

Date:27/05/2026

Subject: **New options introduction for Wheel Loaders**

Category: **New Product Information**

Dear colleague,

We are pleased to inform you about the introduction of the new standard **Digging Operation Assist** function and the two additional options for the wheel loaders; **the AERIAL ANGLE (360°)** and **the Rear Collision Damage Mitigation Assist (RCDMA)**.

Digging Operation Assist

Digging Operation Assist is a standard function on ZW180-7, ZW220-7 and ZW250-7 supporting the digging process by automatically controlling the lift arm and bucket during excavation.

The system detects the digging load and performs automatic lift and bucket control until the bucket reaches full tilt. The start and end of the automatic operation are clearly indicated to the operator through an audible notification. During Digging Operation Assist operation, the operator only needs to control the accelerator, **control lever operation is not required**.

Key Benefits:

For Less Experienced Operators

Regardless of operator experience, Digging Operation Assist enables stable and consistent bucket filling, helping to improve overall productivity. In addition, optimized excavation control supports reduced fuel consumption during digging operation.

For Experienced Operators

By eliminating continuous control lever operation during digging, Digging Operation Assist helps reduce operator fatigue while maintaining productivity comparable to conventional operation. This supports comfortable and efficient operation over longer working periods.

For the Machine

The controlled bucket volume and optimized digging control helps to reduce tire load, minimize wear, and lower mechanical stress on the machine. Preventing overloading also contributes to improved fuel efficiency and supports long-term machine durability.

Digging Operation Assist is designed to support operators, protects the machine, and delivers consistent performance making it a valuable standard feature for customers focused on productivity, efficiency, and ease of operation.

Flexible Operation Modes

To accommodate different operating preferences and experience levels, Digging Operation Assist offers two selectable modes:

AUTO mode: Fully automatic digging support.

SEMI-AUTO mode: Allows the operator to choose the preferred digging start timing.

This flexibility makes the function suitable for both less experienced and highly skilled operators.

PHASE IN

Digging Operation Assist is installed as standard from the following serial numbers.

ZW180-7: from 505197

ZW220-7: from 505208

ZW250-7: from 500249



AERIAL ANGLE (360°)

The upgraded AERIAL ANGLE (360°) system replaces the existing 270° camera system and is now available as an option for all Wheel Loader models. Using four cameras around the machine, the system provides a seamless bird's-eye view displayed on the cab monitor. This significantly improves visibility in all directions, including the front area, helping operators identify people, obstacles, and site conditions more quickly. The result is safer operation and increased operator confidence, particularly in confined or busy job sites.



Rear Collision Damage Mitigation Assist

Rear Collision Damage Mitigation Assist represents the latest advancement in operational safety for -7 series Wheel Loaders and is available for ZW180/220/250-7. RCDMA detects objects behind the machine during reverse travel and warns the operator through visual and audible alerts. If a potential collision risk is detected, the system automatically decelerates and applies the service brake to help prevent or reduce impact damage. The system continuously evaluates travel speed, machine inclination, and object distance to ensure reliable and appropriate intervention.



PRICING

For the pricing of the new Wheel loader options, please reach out to your respective Account Manager.

ORDER INTAKE

The order intake for AERIAL ANGLE (360°) as well as for Rear Collision Damage Mitigation Assist starts from June 2026.

MARKETING INFORMATION

To support your promotional activities around this model, the following marketing material will be available:

Sales Manual	Uploaded on Dealer portal
Options brochure	Uploaded on Dealer portal
English brochure (PDF format)	The option will be incorporated on the brochures' Equipment list.

Kind Regards,

Bill Drougkas

Manager Product Management