

Komatsu Europe launches WA800-8 wheel loader

High productivity - EU Stage V compliant

Vilvoorde July 2020 — Komatsu Europe International N.V. announces the launch of the new WA800-8 wheel loader. Designed for maximum operating comfort, the WA800-8 proposes many customer advantages, among which a Modulation Clutch and Variable Traction Control, an Auto Kick Down and an RPM set. Combined with Komatsu's redesigned extra-large 11,5 m³ bucket and its optimised maximum fill factor, the WA800-8 offers superior efficiency.



The all-new Komatsu WA800-8 rewrites the rules for stability, giving the operator a safe and comfortable work environment. With a 115 tonnes operating weight, the WA800-8 allows for 20,700 kg rated load capacity in a standard boom configuration

“Our WA800 has always been well-appreciated for its reliability and productivity”, says Jo Monsieur, Group Manager for Large Machines at Komatsu Europe. “And this latest generation surely continues this legacy. Furthermore, Komatsu has really set new standards for stability, comfort and safety and we are very proud to be able to offer this to our customers.”

Power, Performance & Efficiency

Environmental concerns are growing worldwide, along with a need for cleaner engines. The Komatsu WA800-8 meets the latest EU Stage V emission regulations with Komatsu-designed, developed, and manufactured engine and aftertreatment systems.

Two Diesel Particulate Filters, two Variable Geometry Turbos, a Heavy Duty and cooled exhaust gas recirculation system, new engine control modules, a Closed Crankcase Ventilation system - and no AdBlue® required, will allow WA800-8 customers to be competitive in tenders and keep their Komatsu machine at work for many years.

As standard, Komatsu offers up to 11,5 m³ buckets, that have a redesigned spill guard, increased radius and floor angle, and provide better penetration and higher fill factors to boost productivity and income. Their ultra-strong teeth and enlarged sweeper wings increase uptime and reduce tire damage to also reduce maintenance costs.

A standard high accuracy Payload Meter (PLM) lets you easily monitor and track your work's productivity and efficiency within 1.5% accuracy, to avoid overloading dump trucks.

The Modulation Clutch system gives operators precise control of rim pull, for fast work equipment speeds, and a smooth approach for truck loading. The Variable Traction Control system optimises rim pull on all ground conditions, minimises tire slippage and lowers maintenance costs.

On-board Komatsu SmartLoader Logic, a fully automatic engine control, yields precisely enough torque for each work phase, based on the application. By automatically switching between Economy & Power modes it considerably reduces fuel usage, with no loss of productivity.

The new generation WA800-8 wheel loader's hydraulics are improved with a CLSS hydraulic system that delivers power on demand via the variable displacement piston pumps. It keeps the hydraulic oil cool and increases both your work speed and fuel economy. Fuel savings are further promoted through the Auto Idle Shutdown system and by ECO guidance tips on the in-cab monitor.

Combined with the unique Komatsu CARE support package, the WA800-8 offers truly unbeatable customer value.

Safety, Reliability & Durability

A new supersized ROPS/FOPS cabin provides a completely redesigned, spacious, sturdy and safe operating environment, with a wide and unobstructed view of the work area. After dark, visibility and safe maintenance are improved by 22 LED lights, a new standard factory-fit comprehensive package.

For increased safety and operating confidence, KomVision, a visual aid designed by Komatsu to help avoid contacts or collisions due to blind spots, reduces risks of machine damage and injury. On the WA800-8, five network cameras create a bird's-eye view of the immediate surroundings on a dedicated monitor. An extra rear-view camera sends a colour image with a distance indicator line on the cabin monitor.

Catwalks and handrails on the counterweight provide an additional standard safe exit and easier maintenance. In option, Komatsu proposes a hydraulically operated 45° ladder to the cabin.

For easy servicing, even high up, technicians can attach lanyards to safe anchored tie-off points well-placed around the WA800-8. Standard safety lockout switches at the rear of the machine can be quickly reached from ground level, in an emergency or a critical situation.

Engine maintenance points are grouped, and various ladders, stairs and handrails provide safe access to all filters. The optional service centre enables the wireless download of KOMTRAX Plus data, along with faster and easier oil servicing and sampling.

The radiators have a swing-out reversing hydraulic fan, for safe access and easy cleaning with compressed air or water. To reduce clogging, the modular core radiator features widely spaced cooling fins.

Brake life was increased with an improved fully sealed hydraulic brake system. The front frame and the loader linkage were redesigned to be stronger and more durable.

Comfortable & Easy Operations

The redesigned interior of the new and enlarged cabin offers better ergonomics to reduce fatigue, for a happy and more productive operator. Sound insulation and a quieter engine keep noise levels low and help you stay focused and safe.

A new fully adjustable seat, air-suspended, heated and ventilated, with an adjustable bolster and integrated standard EPC levers, makes life on the jobsite easier, as do the colour TFT monitor and a range of new tools and functions. A new fold-up trainer seat allows in-cab operator training. For less experienced operators or just for easy operation, the Auto Digging system, the Semi-Auto Approach and the Semi-Auto Dump can assist to provide a consistent performance.

The new right-hand side console is integrated in the seat. Switches and Bluetooth radio are easily accessible on the overhead console, and the new front panel is styled with a similar look and feel as other Komatsu machines.

Available now at Komatsu Europe, the WA800-8 wheel loader offers unbeatable customer value, whatever and wherever the job.

Quick Specs

- ✓ Engine Power - 638/854 kW/HP
- ✓ Max Bucket Capacity - 11,5 m³
- ✓ Payload – 20,700 kg
- ✓ Operating Weight - 115,5 tonnes

Komatsu WA800-8 Wheel Loader – New features & benefits

- **Best in class 20700kg rated payload**, with 11,5m³ bucket as standard.
- **Superior performance – higher productivity through**
 - Modulation clutch
 - Variable traction control
 - Rpm set function
 - PLM meter
 - CLSS & EPC control
- **A range of standard Safety features:**
 - Komvision
 - Emergency Engine stops
 - Machine lock out switch for hydraulics, battery and starter
 - Starter receptacle
 - Certified anchorage (tie off) points
- **LED lamps** all around – better vision for safer & more productive operation.
- **Auto Idle Shutdown System** – helps reduce wasteful idling of machine.
- **Automatic functions** – help reduce fatigue and help inexperienced operators
 - Auto digging function
 - Semi-auto dump truck approach system
 - Semi-auto dump system
 - Auto kickdown
- **EU Stage V emissions compliant**

- **Komtrax Step 5 and Komtrax Plus**, Peace of Mind, Cost Down, Profit Up through
 - individual operator ID system
 - usage and trend reports
 - fuel abnormality (theft) reports
 - auto idle ON/OFF records
 - integrated communication antenna (includes wifi antenna)
- 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**

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

Notes:

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- AdBlue[®] is a registered trademark of Verband der Automobilindustrie e.V.

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