

New Cat[®] 395 offers premium performance with a longer reach

IRVING, Texas, March 5, 2025—Best-in-class performance is Caterpillar’s description for the Cat[®] 395 Long Reach Excavator (LRE), making easy work of long-distance applications such as dredging, ditch cleaning, and canal and waterway maintenance.

With a maximum digging depth of nearly 22 metres, and up to 28 metres of reach at ground level, Caterpillar says the 395 LRE is firmly in the ‘super long reach’ category, matching its outstanding stick and boom configuration with substantial digging force.

“Available as a kit, which can be retrofitted to any 395 model, the 395 LRE option provides operators with a boost to the capabilities and reach of a ‘standard’ 395, bringing its power, speed and fuel efficiency to bear on a whole new range of excavation applications,” says Vincent Migeotte, Caterpillar senior product and sales consultant.

“Fully integrated with the standard machine, the 395 LRE kit creates a highly specialised machine that takes in its stride all the challenges of working at distance.”

The aftermarket kit comprises an 11.8 m stick, a 15.5 m boom, and a CV linkage adapted for the new stick and boom. Boom cylinders form part of the kit, and the specially designed bucket offers capacity for up to 2m³ of material, depending on density.

Recognising that the super long reach excavator will frequently be used for underwater tasks, the kit also includes fully waterproofed sensor boxes to allow continued operation of the full range of next generation technologies, such as Cat Payload Management System, Cat 2D Grade control system, and Cat 2D E-fence. The latter keeps the front linkage within a predefined work area, providing greater operator confidence when working at distance and protecting the machine from damage while improving site safety.

“The kit’s been designed to cover every operating requirement,” notes Migeotte, “so another important feature is the ability to equip the machine with high pressure or medium pressure auxiliary lines, with a quick coupler. This allows full use of retrofit hydromechanical work tools, such as a grapple.”

The undercarriage also receives an upgrade. A car body extension of 1.33 m provides a big boost to stability, while overall ground clearance gains another 85 mm. The configuration also adds extra height to the cab

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New Product Introduction

position, adding 24 cm over the standard and endowing the operator with significantly more all-round visibility.

Another nod to stability is in the design of the counterweight. Cleverly, Caterpillar has upped its mass by nearly 40%, but despite the increase to 21.5 mt, it sits within the same dimensions, preserving the machine's tail ratio.

"The kit also underlines Caterpillar's commitment to productive, safe worksites, with additional handrails making for safer access and egress, while as-standard rear and side view cameras can be supplemented by a 360-degree option for maximum visibility."

As well as safety, Migeotte says that the addition of the kit preserves all the characteristics of the standard 395, but with added versatility and performance. "With the Cat 395 LRE, operators benefit from the same low costs of ownership, low fuel consumption and low maintenance, offering the same attractive return on investment that has become synonymous with any Cat machine."

A Century of Innovations

Over the last century, Caterpillar has grown with our customers to help build a better, more sustainable world. To go where you go, you need reliable, dependable equipment. That's why we continue to support our customers with world class machines and work tools that deliver dependability, versatility and efficiency to every fleet. No matter the task at hand, you can work confidently — because your Cat equipment and local Cat dealer are committed to meeting your needs to get the job done. When you choose our products, services and solutions today, you're gaining 100 years of experience and expertise.

For more information about 395 Long Reach Excavator, contact a Cat dealer or visit: www.cat.com

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395 LRE SPECIFICATIONS

Engine	Cat C18
Net Power* – ISO 14396	405 kW (542 hp)
Operating weight – Long Undercarriage with frame extension, LRE Boom, LRE 11.8 m (38'9") stick, Heavy Duty (HD) 1.97 m ³ (2.58 yd ³) bucket, 900 mm (35") double grouser shoes, and 21.6 mt (47,600 lb) counterweight.	113,300 kg (249,700 lb.)
Emissions	Meets U.S. EPA Tier 4 Final, EU Stage V, Japan 2014, Korea Stage V and China Nonroad Stage IV emission standards

**Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 2,200 rpm. Advertised power is tested per the specified standard in effect at the time of manufacture.*

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New Product Introduction

NOTE TO EDITORS

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