

New Cat[®] MH3295 Material Handler delivers high production in port and large scrapyard applications

- 17.6 m (57.7 ft) reach
- Cat[®] Payload, 2D E-fence and swing assist technologies help deliver optimum production
- Premium Plus cab and fixed cab riser with 360° visibility and floor windows for operator comfort

IRVING, Texas, September 24, 2025—Built to deliver a long reach required for barge loading/unloading and large scrapyard applications, the new Cat[®] [MH3295 Material Handler](#) will feature a dedicated swing pump for smooth, coordinated movement and a wide track undercarriage for optimum stability and performance. Electrohydraulic controls plus advanced Caterpillar technologies help boost productivity on jobs that demand high performance.

“The new MH3295 Material Handler is based on the rugged and reliable [Cat 395 Excavator](#) platform, sharing common service parts, but features a purpose-built design for the demands of large scrapyard and port applications to offer consistent operation,” says Vincent Migeotte, senior global product consultant for Caterpillar. “Plus, standard technologies like Swing Assist, Cat Payload and 2D E-fence help operators to work more efficiently and safely. The new design of the MH3295 is about elevating jobsite performance and delivering long-lasting durability and value.”

High performance

The new material handler features an 17.6 m (57.7 ft) reach plus two counterweight configurations to meet jobsite conditions. Its wide, 4.8 m (15.7 ft) track gauge retracts to a 4.1 m (13.5 ft) width to simplify transport. The wide operating track gauge combines with the undercarriage’s 7.2 m (23.6 ft) track length to deliver smooth, stable operation at extended reach.

Its powerful, 405 kW (543 hp) Cat C18 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards and offers reliable operation up to 3000 m (9,840 ft) above sea level without derating. Operators can match machine performance to the job at hand using three power modes – Power, Smart and Eco – to help save fuel. Giving operators control when needed, an advanced electrohydraulic system helps provide the optimum balance of power and efficiency.

SmartBoom™ technology allows the boom to freely travel up and down without using pump flow, enabling operators to focus on stick and attachment movements. A variety of Cat work tool attachments are available to meet a range of material and density types. Valve priority helps operators direct hydraulic pressure and flow where it is needed.

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Integrated technologies

Boosting operating efficiency, Cat Payload for the new MH3295 assists operators with achieving precise load targets, helping to eliminate overloading of over-the-road trucks and enabling more accurate production tracking. Real-time weight estimates are displayed in-cab when picking up a material load without swinging.

Standard Swing Assist technology automatically stops upper machine rotation at preset points to help operators hit more repetitive swing targets, reduce fuel consumption and improve cycle times. Quickly established, the operator simply swings to a desired stopping point and sets the target using the in-cab monitor or a preset joystick button. When approaching the predefined limit, the machine automatically decelerates and does not allow the stick to travel beyond the set point.

Leveraging data wirelessly, VisionLink™ provides actionable insights for the new MH3295 Material Handler. It allows fleet managers to review equipment data from a desktop or mobile device to help maximize uptime and optimize assets. Dashboards provide machine operating details like hours, location, idle time and fuel utilization, so informed fleet decisions can be made to help lower costs.

Standard remote services technologies help the new material handler operate with maximum uptime and efficiency. Remote Troubleshoot allows the Cat Dealer to diagnose issues remotely without impacting machine performance, so they are resolved quickly with less machine downtime. Updating onboard software without requiring a technician to be present, Remote Flash enables the company to initiate software updates at a time convenient to the production schedule, increasing overall efficiency.

Premium cab

The material handler's fixed cab riser provides 360-degree visibility and includes floor windows to help improve visibility when loading material. The new Premium Plus cab design includes small pillars and large windows, plus rearview, left-side, and right-side-view cameras to enhance safety while operating. The rear cab door entry design features enclosed stairways and integrated lights to safely access the cab. Wide walkways provide quick, easy and safe access to upper service platform maintenance areas.

Inside the cab, a wide seat adjusts to accommodate operators of all sizes, while easy-to-reach controls are positioned in front of the operator for comfortable machine control. Accommodating operators of all skill levels, the easy-to-use high-resolution, 254-mm (10-inch) touchscreen monitor presents the jobsite dashboard in an intuitive format. Productivity applications are displayed on the monitor in grid view to easily read on the go, and touchscreen functionality is programmed to ensure continued job performance without any interruptions.

Standard cab avoidance assists with evading contact between the work tool attachment and cab, enhancing safety while operating and improving machine longevity. Automatic climate control provides comfortable operating temperatures throughout the shift, and storage compartments are located beneath and behind the

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seat, plus overhead and in the consoles to stow plenty of gear. Operators can connect personal devices using the standard radio's USB ports and Bluetooth® technology.

More information on the new Cat MH3295 Material Handler can be found by contacting a Cat dealer or visiting cat.com.

MH3295 MATERIAL HANDLER SPECIFICATIONS

Engine	Cat C18
Engine power – ISO 14396, kW (hp)	405 (543)
Short Boom operating weight, kg (lb.)	100 700 (222,100)
Max. speed, km/h (mph)	4.5 (2.8)
Max. stick pin height, mm (ft)	18 040 (59.2)
Max. stick pin reach, mm (ft)	17 590 (57.7)
Max. stick pin depth, mm (ft)	7060 (23.2)

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NOTE TO EDITORS

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