

Komatsu PC290LC/NLC-8 High Reach Demolition crawler excavator

Munich, January 2009– With the PC290LC/NLC-8 High Reach Demolition (HRD) excavator Komatsu announces the latest addition to its highly successful demolition range, bringing the benefits of the Dash 8 range into the specialised demolition industry. The PC290LC/NLC-8 HRD, which will on display at Bauma 2010, is ideally suited for demolition of two to four storey structures, particularly in restricted areas. The relatively light weight of the machine means that it can be easily transported and work in areas where larger 60-70 tonnes machines with normal boom configurations cannot. This new addition to Komatsu's high reach demolition machine range gives a maximum height of 18.3m and a tool carrying capability of 3000kg.

Like all Dash 8 machines, the PC290LC/NLC-8 HRD is fitted with Komtrax, Komatsu's Satellite Monitoring System. Machine data is easily accessible over the internet and allows owners or fleet managers to view the machines' location, performance and service requirements. Komtrax can even help secure equipment, and will email the owner or fleet manager when a machine shows a caution alert or if it is activated outside an engine lock period.

Designed to offer total safety for both the operator and people around the machine, the PC290LC/NLC-8 HRD features Komatsu's unique roll-over cab, specifically developed for hydraulic excavators. The ISO10262 Level 2 FOPS guard system includes a side hinged front guard, allowing the operator easy access for periodic windscreen cleaning. The machine is fitted with a laminated front windscreen increasing the already high standard of operator protection from falling objects. As standard, the cab is fitted with a roof wiper and can tilt from 0-30 degrees to allow the operator a comfortable and easy view of the work tool.

With its standard heated air suspension seat, the cab also provides a very comfortable and quiet working environment. The exceptionally low noise at the operator's ear helps him to work longer and more productively. Standard on the PC290LC/NLC-8 HRD is the largest full colour monitor panel on the market. This ergonomic finger tip controlled operating panel allows easy access to work modes, cab-climate control and a full colour image from the rear mounted camera.

The machine is fitted with a two section boom. The Komatsu-developed and tested boom change system allows the machine to be reconfigured from High Reach to dig configuration with the option to have a 2.6m or 3.2m arm. Two additional attachment circuits, controlled by sliding proportional joystick buttons, are fitted as standard; and include attachment rotate motor drain lines. The PC290LC/NLC-8 HRD features demolition specification undercovers and side guards. There is also an attachment cylinder guard fitted as standard to ensure maximum protection against damage from falling debris.

The operator can choose between 5 Working Modes to optimise performance and fuel usage when using the machine for digging. The Eco gauge on the right side of the monitor panel lets one see at a glance just how hard the machine is working. In Economy Mode, and with Komtrax activated, fuel usage can be easily monitored for maximum fuel efficiency and minimum nitrogen oxide (NOx) emissions.

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The Komatsu ECOT3 engine meets the requirements of EPA Tier 3 and EU Stage 3A. The PC290LC/NLC-8 HRD has the Komatsu HydraMind system fitted as standard, for exceptionally smooth and precise combined operations.

Specifications

Net power	140kW / 188 HP
Operating weight	40500kg (including 3000kg tool)
Max. bucket capacity	2.02 m ³
Max tool capacity	3000kg

Information in the news releases is current on the date of the announcement and is subject to change without notice



Contact:

Kevin Broman
Komatsu Europe International N.V.
+32 2 255 24 58

kevin.broman@komatsu.eu

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