



Case Study

In motion – with TOBROCO and EAO.

New intuitive operation with Series 09 Rugged Keypads.

With the new GT5048 model, TOBROCO-GIANT has taken the technology of their GIANT telescopic handlers to the next level. *For their control, they rely on the robust and flexible Series 09 Keypads.*

The operation interface has been completely redesigned and modernised – *with the Rugged Keypads of EAO Series 09.*

Company Profile

Customer
TOBROCO-GIANT

Market
Heavy Duty

Application
Agricultural machines

EAO Series
Series 09



Series 09 Keypad – Precisely configured for the GT5048 TOBROCO-GIANT.

In 2021, TOBROCO-GIANT celebrated 25 years in business

What started in 1996 as a small company trading in decorative fencing and fertiliser injectors, has grown through the further development and production of GIANT machines into an international business with three sites and the ambition to grow significantly in the coming years to produce 9 500 machines/year in 2025.

Director and owner Toine Brock: “This milestone wouldn’t have been possible without the efforts and engagement of employees, dealers and suppliers. And of course, of our customers around the globe, who use our machines daily, and who are impressed by the quality of GIANT machines and attachments.”

One of these machines is the new GT5048. TOBROCO-GIANT has elevated the design of this GIANT telescopic handler to a higher level. The comprehensive knowledge of the 4548 TENDO and the latest technologies have been used to develop a modern telescopic handler in the 2x2metre class. This means that the compact telescopic handler is only 1.91 metres high and 1.65 metres wide. With a lift height of 4.8metres, the GT5048 is ideally suited for working at height.

New intuitive operation with EAO modules

The operation interface has also been completely redesigned and modernised – with the Rugged Keypads of EAO Series 09. The replaceable symbols make the design very flexible, so it can be adapted at the last moment to any customer requirements. The connection to the J1939 bus protocol and the intuitive illumination align perfectly with the modern communication of the GIANT GT5048.

Benefits in use

- Symbols that can be positioned flexibly according to the end customer’s preferences
- Savings on wiring using J1939 bus system
- Modern look with intuitive operation in the cab as an additional sales argument

HMI product advantages

- Water resistance IP6K7 front and rear protection
- Long service life, up to 1 million switching cycles
- Halo ring and symbol illumination for intuitive feedback
- Robust quality

Designed for harsh operating conditions and E1 applications with CAN bus integration – *The robust control units with intelligent illumination are ideally suited for use in heavy duty and special vehicle applications.*

Contact

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More information
www.eao.com/09-keypads



Rugged. Modular. Reliable. The Rugged Keypads with 6 and 8 pushbuttons.

The Series 09 Rugged Keypads offer excellent reliability: The modules have been designed for E1 applications with functional safety according to ISO 26262 ASIL B and EN ISO 13849 PL d, as well as intelligent operation with CAN bus integration. The robust, modular design with IP6K7 protection and the option to freely adjust and easily replace the keypad texts or symbols makes these high-quality keypads ideally suited for use in heavy agricultural vehicles and special vehicles.

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Your centre of excellence.

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