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Komatsu introduces the PC2000-11 hydraulic excavator

Designed to load rigid frame haul trucks faster

Vilvoode, April 2021 — Komatsu Europe announces the introduction of its new PC2000-11 hydraulic excavator. Equipped with a EU Stage V certified engine, the PC2000-11 has more horsepower and a new engine-pump control, for faster cycle times and improved multifunction performance. The PC2000-11 harnesses almost 100 years of Komatsu quarry and mining knowhow to deliver ultimate safety levels, supreme productivity, and unrivalled durability.

Tipping the scales at 202 tonnes, this super-heavyweight boasts new engine-pump control logic that optimises hydraulic flow to deliver even faster cycle times than the legendary PC2000-8.

The PC2000-11 is ideal to load 60 to 150 tonnes rigid frame haul trucks and is an excellent tool for stripping overburden, loading coal, and loading shot rock. It has a simplified power module (cooling package, engine, PTO, and hydraulic pumps) that provides excellent accessibility to major components, low noise levels in the cab, and reduces labor hours when it comes time for planned overhaul.

Gregory Peeters, Komatsu Europe Product Manager says: “Engage the new “Power Plus” work mode and productivity levels are off the scale. To cope with this extraordinary power, the frames, boom, arm, and undercarriage are all strengthened to ensure maximum uptime in even the most extreme applications.”

Komatsu engineers never lost sight of the drivers’ needs: the PC2000-11 benefits from a huge all-new mining-class ergonomic cabin that offers a safe, comfortable, connected driving experience that blurs the lines between operator and machine.

Safety is Komatsu's number one priority: the PC2000-11 has a hydraulically activated access/egress ladder, external emergency shutdown switches, and Komatsu neutral detect - all as standard. KomVision, Komatsu's all-around machine monitoring system also comes standard. To increase operator awareness of haul trucks and light vehicles entering and leaving the working area, the 7-camera system provides a full 360-degree bird's-eye view of the working area on a dedicated 10.4" touch screen monitor.

Proven Komatsu aftertreatment systems allow the PC2000-11 to meet stringent EU Stage V emissions regulations without the need for Adblue®. Throw-in Komtrax Step5, Komtrax Plus and the unique Komatsu Care support package, and the PC2000-11 offers truly unbeatable customer value.

Productivity and Multifunction Performance

The PC2000-11 offers improved multifunction performance, and a productivity increase of up to 12%, and can therefore load more trucks per shift. The redesigned hydraulic system monitors work equipment loads and optimizes hydraulic flow based on operating conditions. The PC2000-11 is equipped with selectable working modes to tailor machine performance to application requirements, including the all new "Power Plus" mode. Increased engine power and new engine pump control logic give the PC2000-11 faster cycle times.

Durability

Customers can expect extended component life on the PC2000-11 thanks to thicker, stronger boom plates and castings; strengthened track and center frames; larger diameter carrier rollers and improved hydraulic cylinder seals. The new seals on work equipment cylinders enable the PC2000-11 to withstand the most abrasive applications.

PC2000-11 new features & benefits.

- **Engine output increase in the NEW P+ mode**, reaching 794 kW gross.
- **Higher fuel efficiency**
- **Strengthened work equipment (Arm and Boom)**
- **New engine-pump control for**
    - Greater hydraulic power at maximum pressure
    - Faster hydraulic speed/cycle times across the flow pressure curve
    - Up to 12% greater productivity (vs. dash 8)
- **New mining-class cabin with**
    - Increased leg room
    - Improved seat adjustment
    - Noise reduction
    - 7 inch, colour, multi-function monitor
    - Air suspended seat with integrated consoles and adjustable arm rests.
    - Dual Automatic A/C
    - Dedicated 10.4" full-colour KomVision monitor
- **Komtrax Step 5 & Komtrax Plus**
    - Fuel abnormality (theft) reports
    - Machine status reports
    - Machine condition and trends
    - Hydraulic oil filter bypass sensor
- **Komatsu CARE** – Peace of Mind, Cost Down and Profit Up
  KDPF systems included in the Komatsu Care product support package
    - 3 year / 2000 hrs scheduled maintenance interventions
    - 5 year / 9000 hrs KDPF cleaning [every 4500 hrs]
    - 5 year / 9000 hrs warranty on the KDPF

- **KomVision (camera) system as standard** – improved view helps avoid incidents
- **Ladder as standard** – hydraulically operated, 45° access ladder provides safe access
- **Emergency shutdown switches as standard** – 5 strategically placed switches allow a total machine shutdown at the press of a button.
- **Easy maintenance access** – Wider catwalks, more space in engine compartment
- **LED lamps** all around – better vision for safer & more productive operation.
- **Auto Idle Shutdown System** – helps reduce wasteful idling of machine.
- **EU Stage V emissions compliant**

About Komatsu
Komatsu is an industry-leading manufacturer and supplier of equipment, technologies and services for the construction, forklift, mining, industrial and forestry markets. For nearly a century, Komatsu equipment and services have been used by companies worldwide to develop modern infrastructure, extract fundamental minerals, maintain forests and create technology and consumer products. The company's global service and distributor networks support customer operations, tapping into the power of data and technology to enhance safety and productivity while optimizing performance.

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

Notes:
- *Komatsu Care, Komtrax and Komtrax Plus are registered trademarks of Komatsu Ltd.*
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