

## Load moment indicator systems

EPS30, EPS40



### Description

The tecs load moment indicator systems EPS30 and EPS40 offer all advantages of digital signal processing. As standard all relevant data are indicated. A taring possibility of the load at the hook is possible. All components are monitored continuously by an integrated diagnostic system. Minimum response times are reached by the pre-programmed load table.

### Features



- Easily readable, clear plain text display
- Ease of assembly
- Very good price performance ratio
- Fast commissioning
- Programming interface RS232
- Protection type IP 65

### Applications

- Overload protection for cranes

**Model: EPS30, EPS40**

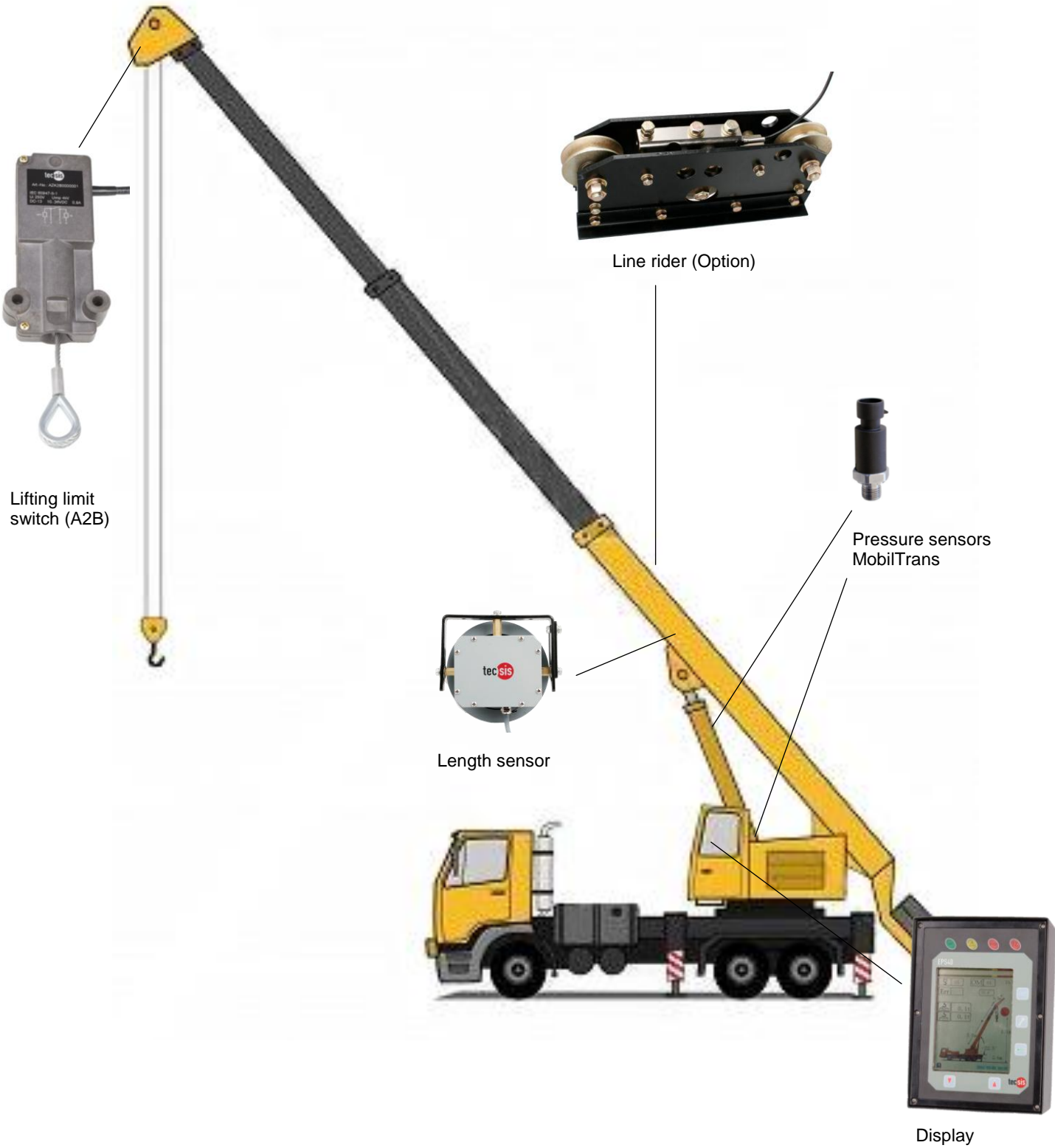
## Technical Data

Model	EPS30	EPS40
		
Display dimensions (mm) wth/height/depth	201 x 130 x 79	233 x 165 x 78
