

ER2 Limit Lock electric chain hoist

- ▶ Up to 5,000 kg load capacity

Individual programmable hook position limits

- ▶ **Easily adjusted using push button control**
- ▶ **Special limit lock feature**
Easily programmable stopping positions for the load
- ▶ **Standard ER2 electro-mechanical switches**
For upper most and lower most travel; plus "soft" limits for preset travel stops
- ▶ **Two positions**
One upper and lower limit position
- ▶ **Improved productivity and efficiency in operation**
The operator can easily lift or lower to the perfect position every time

Setting method

Setting the upper-limit position

- ▶ Stop the hook at the desired upper-limit position
- ▶ Press the EMERGENCY STOP button
Then, hold down the UP button (1st step) for 5 seconds

Setting the lower-limit position

- ▶ Stop the hook at the desired lower-limit position
- ▶ Press the EMERGENCY STOP
Then hold down the DOWN button (1st step) for 5 seconds

To cancel the programmed limit position is every time possible

Cancelling the upper-limit position

- ▶ Press the EMERGENCY STOP button
- ▶ Hold down the UP button for 5 seconds

Cancelling the lower-limit position

- ▶ Press the EMERGENCY STOP button
- ▶ Hold down the DOWN button for 5 seconds

Upper limit position

Individual adjustable upper and lower limit switches. Automatically decelerate to low-speed operation before reaching a limit position.

Automatic speed-reducing operation

Lower limit position

Technical data

Type	Load capacity	Body size	Lifting height	Control cable	Lifting motor		Lifting speed* (m/min)			Load chain diameter	Chain falls	Classification	Headroom C	Weight	Weight for additional 1 m lift
	kg		m	m	Output, kW	Rating (% ED)	50 Hz			mm		FEM/ISO	mm	kg	kg
							High	Low							
ER2-001IH	125	B	3	2.5	0.56	40/20	Standard	16.6	2.8	4.3	1	3m/M6	350	27	0.42
		B	3	2.5	0.56	40/20	Adjustable	16.6	1.4	4.3	1	3m/M6	350	27	0.42
ER2-003IS	250	B	3	2.5	0.56	40/20	Standard	10.8	1.8	4.3	1	3m/M6	350	27	0.42
		B	3	2.5	0.56	40/20	Adjustable	10.8	0.9	4.3	1	3m/M6	350	27	0.42
ER2-003IH	250	C	3	2.5	0.9	40/20	Standard	15.7	2.6	6.0	1	3m/M6	370	36	0.81
		C	3	2.5	0.9	40/20	Adjustable	15.7	1.3	6.0	1	3m/M6	370	36	0.81
ER2-005IL	500	C	3	2.5	0.56	40/20	Standard	4.5	0.8	6.0	1	3m/M6	370	32	0.81
		C	3	2.5	0.56	40/20	Adjustable	4.5	0.4	6.0	1	3m/M6	370	32	0.81
ER2-005IS	500	C	3	2.5	0.9	40/20	Standard	8.5	1.4	6.0	1	3m/M6	370	36	0.81
		C	3	2.5	0.9	40/20	Adjustable	8.5	0.7	6.0	1	3m/M6	370	36	0.81
ER2-010IL	1,000	D	3	2.5	0.9	40/20	Standard	4.2	0.7	7.7	1	2m/M5	430	45	1.33
		D	3	2.5	0.9	40/20	Adjustable	4.2	0.3	7.7	1	2m/M5	430	45	1.33
ER2-010IS	1,000	D	3	2.5	1.8	40/20	Standard	8.2	1.4	7.7	1	2m/M5	430	52	1.33
		D	3	2.5	1.8	40/20	Adjustable	8.2	0.7	7.7	1	2m/M5	430	52	1.33
ER2-016IS	1,600	E	3	2.5	1.8	40/20	Standard	5.3	0.9	10.2	1	2m/M5	510	72	2.3
		E	3	2.5	1.8	40/20	Adjustable	5.3	0.4	10.2	1	2m/M5	510	72	2.3
ER2-020IL	2,000	E	3	2.5	1.8	40/20	Standard	4.3	0.7	10.2	1	1Am/M4	575	73	2.3
		E	3	2.5	1.8	40/20	Adjustable	4.3	0.4	10.2	1	1Am/M4	575	73	2.3
ER2-020IS	2,000	E	3	2.5	3.5	40/20	Standard	8.2	1.4	10.2	1	1Am/M4	590	89	2.3
		E	3	2.5	3.5	40/20	Adjustable	8.2	0.7	10.2	1	1Am/M4	590	89	2.3
ER2-025IS	2,500	F	3	2.5	3.5	40/20	Standard	6.6	1.1	11.2	1	1Am/M4	625	100	2.8
		F	3	2.5	3.5	40/20	Adjustable	6.6	0.6	11.2	1	1Am/M4	625	100	2.8
ER2-032IS	3,200	E	3	2.8	3.5	40/20	Standard	5.2	0.9	10.2	2	1Am/M4	785	105	4.7
		E	3	2.8	3.5	40/20	Adjustable	5.2	0.4	10.2	2	1Am/M4	785	105	4.7
ER2-050IS	5,000	F	3	2.8	3.5	40/20	Standard	3.3	0.6	11.2	2	1Am/M4	850	128	5.6
		F	3	2.8	3.5	40/20	Adjustable	3.3	0.3	11.2	2	1Am/M4	850	128	5.6

*Please note: The high speed is preset to the maximum speed in KITO factory. The speed is adjustable between high and low. Higher load capacities on request.

Type	Load capacity	Dimensions (mm)								
	kg	D	a (MFC*)	b	d (MFC*)	e (MFC*)	f	g	h	i
ER2-001IH	125	430	535 (564)	345	276 (305)	259	284	27	99	117
ER2-003IS	250	430	535 (564)	345	276 (305)	259	284	27	99	117
ER2-003IH	250	430	568 (593)	348	300 (325)	268	283	27	113	106
ER2-005IL	500	490	571 (598)	348	300 (325)	271 (273)	283	27	113	106
ER2-005IS	500	490	568 (593)	348	300 (325)	268	283	27	113	106
ER2-010IL	1,000	550	614 (632)	376	316 (332)	298 (300)	335	31	129	118
ER2-010IS	1,000	550	623 (639)	376	316 (332)	307	335	31	129	118
ER2-016IS	1,600	630	710 (737)	427	372 (397)	338 (340)	384.5	34	160.5	137.5
ER2-020IL	2,000	630	710 (737)	427	372 (397)	338 (340)	384.5	39	160.5	137.5
ER2-020IS	2,000	630	767 (782)	427	411 (426)	356	384.5	39	160.5	137.5
ER2-025IS	2,500	840	800 (826)	445	401 (427)	399	437.5	39	173.5	142.5
ER2-032IS	3,200	920	767 (782)	427	411 (426)	356	397	44	216	82
ER2-050IS	5,000	920	800 (826)	445	401 (427)	399	439	47	231.5	84.5

*With additional, mechanical brake.

