

Merlo E-Roto

Gebr. Willing strengthen Rental Fleet with largest Rotating Merlo Telehandler with Electric Option

Bremen: Specialising in crane and conveyor technology, Ansgar and Georg Willing are currently completing their fleet with the most powerful Merlo Roto. The new endlessly rotating Roto 70.28 S PLUS (7 t - 28 m - 170 hp) from Merlo Germany at the beginning of the year in Bremen. It is the second of this size in the portfolio of the company based in Falkensee near Berlin. It's special feature is the optional electric operation of the hydraulics.

The electric equipment can be ordered in all S and S-PLUS rotors over 20 m lifting height. In addition to the regular Stage V-compliant 4-cylinder diesel engine, the e-versions are equipped with an electric motor. With the exception of moving the basic machine, all functions of the telescopic handler can be carried out electrically. A 50 m cable supplied by the manufacturer is used for operation via a 400 V power connection with 32 or 63 A, depending on the option selected.

Managing Director Georg Willing says about the decision to purchase the 32A version: „Investing in the XXL-Roto was a logical decision for us. It runs on the power and boom side between our 16 and 30 tonne cranes. We also see it as a mobile alternative to the telescopic crawler crane.“

The first seven-ton Merlo arrived at the Willings in 2023 with one standard diesel engine. The entrepreneur explains the reasons for the electric upgrade in 2024: „We want to deliver what others do not have and cannot do. This runs through our entire, highly customised range. Electromobility is on everyone's lips. Most people think of cars. In the construction industry, however, for economic reasons, it has long been integrated by many manufacturers. The E-functions in the Roto are a good example. The proven concept makes the largest rotating Merlo even more flexible.“

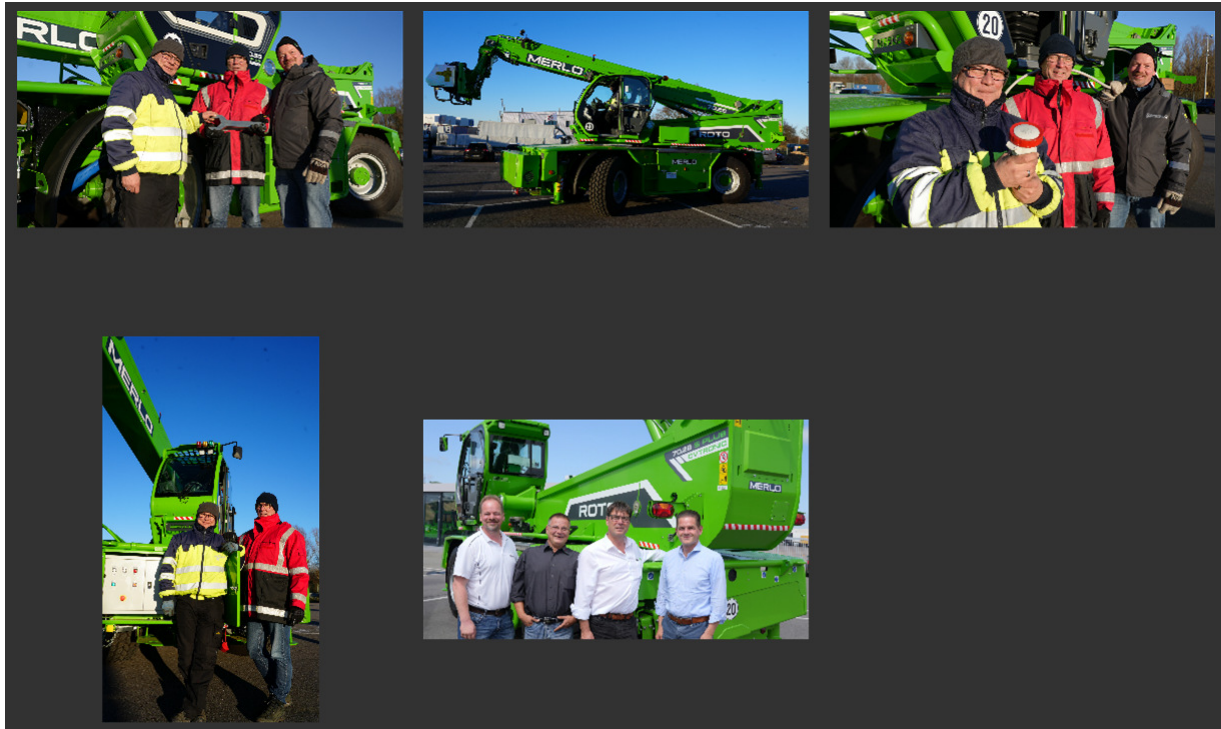
Ansgar Willing, the second Managing Director, explains the practical aspect: „Together with Merlo Germany technician Ulrich Ellmers, we put the machine through it's paces. The way the device received us was perfect. Everything except driving is actually electric. As it is run from the socket without battery handling, you simply plug in the 'box' and you're ready to go. Switching from diesel to electric and back is also done quickly with a few simple steps. In electric operation, we have lower overall operating costs at work. Ingenious, we think.“

The E-option is available in many models of the Merlo Roto series with lifting heights of over 20 metres and load capacities of lifting capacities from 5 to 7 tons. Their booms extend upwards to around 35 metres. The uppercarriages are 600° or endlessly rotatable. The abbreviation "S" in the type designation stands for the integrated hydropneumatic levelling, "PLUS" stands for a higher level of equipment. At its core, it comprises the endless rotation, two load-sensing pumps to increase the total flow rate of the hydraulic system, two control blocks (one only for steering and swivelling) and the tipping cab. In addition, in the "PLUS" version, the inclination of the device mount (more precisely the load fork) is displayed.

All rotors have radio and working platform preparation as standard. They are also equipped with the Adaptive Stability Control System, or ASCS for short. It guarantees the high safety parameters and assists the operator.

The Managing Director of Merlo Deutschland GmbH, Henrich Clewing, supports Gebr. Willing's decisions regarding the fleet. He adds: "The large Roto models are our flagships. The 7t machines have an immense appeal. Due to the variety of possible applications and technical features, they prove to be very consultancy-intensive. We are happy to take on these tasks and rely on an intensive dialogue with the market and users."

Pictures



Merlo Deutschland GmbH – Specialist for Telescopic Handlers

Merlo Deutschland GmbH (Bremen) has been selling telescopic handlers from the Italian company Merlo S.p.A. since 1992. The Telescope pioneer supplies over 60 models, many of them with award-winning innovations. All are characterised by the high safety standard. A team of 50 people in Germany customises the products and offers services for the market. In Bremen, it combines basic appliances, equipment options and attachment tools. Series products are turned into specialised machines for agriculture, rental, construction, industry and many other sectors. In addition to specialist and sales advice, Merlo Germany supports a dense nationwide network of dealers and service partners. It is connected to a fast spare parts supply. The Merlo Academy trains dealer sales staff to become professional consultants. It trains technical staff and enables users to gain driving experience and take part in certified operator courses. To date, the company has sold around 19,000 telescopic handlers.

Contact

The Press Release was created:

Merlo Deutschland GmbH
Mildred Schaub
Ahrensstr. 2
28197 Bremen
Phone: +49 (0) 421 3992 228
E-Mail: presse@merlo.de
Internet: www.merlo.de