

Caterpillar launches next generation Cat[®] Telehandler models

- Caterpillar design boasts customer-inspired standard features and product offerings
- Standard rear-view camera, operator presence seat switch and rear-axle stability safety features
- Extended service intervals include 500-hour greasing, 3,000-hour hydraulic oil and 6,000-hour engine coolant changes

IRVING, Texas, January 7, 2025—Caterpillar Inc. is launching its next generation of Cat[®] Telehandlers. Released for retail and rental customers, the Cat TH0642, TH0842, TH1055 and TH1255 models replace the previous TL642, TL943, TL1055 and TL1255 machines.

“Our goal with the next gen Cat Telehandlers is to deliver a safe, reliable, smooth and comfortable range of machines that are easy to use and maintain,” says Kevin Coleman, senior product consultant for Cat Telehandlers. “We’ve received extremely positive feedback from operators on how stable and easy to control the telehandler feels when they are handling and placing heavy loads at height as well as the smooth ride when navigating uneven terrain.”

These new telehandlers are powered by the 100 hp (74.4 kW) Cat C3.6TA (turbocharged and aftercooled) engine equivalent to U.S. EPA Tier 3 emissions. Not requiring engine aftertreatment technologies, the engine is B20 biofuel compatible and up to 100% hydrotreated vegetable oil (HVO) capable. The fuel system includes a two-filter system with electric fuel priming.

Operator comfort and Safety

The telehandlers offer three operator station options: open canopy, enclosed cab with heat and enclosed cab with heat and air conditioning. The redesigned interior features an ergonomic control layout, standard tilt steering column, and a new full color LCD monitor that provides machine information in a choice of four languages – English, French, Spanish or Portuguese. The monitor also shows the standard rearview camera feed when in reverse and depressing the camera soft key enables continuous viewing of the camera image. Additional standard equipment includes the standard operator presence seat switch to prevent machine operation when the operator is not seated. The optional Load Stability Indication (LSI) system provides visual and audible alerts to the operator regarding forward machine stability while handling a load.

Performance and Security

The pilot-controlled joystick ensures a smooth, predictable multi-function performance and feel of the boom extend/retract and lift/lower functions. Customers now have a choice of coupler interface; the IT or Standard TH. Smaller and lighter weight than the IT style coupler, the new Standard TH quick coupler offering delivers

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improved fork visibility and enhanced load capacity when used with the boom extended. The next generation Cat Telehandlers also feature standard auxiliary hydraulics to support hydraulically powered Cat attachments. To assist with fuel economy and minimizing idle time, Cat Telehandlers are equipped with a configurable engine idle shutdown feature.

The monitor in the Cat Telehandlers features a standard multi-operator code security system, supporting up to 50 operator codes to protect against machine theft and unauthorized use at the jobsite.

Maintenance

The new TH models feature extended service intervals and a patent-pending service tool for quick inspection of chains and boom wear pads. The boom sections, mainframe, stabilizer frame and stabilizer legs are covered by a 5-year, 5,000-hour warranty.

Telematics

Equipped with Product Link™ Elite standard telematics, the system provides critical machine operating information for fleet managers. Remote flash capability allows for software updates without a trip to the dealer's shop, and remote troubleshooting provides real-time diagnostics, along with remote machine parameter and setting changes.

Target availability for these next generation telehandlers is Q2 2025. More information on the new Cat Telehandlers can be found by contacting a Cat dealer or visiting [cat.com](https://www.cat.com).



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Next Generation Telehandlers Spec Guide

Model	TH0642	TH0842	TH1055	TH1255
Engine	Cat® C3.6TA	Cat® C3.6TA	Cat® C3.6TA	Cat® C3.6TA
Gross power ISO 14396, hp (kW)	100 (74.4)	100 (74.4)	100 (74.4)	100 (74.4)
Operating weight, lb (kg)	21,647 (9819)	23,366 (10 599)	29,838 (13 534)	31,238 (14 169)
Maximum lift height, ft (m)	42.1 (12.8)	42.1 (12.8)	54.6 (16.6)	54.6 (16.6)
Maximum forward reach, ft (m)	27.6 (8.4)	27.6 (8.4)	41 (12.5)	41 (12.5)
Travel speed forward, mph (kph)	19 (30)	20 (31)	18 (30)	18 (30)
Travel speed reverse, mph (kph)	14 (22)	14 (22)	13 (22)	13 (22)
Auxiliary hydraulic pressure, psi (bar)	4,061 (280)	4,061 (280)	4,061 (280)	4,061 (280)
Auxiliary hydraulic flow, gpm (lpm)	14.5 (55)	14.5 (55)	14.5 (55)	14.5 (55)

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NOTE TO EDITORS

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