



Control system **MC3**





Mählers' new Control system MC3

Mählers new MC3 proportional control system was developed for softer, safer control and better fingertip feel when ploughing, grading, salting, gritting or controlling tipper beds on trucks and trailers.



◀ MIG2 Joystick

The MC3 is a proportional control system, which allows variable control of all ploughing equipment. The software in the MC3 supports the control of other types of functions such as sand and salt equipment, tipper bed etc. Selecting a variable (load sensing) pump for the truck brings advantages such as:

- Easy hydraulics installation
- Economically favourable installation thanks to fewer valves
- More economical operation (lower energy consumption)

The control system is also built for remote support connection via the mobile network to receive technical support, regardless of the customer's location.

Control of the plough and other equipment takes place via MIG2, an ergonomic, multiple-function joystick with proportionally controlled rollers for maximum precision. The joystick and key-

pad are also fitted with a number of on/off buttons for activating ploughs, grader blades and tipper functions etc.

MC3 software support and updates are possible via the Mählers Control System 3 app. Download the Mählers MC3 app from Google Play to an android smartphone for subsequent connection to the control system via Bluetooth. The customer can then ring support, who in turn can connect to MC3. Support is then able to make adjustments, switch or change software updates, review any fault codes etc., no matter where the truck is located.

This will save many unnecessary trips to the workshop. The MC3 was field-tested by customers in Sweden and Norway with good results and is available for order as of Spring 2019. The MC3 also meets the latest leading machine safety standard EN ISO 13849, which makes it one of the market's safest control systems for road maintenance products.



Ergonomic arm rest



Smartphone app



USER-FRIENDLINESS

- + Proportional control for smooth operation
- + Ergonomic lever with a multifunctional control pad mounted on a comfortable armrest provides convenient control
- + Simultaneous control of functions streamlines operation
- + Dual potentiometers for parallel regulation of constant pressure functions enhance precision
- + Android application for remote support and control system updates via a smartphone makes support simpler
- + Dual potentiometers to facilitate regulation of constant pressure functions.

FUNCTIONALITY

- + Tipper bed control, can be adapted for different chassis builders
- + Modular, easy to expand with extra modules
- + Salt/sand spreader activation and the ability to connect the MIO for control
- + Advanced internal fault-detection, operational information and status indication

SAFETY

- + Complies with EN ISO 13849, third-party certified
- + All controls meet the PLD Safety Directive
- + CANopen Safety compatible for safer control
- + Widening function monitoring with slide monitoring in the hydraulics
- + Safety valves in all hydraulic blocks



WELL EQUIPPED FOR ANY WEATHER WITH SYSTEM MÄHLERS

Enjoy new business opportunities and increased utilisation of your truck or grader all year round thanks to the full System Mählers product range.

Our tools are built to last season after season and raise your capacity summer and winter alike. Flexible couplers make mounting and plough changes easier.

The system diagram shows typical examples of quality tools and hitches from Mählers.

System Mählers' parallelogram also enables ploughs for wheel loaders to be used on trucks. The product range includes grader blades for trucks and side ploughs, snow guards, trenching blades and gravel spreaders for road graders.

TOOL SYSTEMS FOR INCREASED PROFITABILITY

AB Mähler & Söner Hotingsvägen 40, 880 51 Rossön
Tel 0624-512 350 | Fax 0624-200 50 | E-post info@mahlers.se
Web www.mahlers.se | FB www.mahlers.se/facebook


MÄHLERS