



Media support:
Kevin Broman
+32 499 596 903
kevin.broman@komatsu.eu

Komatsu Europe announces the new SubMonitor for wheel loaders

Everything at a glance: A new platform for intuitive assistance systems for maximum efficiency and safety while loading

Vilvoorde January 2023 — Your customers told us that to meet their continual challenges and ever-increasing operational complexity, they need solutions that deliver safety, real-time information, machine monitoring, driver assistance, production monitoring, efficiency optimization, future proofing and easy to use for the driver without causing distraction!

We took this knowledge on board, and we are delighted to announce the introduction of the all-new Komatsu SubMonitor for wheel loaders that meets each and every one of your customers' requests in one intuitive easy to use touchscreen interface.

Focusing on simplified operation by merging many features into one device, the SubMonitor creates a new interface for the operator to interact with the machine's assist systems; that include an Extended Load-Pilot, a new rear view Supervision system with high-definition camera and rear radar obstacle detection, and an all new, performance boosting Efficiency Trainer module.

The 12.1" ergonomic touchscreen provides easy, intuitive operation, reducing confusion and work interruptions vs. the multitude of separate sub systems that are all too common today. The Komatsu SubMonitor is the base for a new era of machine features that deliver unrivalled control, comfort, and safety.

Extended Load-Pilot

The proven Komatsu Load-Pilot as a weighing system has been updated in terms of functionality and controllability. Since all important elements are displayed on the monitor, the adjustment can be easily made on the screen with just a few clicks, without having to dive into the machine menu. The tidy arrangement of all functions is self-explanatory. Accurate and fast weighing results with the improved auto-weighing function, material definition at will and productivity and efficiency display for different materials enable smooth operation in operation.

Efficiency-Trainer

Efficiency Trainer is a new feature that improves driver's skills during actual work to increase performance and increase efficiency. Based on a new algorithm, the system learns itself for each loading cycle. The reference is set by the operator taking into account different operating conditions and not specified by the machine on the basis of fixed data. The evaluation is based on several machine data, which are evaluated with the help of a point system. As the charging performance improves, the reference is raised. If the charging performance decreases, the deficits are displayed based on criteria and improvements are suggested.

Rear view supervision

Wheel loaders must reverse for each loading cycle. Since there is no direct view from the cabin, the rear area surveillance is one of the most elementary safety systems. The new digital camera system, combined with radar obstacle detection, gives a perfect overview of the situation behind the machine. The SubMonitor's high-resolution screen displays the image crisply and clearly, and radar obstacle detection provides the operator with audible and visual warnings of hazards behind the machine.

The SubMonitor is optionally available as equipment for the wheel loader models WA380-WA500-8.

#

About Komatsu

Komatsu is a market-leading manufacturer of equipment, technologies and services for the construction, forklift, mining, forestry and industrial sectors. For more than a century, companies around the world have relied on Komatsu equipment and services to advance modern infrastructure, extract vital natural resources in the most environmentally friendly way possible, manage forests sustainably, and develop technologies and products. Komatsu's global service and dealer network supports customers' work with data and technologies for increased safety, productivity, and performance.

#

*Information in this press release is current as of the date of publication.
Subject to change.*

29.11.2022



—Photo (Komatsu): The WA475-10 in material handling: Simple and intuitive operation of the assistance systems with the help of the new SubMonitor