

Digital Load Links | 2,500 - 550,000 Lbs. | EDXtreme

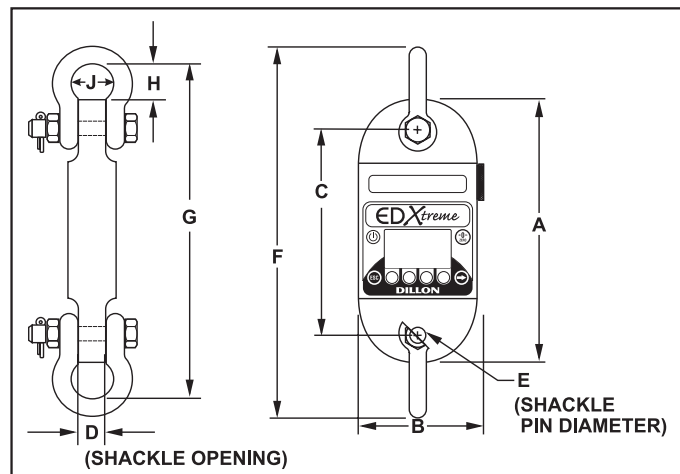

Model EDx-100K

Specifications			
Model Number	Capacity x Resolution	Normal / Enhanced	Body Construction and Overload Design
EDx-25K	25,000 lbf x 20/5	100,000 N x 100/20	Aircraft quality E4340 Alloy Steel 500% Ultimate overload protection
EDx-55K	55,000 lbf x 50/10	250,000 N x 200/50	
EDx-100K	100,000 lbf x 100/20	500,000 N x 500/100	
EDx-220K	220,000 lbf x 200/50	---	Aircraft quality E4340 Alloy Steel 400% Ultimate overload protection
EDx-330K	330,000 lbf x 500/200	---	

Green shading reflects rental inventory.

Dimensions									
Model Number	A in.	B in.	C in.	D in.	E in.	F in.	G in.	H in.	J in.
EDx-25K	11.5	5.3	7.9	2.01	1.38	21.0	18.5	3.50	3.25
EDx-55K	13.7	6.0	9.0	2.91	1.97	28.7	25.2	5.70	4.96
EDx-100K	15.8	6.8	10.3	4.13	2.75	38.8	33.7	8.98	7.09
EDx-220K	18.0	7.8	11.0	5.00	3.25	46.9	40.4	11.14	7.48
EDx-330K	21.0	8.8	12.6	5.25	3.75	53.9	45.6	12.3	9.0

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Weights			
Model	Unit Weight (lbs.)	Weight with Shackles (lbs.)	Approx. Shipping Weight (lbs.)
EDx-25K	16	40	46
EDx-55K	25	96	125
EDx-100K	38	238	296
EDx-220K	70	410	480
EDx-330K	120	650	750
Communicator	1	n/a	10

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Dynamometer Specifications

Enclosure: Designed to NEMA4X/IP55. Suitable for continuous outdoor use.

Accuracy: 0.1% of capacity up to EDx-100K.* 0.3% of capacity for EDx-160K and above.*

Repeatability: 0.1% of capacity up to EDx-100K.* 0.3% of capacity for EDx-160K and above.*

* Normal resolution mode with Dillon provided shackles

Safe overload: 200% of capacity

Body protection: Aluminum and alloy steel capacities are powder painted.

Bearings: Unmatched repeatability attained by needle bearings in shackle pin holes up to EDx-10K. Shackle pin acts as inner race.

Shackles: Forged industry standard anchor shackles. Models up to EDx-10K use precision machined shackle pin. Higher capacities use bar stock pin.

Display: 128 x 64 dot-graphic LCD display shows up to 6 digits 1.0" (26 mm) high plus annunciators and softkeys. Digits are .11 inches (7mm) thick for unmatched readability.

Display update rate: 2 times per second.

Connector: Recessed sealed connector may be used for serial communications or connection to a Communicator remote.

RS-232: Print or extract data easily. Continuous output can drive a scoreboard. Configurable poll character.

Calibration: Traceable to the National Institute of Standards and Technology. Certificate included with curve of readings. Passes only with three consecutive confirming runs, with all points in specification.

Battery Life: 400 hours continuous use with two C-cell alkaline batteries. 150 hours with Radio Link system.

Operating temperature: -4° F to 158° F (-20° to 70° C)

Included with Instrument: All include certificate of calibration, manual and batteries. Plastic carry case included for EDx-2.5 to EDx-100K. Higher capacities include rugged plywood storage crate. Instruments with shackles include centering spacers (EDx-50K & up) and storage crate (EDx-50k to EDx-160K).

Options: Shackles. 2.4 GHz radio board. Display backlight.

Approval: CE, one all capacities excluding 550K.

Communicator Specifications

Enclosure: Designed to NEMA 3 / IP44 with optional sleeve. Suitable for protected outdoor use.

Instrument size: 9.0 x 4.6 x 1.8 inch (228 x 117 x 45mm).

Accuracy: Not applicable. Only sends and receives digital information.

Display: 128 x 64 dot-graphic LCD display can show full readings up to 5 instruments.

Battery life: 80 hours continuous radio using four AA alkaline batteries under typical use.

Operating temperature: -4° F to 158° F (-20° to 70° C)

Connectors: Sealed connectors may be used for serial communications and wired connection to an EDXtreme dynamometer.

RS-232 communication: Print or extract data easily. Continuous output can drive a scoreboard. Configurable poll character.

Included with remote: Carry case and batteries.

Accessories: Rubberized case protector sleeve. Remote wall mount bracket. Serial and remote cable assemblies. External power supply.

Approval: CE

Radio Specifications

FCC Certified: For unlicensed low power devices. No radio licensing or permits required for normal operation.* (In the US and Canada. Check local ordinances in other countries.)

Frequency: 2.4 GHz spread-spectrum operates between 2.402-2.4835 GHz.

Output level: 10 mW (20dBm)

Display update rate: 1 times per second.

Number of networks: 63 remotes can operate independently in the same airspace with unique channels.

Number of links remote can control: Up to 15 addresses are available per network channel.

Configuration: Address and Network channels are front-panel configurable.

Antenna: Integral antenna.

Range: Open-air – Up to 600 feet, line-of-sight. Indoors-dependent upon environment with 300 feet common.