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## E-Series Backhoe Loaders E, but not as you know it



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HECB4342

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# E-SERIES BACKHOE LOADERS

## E, but not as you know it – Let’s talk

Looks can be deceiving. Next time you see a Caterpillar E-Series Backhoe Loader, you might have to look again. It’s still the E: a versatile machine with a low cost of ownership, but not as you knew it. Though the changes may not be obvious at first glance, Caterpillar has implemented numerous customer-driven improvements. They make the new E-Series even more productive, more durable, more comfortable and easier to service.

### Eye-catchers on the new E-Series

#### Extendable Stick

All E-Series Backhoe Loaders are available with an extendable stick that increases reach and dig depth capability. The **sliding inner section** design improves stability and keeps the wear pads out of the dirt, extending adjustment and replacement intervals. The auxiliary lines that connect to the hydraulic work tools have been re-routed so that they are **protected from damage**, even when working in narrow trenches.

#### Cab Comfort

We have maintained a **comfortable and spacious work environment** that you would expect from Caterpillar. The ventilation system provides plenty of demisting, defrosting and heating capability. Also available is a high performance air conditioning system enabling the operator to work comfortably in high ambient temperatures. The addition of a single piece heat reflective roof cap assists in reducing overall cab temperature. An easy-to-open single rear piece window provides the operator

with **excellent ventilation and superb visibility**. The rear wiper easily cleans a large area of the rear screen to ensure excellent visibility of the working area in wet or dusty conditions. Based on operator input, the new instrument cluster is less reflective and has improved back lighting enabling the operator to see in varying light conditions.

#### Improved Wear Pads

Easy to adjust and replace, the improved wear pad systems reduce down time to maximise productivity. Located on the E-stick, stabiliser legs and swing casting, they are easily accessible and take minutes to adjust.

#### More Choice

In addition to pilot controls, **the 434E equal size tyre machine is now available with mechanical hydraulic controls**, allowing operators to choose their preferred operating mode.

### Features you can continue to count on

#### Performance and Versatility

- Caterpillar Backhoe loaders are amongst the most powerful in the business.
- A wide choice of work tools, controls and quick coupler options to suit your every need.

#### Comfort and Ease of Operation

- Designed with the operator in mind, the various cab options keep the operator comfortable in even the most demanding applications.
- Curved glass improves the interior space and visibility.
- The first-class Cat air suspension seat reduces fatigue.
- E-Series offers various hydraulic control patterns to suit operator preferences.

#### Low Owning & Operating Costs

- The load-sensing hydraulics improves fuel consumption.
- Sealed for life front axle oscillation and drive shaft joints reduce down time.
- Easily accessible filters, greasing and fill points lessen maintenance time.

#### Unrivalled Customer Support

- Caterpillar has a well-established worldwide network of dealers who assure reliable supply of parts and services.
- Your dealer can help you with your machine investment decision to meet your financial needs and keep your costs to a minimum.
- Caterpillar dealers offer a comprehensive range of customer service agreements that can be tailored to suit your servicing requirements.

#### Reliability and Durability

- An automotive standard electro-deposited primer seals each painted metallic component. There is no better protection from damage and corrosion.
- The wiring harness’ rugged design and sealed harness connectors are suited for operation in harsh working conditions.
- The Power train is purpose designed for reliability and longevity whatever the demands in the job environment.

### Specifications

Model		422E	428E	432E	442E	434E	444E
Control type		Mechanical	Mechanical	Pilot	Pilot	Mechanical	Pilot
Steer mode		Two Wheel Steer	Two Wheel Steer	Two Wheel Steer	Two Wheel Steer	All Wheel Steer	All Wheel Steer
SAE Maximum dig depth (standard stick)	m	4.2	4.2	4.4	4.6	4.3	4.3
Loader bucket capacity	m <sup>3</sup>	1.0	1.0	1.0	1.0	1.15	1.3
Loader breakout force	kN	33	55	55	55	56	55
Stick tearout force	kN	35	35	41	46	35	41
Bucket tearout force	kN	63	63	63	63	63	63
Hydraulic oil flow	litre/min	125	125	156	156	125	156



## Let’s talk!

Every model of Caterpillar Backhoe Loader offers its own unique advantages. Your Caterpillar dealer can offer you the best advice on the machine that offers you the best tool for the job at the lowest owning and operating cost. Let’s talk!

Our final argument? Try it! Your Caterpillar dealer will be happy to arrange a demonstration in the new E-Series Backhoe Loader. It’s not as you knew it!

