

PD*i* news



ROCKSTER at Bauma

The Rockster R1100S impact crusher was among the many products the Austrian company displayed at Bauma. Rockster also hosted a live demonstration of an R900 impactor with screen box and return belt on a nearby construction site crushing demolition debris to a size of 0-22mm.

One of the first R1100S machines was recently purchased by Polixmair Aufbereitungstechnik from Gmunden, Austria. The R1100S was sent to its first job directly after Bauma working on asphalt recycling and processing natural stone.

“With the new R1100S we are fully up to date with the latest technical state of the art machinery. The intuitive control display with the quick start function and the continuous, fully hydraulic gap adjustment are labour saving features and help us to save time,” said Polixmair Aufbereitungstechnik chief executive Ferdinand Polixmar. “The fact that the screen box can be lowered to the ground facilitates the change of screening meshes and any maintenance works. Also with the remote control, we have more possibilities now, as for example adjusting the crusher speed and the speed of the vibration feeder. So the excavator operator has the opportunity to intervene quickly in the crushing process.”

“It was a surprisingly strong Bauma, which exceeded our expectations,” said Rockster chief executive Wolfgang Kormann. “Due to the growing European bureaucracy and the loss of markets, especially in southern Europe, we did not expect this amount of prospective customers. Encouraging was the response of visitors who used the fair to compare different products, as they commended the benefits of our technology. Especially our R1100S, equipped with the latest refinements, was convincing many visitors and we obtained several orders for this crushing plant at the fair. Once again, it was astonishing how international the Bauma really is, we had potential customers even from less known countries such as the Tuamotu Islands, New Caledonia and Kiribati at our booth.”

SaMoTer

INTERNATIONAL EARTHMOVING AND BUILDING MACHINERY EXHIBITION

The international earthmoving and building machinery exhibition SaMoTer, is the only event in Italy covering all construction machinery sectors in Europe and will be held on 22 - 25 February 2017 at the Veronafiere Exhibition Centre, Verona Italy. The exhibition is a partner event in the cycle of European trade fairs sharing the patronage of the Committee for European Construction Equipment.

The exhibition focus will be on environmental emergency and protection solutions, the territory and hydro-geological risks, with special reference to intelligent machines, hybrid low-emission and high efficiency machines, technological platforms for human-to-machine and machine-to-machine interaction. Present innovations, new business tools and prospects, as well as encouraging debate to better understand the future will be prominent. With this spirit and in the wake of renewed support for the construction sector, SaMoTer is investing in a variety of activities and tools designed to provide support for the needs of companies in the industry. The promotion of new forms of business alongside consolidated channels also involves innovation of formats by launching new initiatives.



A configuration tool that helps you get started faster

The best thing about Epec's MultiTool is that it lets you get to the actual work much faster. Epec's control system was installed into transifters manufactured by TTS Liftec Oy and the MultiTool configuration tool was used to program the control units. The transifters were also equipped with a modern GlobE remote management solution.

TTS Liftec Oy, located in Pirkkala, is a company that manufactures transifters and straddle carriers for ports and the heavy industry. The transifters are used to move loads of up to 200 tons and their control units must endure vibrations, heat and sub-zero temperatures. “These conditions definitely set strict durability requirements for the machines and their control units”, says automation engineer Mika Rinta-Koski from TTS Liftec. The machines are used in heavy-duty work, so the operators must be able to trust them completely.

The innovative MultiTool configuration tool was the decisive factor

When the old control units became unavailable, TTS Liftec decided it was time to update the transifters' control systems. In addition to being durable, the new system had to be cost-efficient and modern. “Epec's MultiTool configuration tool strongly influenced our decision. We knew it would allow us to complete programming faster. Eliminating troublesome preparations would allow us to get to work much faster”, Rinta-Koski describes. MultiTool is a system design and configuration tool that makes it extremely easy for program designers to define the functions they want for the control units. The actual programming of the control units is carried out using the CODESYS programming tool. MultiTool has a user-friendly interface, and Epec also provides training for the program's users. “Our collaboration with Epec has been a pleasure. At the beginning of the project, I participated in training sessions at Epec. There are comprehensive instructions available at Epec's Extranet and their customer support team always provides help quickly”, says Rinta-Koski.

Remote monitoring of machinery

The programming of the control units must naturally be cost-efficient and easy, but the end user of the machine has the most important role. That is why TTS Liftec wanted to equip their newest transifters with Epec's GlobE remote management solution. The Epec 6100 Remote Access Unit, one of Epec's newest innovations, was chosen for the remote connection. The 6100 control unit was also programmed using MultiTool. GlobE allows, e.g., parameter adjustments or software updates to be performed remotely, so the maintenance personnel no longer need to be physically present every time. The machine's operator, in turn, is able to view the information they need on their own computer after logging in. “In addition to us, this is especially valuable to our customers. The remote monitoring, programming and parameter assignment functions are important – they allow us to serve customers faster and cut travel expenses. In the future, the remote connection will be utilised in even more innovative ways”, Rinta-Koski promises.

“MultiTool makes the process much faster. The customer can focus on using the machine while MultiTool automatically manages the complicated preparations such as determining communication protocols for the control unit.” – Jussi-Petteri Lehto Project Services Manager Epec Oy Worked as Project Manager for this project.

“Epec products perfectly meet the expectations we have for control units. We also find it very important that the programming tools are simple and can be used quickly. It saves us valuable time.” – Mika Rinta-Koski Automation Engineer TTS Liftec Oy

Epec GlobE in a nutshell

Epec GlobE is our new browser-based remote management solution, which allows you to track, monitor and log machine data from the office, or even from your home via a tablet. The modern GlobE system makes it possible to, e.g., monitor the machine's real-time location or important values and alarms related to the work process, adjust parameters and perform software updates - remotely.