



engcon[®]

Microprop DC2

**The proportional control system
for tiltrotators – now also available
with track or wheel control**



 **MICRO
PROP** DC2



NEWS

Experience the Microprop DC2

Engcon's step less proportional control system for tiltrotators, Microprop DC2 (Digging Control), combines high safety with the latest technology and several new functions to improve operation. Microprop DC2 is suitable for all machine brands on the market and is available as an optional extra or can be retrofitted.



Microprop DC2 – safety in the system

Microprop DC2 meets the new international machine safety standard SS-EN ISO 13849-1. Each joystick button and roller is monitored by double signals. These signals are alternate and crosswise, and are the only sure way of detecting a short circuit in the cable, something which is not standard in traditional control systems.

Control over the hydraulics has been improved, with additional on/off valves and pressure monitors to prevent simple faults leading to dangerous situations. If a problem occurs in the hydraulics system, the machine will switch to "safe mode". The operator is warned and receives a clear error message on the control box's built in display.

New functions and advantages to improve operation

Microprop DC2 offers exceptional precision, flexibility and machine control, is easy to use and install, and has a number of new functions which enables your excavator to get to work faster.

- ▶ Several system outlets with the option of track control and wheel steering and also, moving the boom.
- ▶ Steering with up to six rollers (Otto and Danfoss joysticks).
- ▶ Smart joystick adapter for steering/controlling all the tiltrotator's functions. Can be fitted quickly and easily to the original levers and does not affect the CE mark.



The right settings – with the market's first remote support system

Via a PC/USB or Smartphone/Bluetooth, you can adjust the speed of the controls and increase machine control at any time. Personal settings are stored in the user bank for quick retrieval by each operator.

Developed using the latest technology, Microprop DC2 offers remote support. When a fault is indicated, you contact the remote support which then takes control of the system via a server link and an app in your Smartphone. The remote support can carry out troubleshooting, basic calibration and track larger faults, saving both time and money.

- ▶ Increase in speeds of around 10 minutes.
- ▶ More detailed information for service technicians.
- ▶ Quicker and easier services.



Microprop DC2 is specially designed with remote support via Smartphone and computers through the mobile network.



WORK ON A NEW LEVEL – EASY TO START WORK

Microprop DC2 is quick to install, and all connections are made with connectors, enabling you to start your work as quickly as possible. If you have any queries or would like to make an order, contact your local engcon dealer. A range of products to help you work on a new level are available at www.engcon.se.



Develop your business concept up to 32 tonnes

Do you want to work more efficiently and open up new business opportunities? Tiltrotators and tools from the world's leading brand names take your excavator to a new level. With System engcon and a hydraulic implement hitch, you can quickly switch between jobs and make your excavator or backhoe loader more versatile and profitable. Visit us and check out the market's widest range of tiltrotators for machines weighing 1.5 to 32 tonnes.



TOOL SYSTEM FOR INCREASED PROFITABILITY

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