XLNT CYBERHOIST™ Dedicated, intelligent motion control chain hoists

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- XLNT CH250 (1/4 ton, 0-37 m/min (0-2 ft/sec)
- XLNT CH500 (1/2 ton, 0-20 m/min (0-1 ft/sec)
- XLNT CH1000 (1 ton, 0-10 m/min (0-1/2 ft/sec)

Dedicated, intelligent motion control chain hoists

- Versatile combination of load capacity and speed
- Ultra quiet operation with absolute precision
- Flux Vector Drive for smooth movements and True Zero speed without using brakes
- Compliant with international safety standards
- Programmed and ready in minutes
- All intelligent components are built into the compact motor body

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TECHNICAL FEATURES:

KEY FEATURES

Power and intelligence

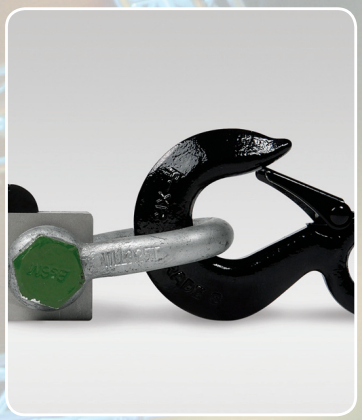
- The combination of absolute and incremental encoders means the motor constantly detects its exact position without requiring pre-calibration
- Flux Vector Drive for smooth acceleration/deceleration, fluid velocity changes, and True Zero speed without using brakes
- Quick leveling with software presets when pre-programmed off-line

Sophistication & Safety

- Individual motor movements controlled by software that also ensures the load on each motor remains within safe limits at all speeds and positions
- Double DC brake
- Optional digital loadcell, viewable on status screen
- Temperature control
- Compliant with international safety standards

Absolute Precision

- Allows programmers to create complex 2D and 3D movements with multiple hoists
- Combined with the XLNT InMotion3D software, CyberHoist moves objects with millimeter perfection, regardless of size or weight, from imperceptibly slow to breathtakingly fast
- 3D oriented programming with optional VectorWorks design interface, allows quick programming within minutes



Product versions, Options and Accessories

Product	XLNT CH250		XLNT CH500		XLNT CH1000	
Product Code	CH250 / SM10.2532ml-F		CH500 / SM10.0516ml-F		CH1000 / SM10.1008ml-F	
Region	400V	208V	400V	206V	400V	206V
Maximum load	250 kg	506 lbs	500 kg	1012 lbs	1000 kg	2024 lbs
Speed range	MIN: 0 mm/min True Zero Speed, brakes not engaged MAX: 37 m/min	MIN: 0 "/min True Zero Speed, brakes not engaged MAX: 2 ft/sec	MIN: 0 mm/min True Zero Speed, brakes not engaged MAX: 20 m/min	MIN: 0 "/min True Zero Speed, brakes not engaged MAX: 1.09 ft/sec	MIN: 0 mm/min True Zero Speed, brakes not engaged MAX: 10 m/min	MIN: 0 "/min True Zero Speed, brakes not engaged MAX: 0.54 ft/sec
Speed increments	Speed variable in steps of 0.1 mm/sec 25 bit resolution	Speed variable in steps of 0.004"/sec 25 bit resolution	Speed variable in steps of 0.1 mm/sec 25 bit resolution	Speed variable in steps of 0.004"/sec 25 bit resolution	Speed variable in steps of 0.1 mm/sec 25 bit resolution	Speed variable in steps of 0.004"/sec 25 bit resolution
Positional accuracy	0.1 mm	0.004"	0.1 mm	0.004"	0.1 mm	0.004"
Chain length	Maximum length 80 m	Maximum length 262 ft	Maximum length 80 m	Maximum length 262 ft	Maximum length 40 m	Maximum length 131 ft
Operating voltage	400V (370-420V)	208V (190-220V)	400V (370-420V)	208V (190-220V)	400V (370-420V)	208V (190-220V)
Nominal motor current	3A	9A	3A	9A	3A	9A
Power supply	3-Phase + earth 230/400V 50-60Hz					
Mains connector	Han™ 10					
Controls	Ethernet					
Data connector	Neutrik EtherCon™					
Encoder type	2048 incremental. 25 bit absolute positioning encoder					
Encoder connection	Integrated in hoist					
Load cell	Optional digital load cell integrated in hoist					
Emergency stop	Via dedicated PSU system hardware and software based					
Limit switches	Dual mechanical safety limits for emergency; multiple software limits					
Brakes	2 mechanical brakes for emergency use. Braking during operation is done through flux Vector drive					
Hoist model	Motor up or motor down (1 T model only, optional)					
Max sound level (at full speed)	57 dB(A) at 1 m	57 dB(A) at 3.28 ft	57 dB(A) at 1 m	57 dB(A) at 3.28 ft	57 dB(A) at 1 m	57 dB(A) at 3.28 ft
Enclosure	Roadproof metal epoxy coated housing					
Weight (including 22m/72ft chain)	92 kg	202.8 lbs	92 kg	202.8 lbs	92 kg	202.8 lbs
Dimensions* (HxWxD)	170 x 630 x 310 mm	6.7" x 24.9" x 12.2"	170 x 630 x 310 mm	6.7" x 24.9" x 12.2"	170 x 630 x 310 mm	6.7" x 24.9" x 12.2"
	*Excluding hook and chain bucket					
Classification	BGV-C1, DIN 56925					

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