Display type	Monochrom black and white	Color LCD 5,7" – QVGA (vertical screen/horizontal screen)
Resolution	four-line dot matrix	640x480
Power supply Voltage DC [V]	11...36 VDC	11...36 VDC
Interfaces/ Communication connector	1x CANopen® 2.0B	1 X CANopen® 2.0B 1 x RS232 1x SAE J1939
Service Temperature range [°C]	-20°C ... +70°C	-30°C ... +70°C
Storage Temperature range [°C]	-30°C ... +80°C	-40°C ... +80°C
Processor (CPU)	8 bit/16 MHz	16 bit/20 MHz
Memory - Program space - Data space - Parameter space	64 kB 32 kB 2 kB	2 MB 1 MB 2 kB
Analog input	2	5
Digital input	2	4
Digital output	2	4
Relay output	-	1 (...5A)
A2B output	1	1
PWM output	-	-
Protection type	IP 65	IP 65

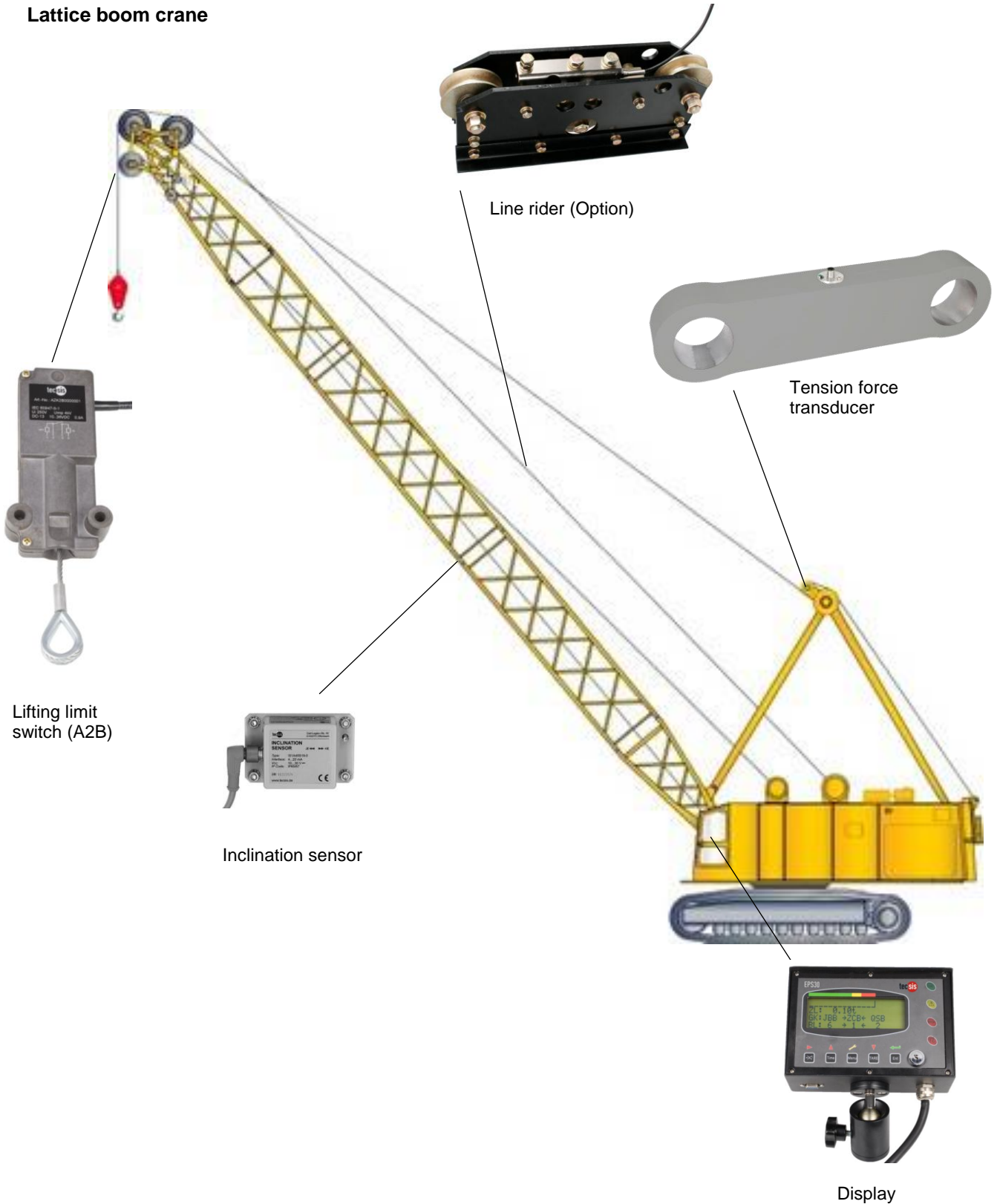
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# Crane Applications

## Mobile crane



**Lattice boom crane**



Subject of technical changes