



Electronics for mobile machinery

Electronics is an essential part of state-of-the-art systems, as it ensures greater flexibility and lower costs than purely hydraulic or mechanical solutions.

These are the main features:

- **Can Bus data transmission technology**
- **Operation parameters managed through software**
- **A wide range of Human Machine Interfaces (HMIs)**
- **A wide range of microcontrollers for any requirement**

MICROCONTROLLERS

- From 4 INPUTS / 2 OUTPUTS up to 46 INPUTS / 32 OUTPUTS
- Supply voltage from 9 to 36 Vdc
- Operating temperature from -40 °C to 70 °C
- IP67 protection rating
- Single or dual processor



DISPLAY

- Three screen sizes: 3.5", 5.7", 7" (colour display)
- Supply voltage from 9 to 63 Vdc
- Operating temperature from -40 °C to 70 °C
- IP67, IP69K protection rating
- Optional colour camcorder



JOYSTICK

- Single or dual axis
- Analogue or CAN Bus outputs
- Up to IP66 protection rating
- A wide range of standard and ergonomic grips



INVERTER

- 12-120 Vdc up to 40 KW
- 230-690 Vac up to 2 MW
- Up to IP67 protection rating
- Single or dual processor

Custom HMI graphics

We can define HMI (Human Machine Interface) graphics according to your requirements. Data can be displayed through strings, bars, or alphanumeric characters.





Warehouse



Design



Support



Service

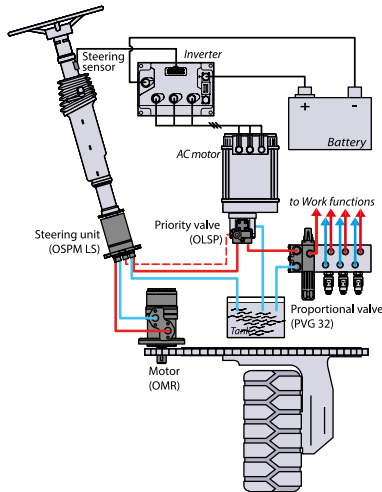


Consulting

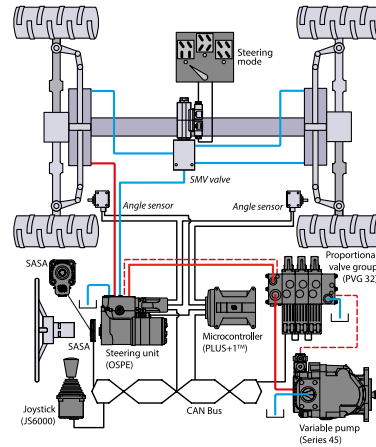
Turnkey solutions

SACE s.r.l. provides complete hydraulic and electronic systems. One single supplier for all your requirements.

Applications



Work functions & steering



Steering

Advanced functions



TELEMATICS & BLACK BOX

Installed on board the machine to allow the remote bidirectional exchange of information through a simple SIM.

Used as a remote connection, it allows for various real-time options, including fault detection, parameter modifications, and full machine software update. The dedicated portal allows you to monitor the machine from remote, view all its parameters, know its exact position, and set alarm thresholds through various types of warnings (email, sms).



ROLLOVER PROTECTION SYSTEM

We at Sace are always looking for new solutions to improve machine performance and, more importantly, the operator's safety on board.

The automatic levelling system allows you to know the exact tilt in real time. Should this value exceed the set parameters, the system will stop automatically, thereby ensuring the established performance level.



www.sace-srl.com

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