

Eilon RON 2000 Hook Crane Scale/Shackle Basic Dynamometer

NEW!
Product



Hook Type



Shackle Type
(shown with optional shackles)

(SEE CHART ON BACK OF PAGE FOR PART #'S)



The RON 2000 packs reliability and performance into an economical crane scale/dynamometer. This system features a compact remote LCD display that enhances safety by allowing operators to read results without approaching the load. All models are factory calibrated, include fully traceable certificate, and are easily recalibrated in the field.

Ensuring accurate performance, the RON 2000's compact load cells enable portability and minimal headroom loss for any application. They're constructed of high-strength alloy steel coated with polyurethane for long-lasting reliability. Ensuring safety, each system is proof tested to 200%, and features a 5:1 safety factor.

Ideal for crane or hoist applications up to 20,000 lbs, the RON 2000 is available with a variety of precision-crafted hooks that enable quick connection to the load. Choose shackles for lifting up to 600,000 lbs or measuring horizontal force in tie-down, towing, suspension or side-loading applications. Shackle versions are easily disassembled and transported in a specially fitted carrying case.

Applications

- Lifting equipment proof tests (hoists, winches, etc.)
- Periodic testing of lifting equipment (especially tower cranes)
- Reducing chances of accidents through overload detection and prevention

Standard Features

- User calibration
- 3.5 digit Liquid Crystal Display (LCD)
- Rechargeable batteries, up to 25 hours continuous use
- Low battery warning
- Adjustable zero
- Low headroom

Shackle type additional features

- Special perpendicular hole structure ensures neutralization of external moments
- Carrying case

Options/Accessories

- Load cell with underwater capability (2' max. depth)

NOTE: All options/accessories must be installed at time of order.

SAFETY FACTOR:

Hook Type: 5:1 for load cell. 5:1 for the lifting eye. Average straightening load of the hook is at least 4 times the capacity
Shackle Type: 5:1 for load cell

PROOF LOAD:

Each system tested to 200% of full range (certified)

ACCURACY:

± 0.1% of full range

DISPLAY:

3.5 digit Liquid Crystal Display (LCD), maximum reading 1999

UNITS:

lb (consult factory to order a scale configured/defaulted for other units of measurement)

LOAD CELL:

High strength, aerospace quality, alloy steel, polyurethane
Hook and lifting eye are Crosby-Laughlin or equivalent

POWER:

Rechargeable batteries provide power for up to 25 hours continuous use

CALIBRATION:

Factory calibrated, fully traceable (certificated)
User calibration

TEMPERATURE RANGE:

14°F to 140°F (-10°C to 60°C).

ENVIRONMENTAL:

Weatherproof, NEMA 4, IP65

APPROVALS:

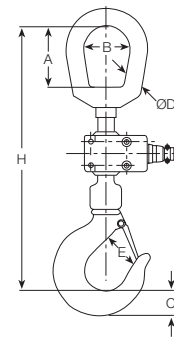
CE marked

WARRANTY:

One year limited warranty

RON 2000 HOOK TYPE

PART #	CAPACITY	A	B	C	D Ø	E	H
68244.....	500 lb x 1.0 lb.....	2.0"	1.5"	0.875"	0.5"	1.0"	10.0"
68245.....	1000 lb x 1.0 lb.....	2.0"	1.5"	0.875"	0.5"	1.0"	10.0"
68246.....	2000 lb x 1.0 lb.....	2.0"	1.5"	0.875"	0.5"	1.0"	10.0"
68247.....	2500 lb x 10.0 lb.....	2.0"	1.5"	0.875"	0.5"	1.0"	10.0"
68248.....	3200 lb x 10.0 lb.....	2.0"	1.5"	0.875"	0.5"	1.0"	10.0"
68249.....	5000 lb x 10.0 lb.....	2.625"	2.0"	1.125"	0.75"	1.125"	11.5"
68250.....	6000 lb x 10.0 lb.....	2.625"	2.0"	1.125"	0.75"	1.125"	11.5"
68251.....	6400 lb x 10.0 lb.....	2.625"	2.0"	1.125"	0.75"	1.125"	11.5"
68252.....	10,000 lb x 10.0 lb.....	3.5"	2.5"	1.5"	1.0"	1.4375"	13.0"
68253.....	20,000 lb x 10.0 lb.....	4.0"	3.125"	2.25"	1.25"	2.25"	19.0"

