



DRAULICS



**SMART PU — HOME Lift
machine management**

SMART PU HL MACHINE MANAGEMENT



Our patented SMART POWER UNIT technology offers to manufacturers a one-stop-shop solution for small Hydraulic HOME Lift. It reduces TCO due to a **simplified electric and hydraulic circuit**, using a fieldbus connected Hydraulic Power Pack with a Safety Compliant built-in PLC.

The solution is ready for EN81-21 and EN81-50.

The solution for small elevators consists of:

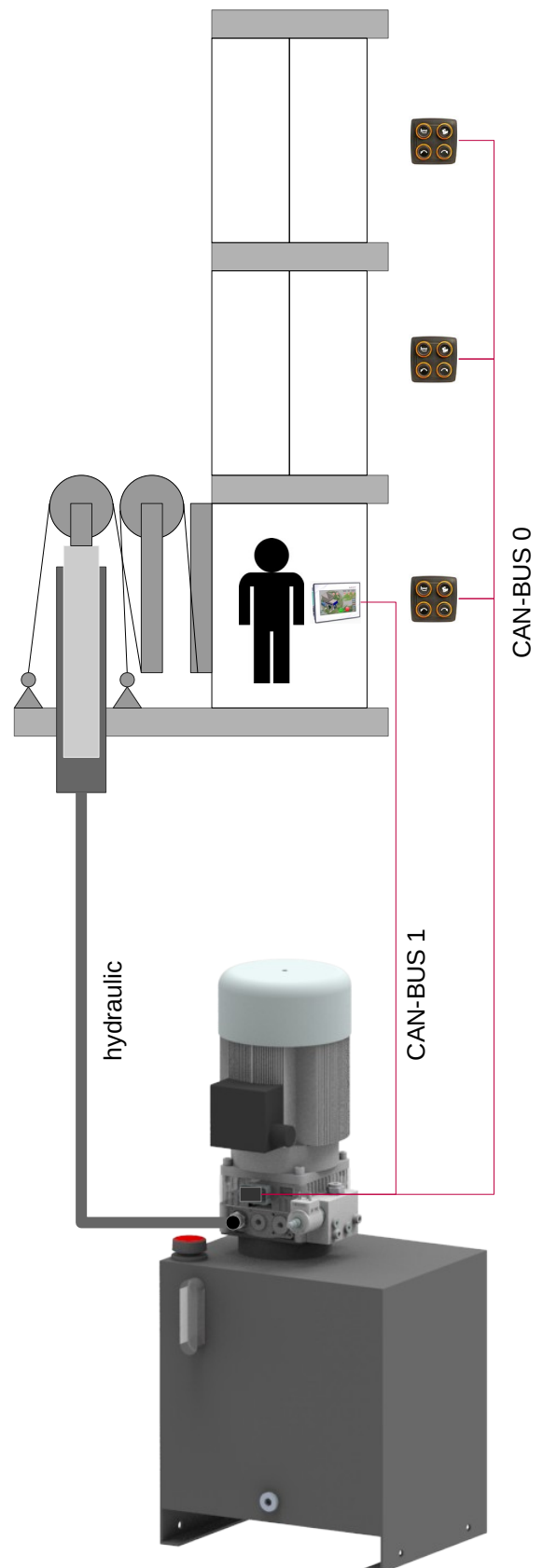
- SMART POWER UNIT
 - Hydraulic power pack with valves
 - Embedded SIL 2 programmable PLC
 - Embedded pressure Sensor
 - WiFi – CAN – Ethernet
- CAN BUS KEYBOARD for the car panel
- CAN BUS digitiser for “floor panel” or CAN BUS Keyboard

The Embedded PLC can be directly connected to:

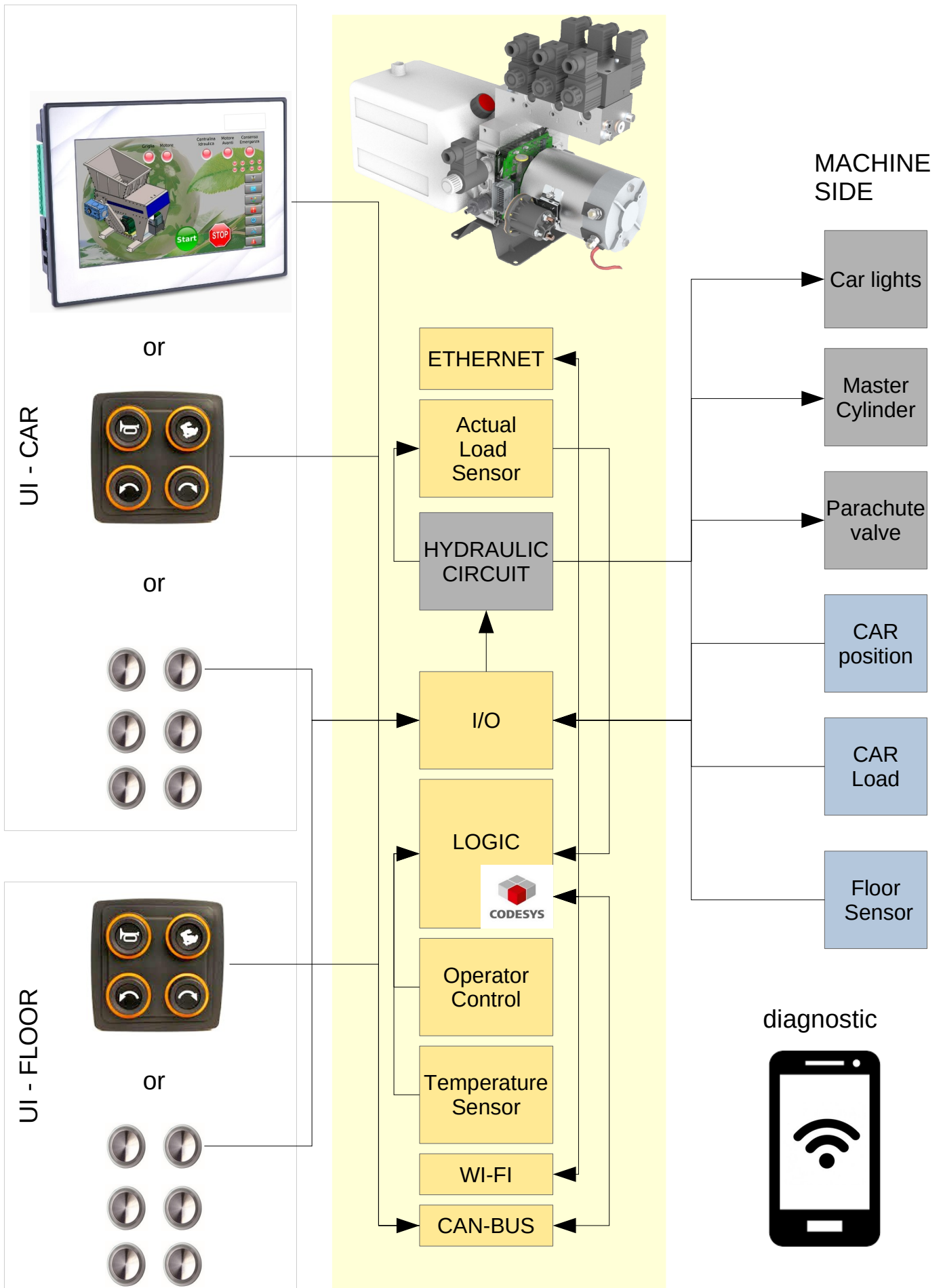
- Car position sensor (CANBUS)
- Car panel
- Car LED lights (up to 50W)
- Car level sensors
- Door locks
- IR door barriers
- Floor panel CAN digitiser

Features:

- Proportional valve for "soft start" and "soft stop" and accurate positioning
- Optional UMD - Unattended Movements Detection and prevention through hydraulic energy storage
- Remote Diagnostic
- Hand Pump
- in car LED direct Drive with auto dim
- 5 – 20 l/min flow



SMART PU HL BLOCK UNIT



SMART PU

Hydronit[®]

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