENGTH	230"	5842 mm	THROAT WIDTH	118"	2997 mm	FRONT TIRE SIZE	22" (559 mm) x 7" (178 mm)	
LENGTH (RAISED TOW)	188"	4775 mm	ELEVATOR SLAT WIDTH	58"	1473 mm	REAR TIRE SIZE	235/75/17.5	
WIDTH (WINGS IN)	122"	3099 mm	ELEVATOR SLAT DEPTH	7"	178 mm	FUEL CAPACITY	80 gal	303 L
WIDTH (WINGS OUT)	184"	4674 mm	AUGER DIAMETER	29"	737 mm	HYDRAULIC CAPACITY	40 gal	151 L

POWERTRAIN

Cat® C4.4 Tier 4 engine
137 hp (102 kW)
High-torque, direct drive motor powers elevator

OPERATING ENVIRONMENT

Dual side operating controls
Adjustable speed chain control with reverse
Variable speed drive system

MATERIAL DELIVERY

600 tph (544 mtph) capacity
3-point suspension system
118" (2997 mm) elevator throat width
29" (737 mm) converging augers
84" (2134 mm) discharge height
58" (1473 mm) wide by 7" (178 mm) deep elevator slats
8" (203 mm) front wheel cylinder lift
Three independent adjustable scrapers

PAVER HOOKUP

Toolless sliding hitch
Swing-up towing frame
Hydraulic pin push frame option

OPTIONAL REMIXING DISCHARGE HOPPER

Provides consistent mix of material to paver
Hydraulically moves into and out of position

SALES AND SERVICE

Sold and serviced exclusively through Caterpillar dealers worldwide.

OPTIONAL TRANSPORT AXLE

Heavy-duty 22,500 lb (10 205 kg) axle
Tow elevator at highway speeds
Hydraulic lift cylinders
Hydraulic towing frame
Quickly pins on/off elevator

SERVICE/MAINTENANCE

Hinged engine doors accessible from large platforms
Greaseless, phenolic pads
Electronic controller provides machine diagnostics and calibrations
Face-sealed hoses and fittings
Braided electrical harnesses and sealed connections
Color-coded and numbered electrical wires

OPTIONAL EQUIPMENT

Transport axle
Hydraulic tongue
Hydraulic pin push frame
Remixing discharge hopper
Chromium carbide floor plates
Spray down for chains and sprockets
LED lights

WARRANTY

12 months standard. Extended warranty available.