**RON 2000 SHACKLE TYPE (SHACKLES NOT INCLUDED - refer to catalog page CS-9)**

PART #	CAPACITY	LOAD CELL WEIGHT	ELEC. LEAD LENGTH	H1 MAX.	H2 MAX.	B MAX.	D1 MAX.	D2 MIN.	ANCHOR/SHACKLE
68254.....	500 lb x 1.0 lb.....	0.7 lb (0.3 kg).....	16'	4.8"	3.7"	0.7"	1.2"	0.66"	1/2", 7/16", 3/8"
68255.....	1000 lb x 1.0 lb.....	0.7 lb (0.3 kg).....	16'	4.8"	3.7"	0.7"	1.2"	0.66"	1/2", 7/16", 3/8"
68256.....	2000 lb x 1.0 lb.....	0.7 lb (0.3 kg).....	16'	4.8"	3.7"	0.7"	1.2"	0.66"	1/2", 7/16", 3/8"
68257.....	4000 lb x 10.0 lb.....	0.7 lb (0.3 kg).....	16'	4.8"	3.7"	0.7"	1.2"	0.66"	1/2", 7/16", 3/8"
68258.....	6000 lb x 10.0 lb.....	0.7 lb (0.3 kg).....	16'	5.4"	4.0"	0.75"	1.5"	0.82"	5/8", 1/2"
68259.....	10,000 lb x 10.0 lb.....	1 lb (0.4 kg).....	16'	5.7"	4.2"	1.0"	1.75"	0.9"	3/4", 5/8"
68260.....	20,000 lb x 10.0 lb.....	2.7 lb (1.2 kg).....	16'	7.7"	5.3"	1.6"	2.4"	1.4"	1 1/4", 1 1/8", 1"
68261.....	25,000 lb x 20.0 lb.....	2.7 lb (1.2 kg).....	16'	7.7"	5.3"	1.6"	2.4"	1.4"	1 1/4", 1 1/8", 1"
68262.....	30,000 lb x 20.0 lb.....	5 lb (2.3 kg).....	32'	8.1"	5.3"	1.8"	2.8"	1.4"	1 1/4", 1 1/8"
68263.....	40,000 lb x 20.0 lb.....	5.5 lb (2.5 kg).....	32'	8.7"	5.6"	2.1"	3.2"	1.55"	1 3/8"
68264.....	50,000 lb x 200.0 lb.....	7.3 lb (3.3 kg).....	32'	9.2"	5.9"	2.3"	3.4"	1.7"	1 1/2"
68265.....	60,000 lb x 200.0 lb.....	7.3 lb (3.3 kg).....	32'	9.2"	5.9"	2.3"	3.4"	1.7"	1 1/2"
68266.....	80,000 lb x 200.0 lb.....	16 lb (7.3 kg).....	49'	11.8"	7.6"	2.8"	4.5"	2.3"	2", 1 3/4"
68267.....	100,000 lb x 200.0 lb.....	16 lb (7.3 kg).....	49'	11.8"	7.6"	2.8"	4.5"	2.3"	2", 1 3/4"
68268.....	160,000 lb x 200.0 lb.....	36 lb (16 kg).....	65'	15.8"	10.4"	3.8"	5.7"	3.0"	2 1/2"
68269.....	250,000 lb x 200.0 lb.....	66 lb (30 kg).....	81'	18.0"	11.8"	4.8"	6.5"	3.18"	Crosby #2160, 125t
68270.....	400,000 lb x 200.0 lb.....	121 lb (55 kg).....	98'	22.8"	15.0"	5.7"	8.3"	4.2"	Crosby #2160, 200t
68271.....	500,000 lb x 2000.0 lb.....	227 lb (103 kg).....	98'	31.3"	19.7"	7.0"	10.0"	5.2"	Crosby #2140, 250t or #2160, 300t
68272.....	600,000 lb x 2000.0 lb.....	227 lb (103 kg).....	98'	31.3"	19.7"	7.0"	10.0"	5.2"	Crosby #2160, 300t

