

## MatManager™ Interface Box

The MatManager™ Interface Box is a unit connecting all the input sensors in the MatManager™ system.

The Interface Box is an intelligent unit that processes the input from the sensors and transmits the data to the MatManager™ Control Unit.

The calibration values of the sensors are stored in the Interface Box, enabling the user to dismount, change or store the MatManager™ Control Unit without the need for recalibration.

The unit is specifically designed to withstand the tough working conditions of the construction industry.



MatManager™ Interface Box

### MatManager™ Interface Box Specifications

|                       |                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part number           | S-50721                                                                                                                                                                                                          |
| Application           | Interface box for input sensors for the MatManager™ system                                                                                                                                                       |
| Power Supply          | 12/24 Volt System (10 - 30 VDC)                                                                                                                                                                                  |
| Power Consumption     | Typical at 24VDC 20 mA                                                                                                                                                                                           |
| Dimensions (DxWxH)    | 80x250x80mm / 3.1x9.8x3.1in                                                                                                                                                                                      |
| Weight                | 1.3kg / 2.8lbs                                                                                                                                                                                                   |
| House                 | Aluminium                                                                                                                                                                                                        |
| Operating Temperature | -10°C to +70°C / 14°F to 158°F                                                                                                                                                                                   |
| Storage Temperature   | -40°C to +85°C / -40°F to 185°F                                                                                                                                                                                  |
| Communication Bus     | CAN                                                                                                                                                                                                              |
| Connections           | <p>M12 female 4 pin connectoers for sensors<br/>M12 male 3 pin connector for power</p> <p>1 Canon Bayonet male 6 pin</p> <p>A: Vbat      D: CAN2 low<br/>B: GND      E: CAN1 hi<br/>C: CAN2 hi   F: CAN1 low</p> |