



Kinshofer launches new tiltrotators for mini excavators

Another German player, the Kinshofer Group, has also updated its 'NOX' tiltrotator series with 360° endless rotation and 2 x 50° tilt features which transform the base machine into a multifunctional attachment carrier. New to the range is the TR045NOX model for 2.5t to 4.5t mini excavators. This small tiltrotator also features 360° continuous rotation and a tilt angle of 2 x 45°. Another model in pipeline is the TR025 tiltrotator for 0.5t to 2.5t base machines, featuring 360° rotation and 2 x 26° tilt. As with all NOX tiltrotators, operators can choose between direct mount above, hydraulic or fully hydraulic quick coupler below, or the sandwich style, meaning quick coupling to both sides: up and down.

Being a member of the Open-S Alliance, Kinshofer is also now offering its tiltrotators and attachments with the Open-S system (which recently won the Intermat Innovation Award 2024). The electrical feed through function is optionally available for the use with special

safety quick couplers and tool recognition systems. In addition, the NOX tiltrotators are designed to be compatible with 2D/3D excavator control systems. Kinshofer also offers a vast selection of attachments suitable for tiltrotators, both mechanical and hydraulic, for digging, sorting, positioning, loading, demolishing or levelling applications. The 'NOXProp+' control system provides safety and precision of the operation. Its main features include individual function settings and intuitive menu. Integrated GPS, LTE, Bluetooth and Wi-Fi link the carrier machine to the digital workplace. Thanks to the 'NOXGeo' sensor technology, the manual mapping out of the work area is significantly reduced.

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Steelwrist unveils third generation tiltrotators at a two day event in Hamburg

On March 13-14, 2024, Sweden based tiltrotator specialist Steelwrist hosted a launch event at its new facility in Hamburg to unveil its third generation of tiltrotators,

along with a range of new compactors and grapples. The event's main attraction was the XTR20 - the first model of the third generation of Steelwrist tiltrotators. Designed for 16t-20t excavators, the XTR20 features steel cast elements, including the upper coupler, gearbox and the quick coupler below the tiltrotator. Despite its compact build and reduced overall height, the XTR20 maintains a 45° tilting angle. Designed with off-centre tilt cylinder brackets, the tilt cylinders have been designed to be shorter for optimised tilt geometry. The two new features introduced on the XTR20 are lubrication free, triple sealed bearings on all main joints and 'OptiLube' – an onboard lubrication system. The idea behind OptiLube is to make sure that the tiltrotator is greased the right amount at the right time to increase the unit's lifespan. OptiLube is integrated into the tiltrotator's control system, allowing for continuous monitoring of the lubrication process.

Operational safety is further enhanced with the patented 'LockSense' technology - a sensor system for secure locking of a work tool. The operator receives in