



# CONTAINER WEIGHING






## LOAD-FORCE-TORQUE SENSORS








LOAD CELL  
MANUFACTURER

# CONTAINER WEIGHING SENSY SOLUTIONS

## LOAD-CELLS

	Load-pin	Dynamometric shackle	Dynamometric nut	Annular load-cells	Instrumentation of twistlock
					
	5000	5000M	5180B	5900	
Location	Replace axles at each pulley	Replace existing shackle	Replace existing twistlock nut	Under spherical bearing	Weighing of each twistlock
Range	Up to 125 t	Up to 100 t	Depending on twistlock	Up to 75 t	Depending on twistlock
Accuracy	± 1 % of full-scale	± 1 % of full-scale	± 1 % of full-scale	± 1 % of full-scale	± 1 % of full-scale
Operating temperature	-30..+70 °C	-30..+70 °C	-30..+70 °C	-30..+70 °C	-30..+70 °C
Available outputs	mV/V - 4..20 mA - RS485 - CAN WIRELESS - other on demand	mV/V - 4..20 mA - RS485 - CAN WIRELESS - other on demand	mV/V - 4..20 mA - RS485 - CAN WIRELESS - other on demand	mV/V - 4..20 mA - RS485 - CAN WIRELESS - other on demand	mV/V - 4..20 mA - RS485 - CAN WIRELESS - other on demand

## ELECTRONICS

	EMBEDDED AMPLIFIER	INDI-PAXS	INDI-PAXS & JBOX-LCI	INDI-BOY & JBOX-LCI	SPREADER-BOY
					
Weighing	✓	✓	✓	✓	✓
Display	✗	✓	✓	✓	✓
Eccentricity check	✗	✗	✓	✓	✓
Load-limitation	✗	✗	✗	✓	✓
Recording	✗	✗	✗	✗	✓
Output signal	Canbus / Profibus	Profibus	Profibus	Profibus	Ethernet
Accuracy class	± 0.1 % of full-scale	± 0.1 % of full-scale	± 0.1 % of full-scale	± 0.1 % of full range	± 0.1 % of full-scale
Power supply	110..230 VAC or 24 VDC	110..230 VAC or 24 VDC	110..230 VAC or 24 VDC	110..230 VAC or 24 VDC	110..230 VAC or 24 VDC
Operating temperature	-20..+50 °C	-20..+50 °C	-20..+50 °C	-20..+50 °C	-20..+50 °C
Protection	IP65	IP65	IP65	IP65	IP65
Option	Analogue Output: 4..20 mA	Analogue Output: 0..10V / 4..20mA	Analogue Output: 0..10V / 4..20mA	Analogue Output: 0..10V / 4..20mA	Analogue Output: 0..10V / 4..20mA

Note: Junction box and weighing electronics are included in the same housing