

LOAD LIMITERS AND ELECTRONICS



BRIDGEBOY - 3R

Load limiter with 3 sets points

- overload detection, slack cable and intermediate load detection,
- Combined load of different hoisting devices,
- Analog output signal (0-10V / 4-20mA),
- Test function.

CRANEBOY

Load limiter with 3 set points and display

- Overload, slack cable and intermediate load detection,
- Combined load of different hoisting devices,
- Analog and digital output signals,
- Test button.



COACH DATA

New generation datalogger
Multi purpose data recorder

- Loading and configuration by USB port,
- Analogic (0-10/4-20 mA) inputs and outputs,
- Digital inputs and outputs,
- Removable compact flash card,
- Integrated display,
- RS 232 / Ethernet,
- Power relays,
- Temperature measurement.

Optional:

- Safe wording period software dedicated to crane management
- Alerts via SMS module



EXPLOSION PROOF CABINETS

- Integration of instrumentation inside explosion proof enclosures,
- design, mounting, cabling + ATEX approval.

CE Levage / Hoisting

Ex ATEX CERTIFIED Gas & Dust

SENSY SA

Z.I. de Jumet - Allée centrale - B - 6040 JUMET - BELGIUM

Tél.: +32 71 25 82 00 - Fax: +32 71 37 09 11

Email: info@sensy.com - Internet: www.sensy.com



OFFSHORE & ONSHORE OILFIELD PRODUCTS

LOAD-FORCE-TORQUE-INSTRUMENTATION



ATEX CERTIFIED
GAS & DUST



CLEVIS PINS, LOAD SHACKLES



5000-5300

Standard and custom-made load-pins
0.3-1000 tons
(0.6-2000 klbs)

Measurement of shear forces for:

- mooring systems,
- gusset pin force in coil tubing,
- crane pulley and overhead drive systems,
- hook loads,
- wire-line tension.



5000B

Dynamometric wedge sockets
0.3-20 tons
(0.6-40 klbs)

5000M

Dynamometric shackles
1-1500 tons
(2-3000 klbs)



PANCAKE & THROUGH HOLE, ANNULAR LOAD CELLS



5900

Annular compression load cells (thru hole)
0.3-20 tons
(0.6-40 klbs)

Solutions for:

- monitoring tubing weight and insertion force
- accurate replacement of hydraulic load cells
- monitoring footpad loads of injector head jackstands.

5195

Annular compression load cells (thru hole)
20 tons-500 tons
(40-1000 klbs)



2960

Low profile tension/compression load cells (pancake)
0.3 tons-300 tons
(0.6-600 klbs)

RUNNING LINE & STATIC TENSIMETERS



5560S

- Designed for all deadline tension sensing applications.
- Intrinsically safe 4-20 mA output.

Capacities: 30-45 tons
Diam: 22 mm to 50.8 mm
(7/8" to 2")

5575

- Designed for both moving and static wirelines.
- Ideal for monitoring tension in mooring and positioning applications.
- Can be used till 80 meters/sec speed.
- For wire rope diam. from 18 mm till 50.8 mm (0,71" till 2").

5500

Load-cells on wire rope
0.25-25 tons
(0.25-50 klbs)



TENSION AND TORQUE LOAD CELLS



5205L

Tension load cells
0.3 - 20 tons
(0.6-40 klbs)

Designed for use in:

- power tongs clamping force,
- anchor line tension,
- deadline tension measurement,
- drill pipe and drill collar torque measurement.

5100 L/5105 L

Tension and torque load cells
Presented in submersible version
with internal display.



5100 - 5105

Tension compression load cells
1-3000 tons
(2-6000 klbs)

2-100 tons
(4-200 klbs)

