

MOVAX CONTROL SYSTEM

MCS Pro+auto

The MOVAX Control System MCS Pro+auto is an advanced, state-of-the-art control system for easier, precise and more productive and efficient operation.

The visual user interface of the MCS Pro+auto is based on a 7" display with easy-to-read graphical symbols for the position, vibro frequency or piling hammer impact energy rate, and hydraulic pressure. It has user-friendly menus for calibrating and optimising the performance of both the Movax equipment and the excavator hydraulics. The MCS Pro+auto provides full system diagnostics directly on the screen and can be set to remind the operator of critical maintenance tasks, such as changing oil and oil filter.

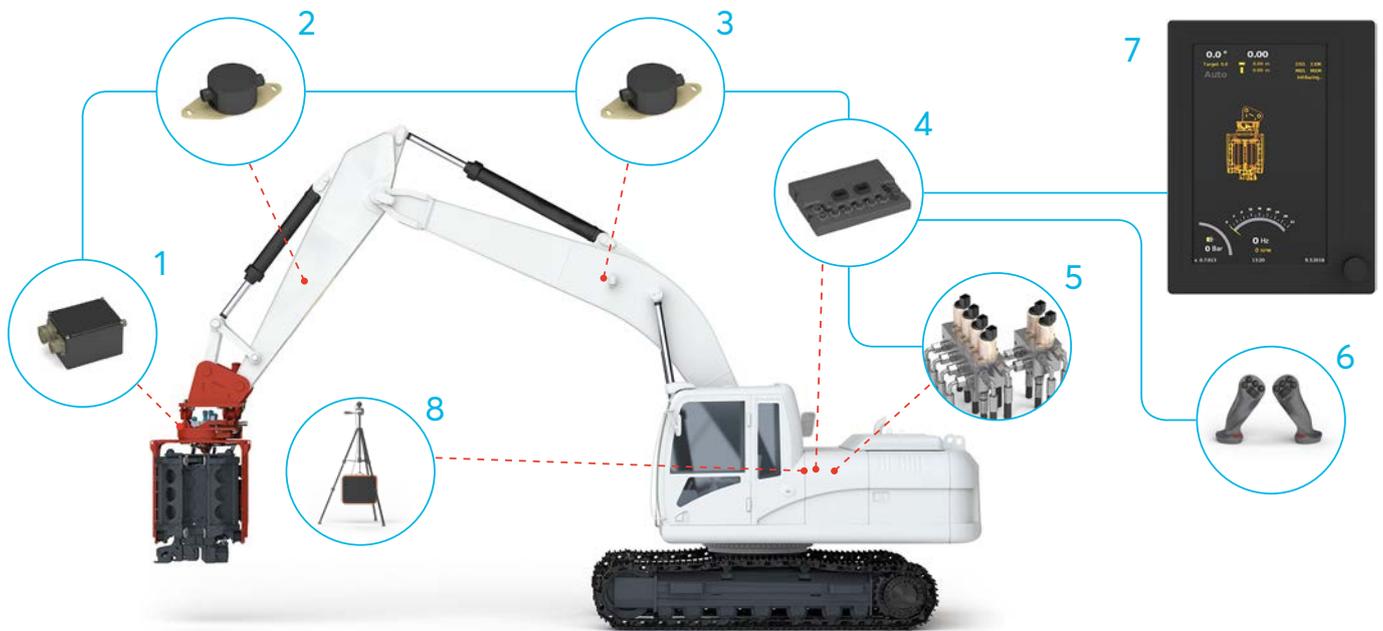
The control grips with proportional rollers are ergonomically shaped and designed for simultaneous control of multiple operations. The grips have a large number of switches and rollers to accommodate non-MOVAX functions as well.

The MCS Pro+auto control feature makes the excavator mounted MOVAX side grip pile drivers and piling hammers travel in a straight line by taking over a demanding part of the boom control. The system is based on angle sensors on the excavator and the MOVAX piling equipment and proportional pilot valves mounted on the excavator. The smart user interface allows the operator to switch the automatic control on or off at any time while keeping his/her hands on the controls at all times.

MCS Pro+auto can be upgraded to meet different needs. Versatile connectivity makes it possible to add pressure sensors, a boom-mounted camera or a wireless site camera for top-level safety, productivity and accuracy.

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- 1. MOVAX module
- 2. Stick boom sensor / 3. Main boom sensor / 4. Excavator module / 5. Valve Block / 6. Grips / 7. Display
- 8. Camera (optional)

FEATURES

	Lite	Pro	Pro+auto
Colour display	3.2"	7"	7"
Ergonomic control grips with thumb wheels	✓	✓	✓
Proportional control for excavators AUX hydraulics	✓	✓	✓
Frequency / RPM (SG vibro)	✓	✓	✓
Impact energy rate (piling hammer)	✓	✓	✓
Movax angle (bucket cylinder operated)	✓	✓	✓
Movax angle (side tilt)	✓	✓	✓
Distance and height position	NA	✓	✓
Auto Control	NA	optional	✓
System diagnostics	✓	✓	✓
Camera Input	NA	optional	optional
Wireless site camera on tripod	NA	optional	optional
Software update via USB memory stick	NA	optional	optional

Note! The MOVAX module is provided with the MOVAX piling equipment.