

MOVLIMIT

Lifting and slewing limitation system

The **MOVLIMIT** lifting and slewing limitation system significantly increases your work safety. When working near railway tracks, both man and machine can be protected by the limitation. The system is universal and can be used for various excavator types and models. It can also be adapted for machines in special applications.



Functions

- Limitation of the maximum height of the boom
- Limitation of the maximum swing angle of the upper carriage
- Visual indication and warning on display

Advantages

- Compatibility / expandability with MOVASYST systems
- Intuitive operation
- Cost-effective
- Simple and fast installation (within approx. 6h)
- Flexible sensor mounting on the boom
- Minimal number of components
- Robust CAN bus communication with industry standard M12 connector

Scope of delivery

- Sensors
- Display with bracket
- Cable harness
- Hydraulic block with proportional valves
- Control unit

Specifications

System voltage	12 V / 24 V
Power consumption	<10 W
control	
Power consumption valves	<100 W
IP protection	IP65

Highlights

- No impact on excavator performance
- No disruption from magnetic fields
- Adjustable damping ramp for gentle braking behavior
- Combined as lift and swivel limitation or for individual use
- Ideal for construction sites with safety zones (e.g., railway construction)
- Available as White Label