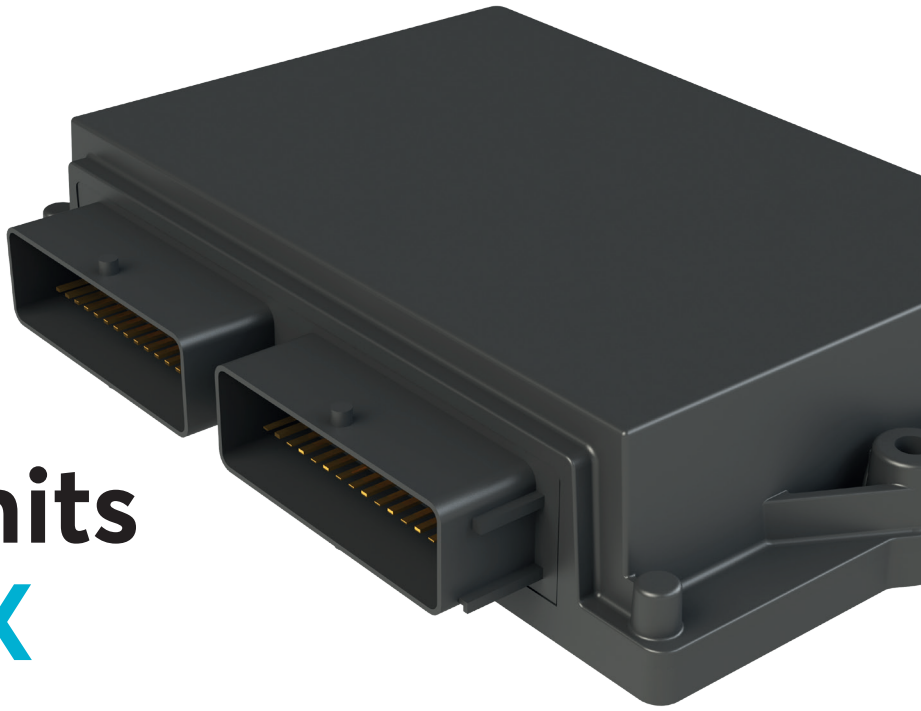
Carraro Electronic Control Units SAX–TRAX



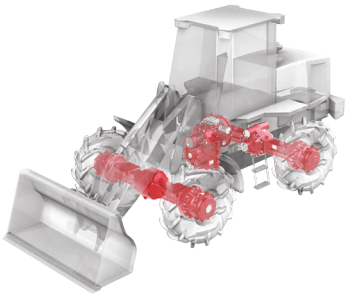
Specifications

Designed to optimize the overall System performance by governing the mechanical, hydraulic, and electronic modules together. The software is extremely versatile, as its parameters can be fully configured and customized to suit each application.

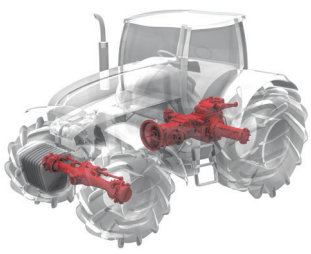
Advantages

- I/O (56) and CPU capacities to allow for customization
- Automatic code generation from model based design approach
- Capable of supporting various CAN protocols, including XCP, SAE J1939, KWP2000 and UDS
- Suitable to be integrated in the customer service tool or Carraro service tool supported

Applications



Construction Equipment



Agriculture

Electronic Control Units - Range

	SAX	TRAX
INTERFACE		
Nominal supply voltage	12 Vdc	12 Vdc
Analog inputs	Up to 3 (voltage/current/resistance, software configurable inputs)	Up to 5 (voltage/current/resistance, software configurable inputs)
Digital inputs	Up to 7 (pull-up/pull-down, software configurable inputs)	Up to 16 (pull-up/pull-down, software configurable inputs)
Frequency inputs	Up to 2 (pull-up software configurable)	Up to 3 (pull-up software configurable)
PWM outputs	Up to 2 (all High side + Low side)	Up to 4 (all High side + Low side)
Digital outputs	Up to 5 (High side / Low side)	Up to 12 (High side / Low side)
Output supply	5 Vdc	5 Vdc
Communication	1 RS232 asincronous, 1 CAN bus compliant with CAN 2.0b specifications (SAE J1939 / ISO 11783 / ISO 11898 / ISO 14229)	1 RS232 asincronous, 1 CAN bus compliant with CAN 2.0b specifications (SAE J1939 / ISO 11783 / ISO 11898 / ISO 14229)
GENERAL		
Operating temperature	-40/+85 °C	-40/+85 °C
Protection rating	IP67	IP67
Electrical connections	24 pins board mounted	56 pins board mounted
Housing material	High temperature nylon (black)	High temperature nylon (black)
Dimensions [for reference only]	119 x 35 x 133 cm	193 x 40 x 145 cm
Weight [for reference only]	0.250 Kg	0.420 Kg

Block diagram