

1-GHZ CONTROL

For mobile work machines

Hirschmann MCS (Germany) offers the C-Scale C8, a 1-GHz control for mobile use under toughest conditions. The unit is robust and shock-proof in extreme situations. CANopen, CANopen Safety, and J1939 are provided.

THE CONTROL SOLUTION IS SUITABLE FOR MOBILE MACHINES, such as construction and building-material machines, agricultural and forestry machines, material-handling machines, municipal and special vehicles. The housing design of the PLC control is especially robust in the two protection classes IP20 and IP66/67 and ensures shock and vibration resistance, which is required in mobile application.

The unit is suited for mobile use, if a high-end CPU performance (1 GHz, HW FPU), a tailor-made I/O configuration or a special I/O is required. Apart from CANopen and Ethernet interfaces, other communication interfaces, such as CANopen Safety, J1939, and USB are available.

As a generally feature, the integrated USB interface offers the option for software updates as well as uploads of data logger data using an USB stick.

The housing in the IP20 version already protects the electronics against mechanical stress caused by impact, shock, and vibrations. The stable and resistant pressure cast housing in the IP66/67 design also withstands the direct influence of dirt, moisture, and water when used in rough surroundings.

Tailor-made configurations with 300 I/Os

Up to 300 I/Os can be modularly combined in the control. The I/Os have a high-degree diagnosis function. The self-diagnosis and monitoring functions are designed to immediately recognize the fault. Programming can be carried out with Codesys 3.5 or C++. A 2-GiB Flash storage space is available for program and data storage.



C-Scale C8 offers CANopen Safety (Photo: Hirschmann)