

CONEXPO LAUNCH FOR NORTH AMERICA'S HIGHEST REACH TELEHANDLER

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JCB - the world's leading producer of telescopic handlers - launches for the first time today a new machine for North America which can lift to heights never achieved before in the market by a rigid framed product.

The wraps are coming off the 540-200, which has an all-new five-section telescopic boom, at Conexpo, offering customers a 66' lift height, making the Loadall the highest reaching in JCB's range.

The 540-200 comes with a Tier 4 Interim driveline and is powered by JCB's highly efficient Ecomax diesel engine, delivering 109hp (81kW), up from the previous machine's 100hp (74.5kW). Of more significance than the power output, the JCB Ecomax engine produces a strong 377lb ft (512Nm) of torque, up from 324lb ft (440Nm) with the previous Dieselmix motor. This allows the operator to work more efficiently at lower engine revs, reducing noise and cutting fuel consumption. Equally importantly, the Ecomax engine has been designed to achieve Tier 4i emissions standards without the use of a costly, bulky diesel particulate filter (DPF) or any other form of aftertreatment. This allows JCB's loadalls to maintain a low engine cover for maximum visibility on site, while cutting maintenance costs for customers.

The machine comes with JCB axles and transmission, providing total component integration for maximum efficiency.

Maximum Capacity

The 540-200's five-section telescopic boom has been specifically designed with construction use in mind, using lighter, stronger materials to achieve maximum lift capacities within the operating envelope.

The five-section boom minimizes the overall length of the machine, with the same wheelbase as JCB's smaller 55'9" machine, allowing excellent maneuverability in confined sites. The boom is powered by a single internally-mounted extension ram and chains that ensure all five sections are extended proportionally. The design of the chain and roller system with a pre-lubricated chain results in long service intervals and minimal downtime.

A single joystick lever provides total proportional control of all boom functions and the machine is supplied as standard with an auxiliary hydraulic service with a drain to tank for powered attachments. With a maximum lift capacity of 8,800lb, the 540-200 delivers a 5,000lb capacity at 57' and 3,000lb capacity at full height.,

making it a highly productive lift and place machine.

Operator Comfort

The loadall has a spacious cab with the instruments offset to one side, providing excellent forward visibility. The cleverly angled roof bars provide excellent upward visibility through the large roof window, which is crucial for fast placing of loads at height. The machine is fitted with a cab-mounted servo controlled joystick, providing effortless, precise and responsive control of all the hydraulic services, an ideal combination for high productivity applications that require continuous, fatigue-free operation. The 540-200 is equipped with a seven-speed cab cooling fan, ensuring a comfortable working environment in the warmest site conditions.

Source: wyynot GmbH; JCB