

# Digital Load Links

1/4 - 250 Ton LLX Series Specifications



LLX-TR Model with wireless remote



LLX Series .25-250 ton



## Specifications

Model Number	Capacity lbs (tons)	Accuracy ±lbs (±kg)	Minimum Display lbs (kg)	Max Display lbs (tons)	Height of digits in. (mm)	Weight lbs (kg)	Dimensions in. (mm)
LLX-.25	500 (0.25)	1 (0.5)	0.2 (0.1)	500 (0.25)	0.7 (18)	2.5 (1.1)	75 x 3.2 x 2.2 (190 x 83 x 56)
LLX-.50	1,000 (0.5)	2 (1)	0.4 (0.2)	1,000 (0.5)	0.7 (18)	2.5 (1.1)	75 x 3.2 x 2.2 (190 x 83 x 56)
LLX-1.50	2,500 (1.25)	5 (2.5)	1 (0.5)	2,500 (1.25)	0.7 (18)	2.5 (1.1)	75 x 3.2 x 2.2 (190 x 83 x 56)
LLX-2.5	5,000 (2.5)	10 (5)	2 (1)	5,000 (2.5)	0.7 (18)	3 (1.4)	8.4 x 3.2 x 2.2 (214 x 83 x 56)
LLX-5	10,000 (5)	20 (10)	4 (2)	10,000 (5)	0.7 (18)	4 (1.98)	9.2 x 3.5 x 2.2 (234 x 90 x 56)
LLX-12.5	25,000 (12.5)	50 (25)	10 (5)	25,000 (12.5)	1 (25)	8.4 (3.8)	12.2 x 4.3 x 2.3 (310 x 110 x 58)
LLX-25	50,000 (25)	100 (50)	20 (10)	50,000 (25)	1 (25)	14.5 (6.6)	14.1 x 5.3 x 2.7 (360 x 134 x 68)
LLX-50	100,000 (50)	200 (100)	40 (20)	99,950 (50)	1 (25)	33 (15.1)	17 x 6.5 x 3.9 (440 x 164 x 98)
LLX-100	200,000 (100)	400 (200)	100 (50)	N/A (100)	1 (25)	101 (46)	26 x 10.2 x 4.7 (660 x 260 x 18)
LLX-250	500,000 (250)	1,000 (500)	200 (100)	N/A (250)	1.7 (44)	474 (215)	35.6 x 16.7 x 9.8 (905 x 424 x 18)

*Green shading reflects rental inventory.*

Sales@lgh-usa.com | Rigging



# Digital Load Links

2,500 - 550,000 lbs EDxtreme Dynamometer Specifications

EDxtreme Dynamometer

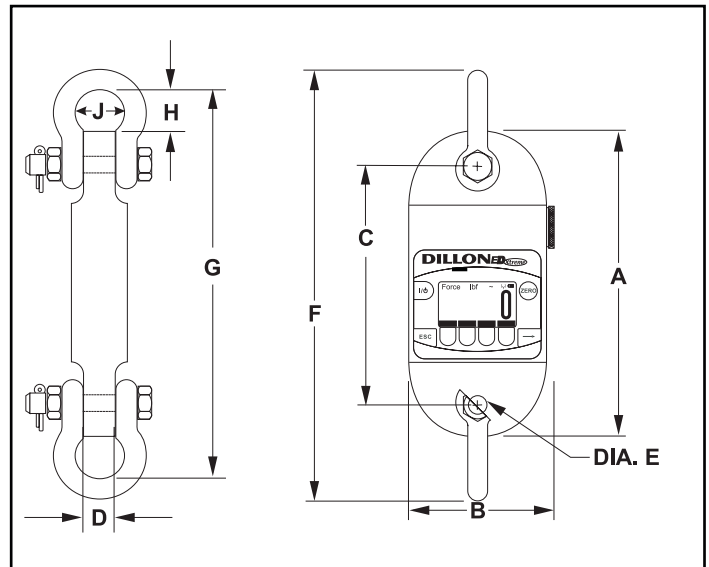


Specifications				
Model Number	Capacity x Resolution		normal/enhanced	Body Construction and Overload Design
EDx-2.5K	2,500 lbf x 2/0.5	1,000 kgf x 1/0.2	10000 N x 10/2	Aircraft quality 2024 Aluminum 700% Ultimate overload protection
EDx-5K	5,000 lbf x 5/1	2,000 kgf x 2/0.5	20000 N x 20/5	
EDx-10K	10,000 lbf x 10/2	5,000 kgf x 5/1	50000 N x 50/10	
EDx-25K	25,000 lbf x 20/5	10,000 kgf x 10/2	10000 N x 100/20	Aircraft quality E4340 Alloy Steel 500% Ultimate overload protection
EDx-50K	50,000 lbf x 50/10	20,000 kgf x 20/5	200000 N x 200/50	
EDx-100K	100,000 lbf x 100/20	50,000 kgf x 50/10	500000 N x 500/100	Aircraft quality E4340 Alloy Steel 400% Ultimate overload protection
EDx-160K	160,000 lbf x 200/50	75,000 kgf x 100/20	—	
EDx-220K	220,000 lbf x 200/50	100,000 kgf x 100/20	—	
EDx-330K	330,000 lbf x 500/200	150,000 kgf x 200/50	—	
EDx-550K	550,000 lbf x 500/200	200,000 kgf x 200/50	—	

Green shading reflects rental inventory.

Dimensions									
Dimensions shown are nominal and subject to tolerances									
Model Number	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	G in. (mm)	H in. (mm)	J in. (mm)
EDx-2.5K	10.6 (269)	5.0 (127)	7.8 (198)	1.06 (26)	0.75 (19)	15.3 (389)	13.4 (340)	1.36 (34)	1.69 (43)
EDx-5K	10.6 (269)	5.0 (127)	7.8 (198)	1.06 (26)	0.75 (19)	15.3 (389)	13.4 (340)	1.36 (34)	1.69 (43)
EDx-10K	11.4 (289)	5.3 (135)	8.1 (206)	1.38 (35)	1.00 (25)	17.8 (451)	15.8 (402)	2.17 (56)	2.28 (58)
EDx-25K	11.5 (291)	5.3 (135)	7.9 (201)	1.97 (50)	1.38 (35)	21.6 (548)	18.8 (478)	3.67 (93)	3.25 (83)
EDx-50K	13.7 (348)	6.0 (152)	9.0 (229)	2.75 (70)	2.0 (51)	29.7 (754)	25.2 (640)	5.7 (146)	5.0 (127)
EDx-100K	15.8 (400)	6.8 (172)	10.3 (262)	3.88 (99)	2.75 (70)	40.5 (1,029)	34.3 (870)	9.3 (235)	7.3 (184)
EDx-160K	16.5 (419)	7.8 (197)	10.3 (262)	3.88 (99)	2.75 (70)	40.5 (1,030)	34.3 (870)	8.9 (225)	7.3 (184)
EDx-220K	18.0 (457)	7.8 (197)	11.0 (280)	5.00 (127)	3.25 (83)	47.7 (1,211)	40.5 (1,027)	11.2 (284)	7.8 (200)
EDx-330K	21.0 (533)	8.8 (222)	12.6 (321)	5.25 (133)	3.75 (95)	53.9 (1,368)	45.6 (1,159)	12.3 (313)	9.0 (229)
EDx-550K	27.0 (686)	9.8 (248)	17.5 (445)	8.5 (216)	5.00 (127)	75.8 (1,925)	62.8 (1,595)	17.9 (454)	13.0 (330)

Green shading reflects rental inventory.



# Digital Load Links

## EDxtreme Dynamometer Specifications

### 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

**Ultimate overload:** See table on reverse.

Safe overload: 200% of capacity

**Body protection:** Aluminum capacities are anodized. Alloy steel capacities are electroless-nickel plated.

**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 / RS-485 communication: 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:** 320 hours typical use with two C-cell alkaline batteries. 40 hours typical with Radio Link system.

**Operating temperature:** -4° F to 140° F (-20° to 60° 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 (ED-x50K & up) and storage crate (EDx-50k to EDx-160K).

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

### 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:** 40 hours radio or 45 wireline using four AA alkaline batteries under typical use.

**Operating temperature:** -4° F to 140° F (-20° to 60° 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.

### 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 2.402-2.478 GHz. Continuously and automatically changes frequencies many times per second for consistent, reliable communications.

**Output level:** 10 mW (20dBm)

Display update rate: 2 times per second with single dynamometer.

Multi-instrument networks result in reduced updates.

**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 300 feet, line-of-sight. Indoors-dependent upon environment with 150 feet common.

Approval: FCC ID: KQL-PKLR2400 CAN ID: CAN2268391158A

Weights						
Model	Unit Weight		Weight with Shackles		Approx. Shipping Weight	
	lb	Kg	lb	Kg	lb	Kg
EDx-2.5K	4.3	2.0	8.6	3.9	13	6
EDx-5K	4.4	2.0	8.7	3.9	13	6
EDx-10K	5.6	2.5	14	6.1	22	10
EDx-25K	16	7.3	40	18	46	21
EDx-50K	25	11	96	43	125	56
EDx-100K	38	17	238	108	296	134
EDx-160K	54	25	250	114	325	145
EDx-220K	70	32	410	186	480	218
EDx-330K	120	54	650	295	750	340
EDx-550K	250	113	1,490	675	1,600	725
Communicator	1	.5	n/a	n/a	10	5

Green shading reflects rental inventory.



# DILLON

**Lifting Gear Hire Corporation | 800.878.7305**

