



Electric Chain Hoist

Model XL D8+

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**IP66**  
classification

**D8+**  
as SQP2

**STANDARD**  
EN14492-2  
EN17206  
SQP2 2024

D8+ TÜV CERTIFIED

# Xscell

## ELECTRIC CHAIN HOIST

### CAPACITIES

1/2 -1 ton

### LIFT

82 feet +

### SPEED

13 feet/min

### VOLTAGES

208 ~230V-60HZ-3PH

The model XL 1ton D8+ meets all current standard requirements with 8:1 design factor and double brake. The sealed multi-disc friction clutch is installed between the motor shaft and first-stage gear shaft, upstream of the brake assembly which provides mechanical overload protection by automatically slipping when torque exceeds the calibrated preset threshold.

### BENEFITS & FEATURES

#### IP66 RATING

GST Xscell offers protection from dust and high pressure water, ideal for use in outdoor environments.

#### CLUTCH

Designed to prevent damage to the hoist by preventing excessive overloads.

#### 5 POCKET LOAD SPROCKETS

Heat treated load sprockets provide hoist smoother and quiet operation.

#### GEAR TRANSMISSION

Designed for high load capacity, lighter noise and smoother operation.

#### HEAVY DUTY DUAL DC ELECTRIC-MAGNETIC BRAKE

Designed to ensure safety and allow for quick access and easy inspection.

#### COMPATIBLE CONTROL INTERFACE

Comes with 7 pin motor control and 4 pin XLR plugs for control interface compatibility and low voltage control.

#### DUTY CYCLE

H4 duty equivalent (M5) rated for heavy duty application. Light H3 available as an option.

#### ELECTRICAL

Phase reversal protection and motor protection fuse that prevents improper voltage connections.

#### MECHANICAL EXTERNAL LIMIT SWITCH (UPPER and LOWER)

Quick and easy adjustment and prevents over-travel in both directions at any predetermined point when lifting or lowering.

#### RATED LOAD CHAIN (BLACK)

EN818-7 with safety factor 8:1. High-strength, heat-treated load chain with corrosion-resistant finish, maintaining full ductility and fatigue resistance for demanding dynamic lifting environments.

#### ROAD CASE PACKAGED

Convenient to store and travel on the road.

#### WARRANTY: 18 Month



### SPECIFICATIONS

Model	Load Capacity Tons (kg)	Lifting Speed fpm (mpm)	Operating Voltage	FEM Class	Chain Weight/Model Length of Lift lb/ft kg/m	Load Chain EN 818-7 in (mm)	Full Load Amps	Reeving	Motor hp (kW)	Protection Class
XL2-10SC	1 (1000)	13 (4)	208-230-3-60	1Bm	0.74 1.10	9/32 (7.1x21)	2.5	1	1 (0.75)	IP66
XL3-10SC	1 (1000)	13 (4)	208-230-3-60	2m	0.95 1.42	>5/16 (8x24)	2.5	1	1 (0.75)	IP66
XLL-05SC	1/2 (500)	13 (4)	208-230-3-60	2m	0.74 1.10	9/32 (7.1x21)	1.5	1	0.5 (0.37)	IP66

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## Model XL D8+

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### D8+ TÜV CERTIFIED

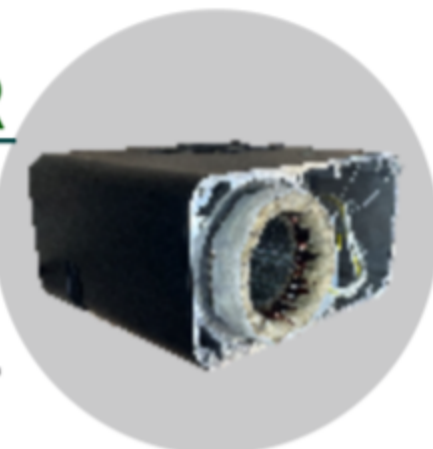
#### 5 POCKET LOAD SPROCKETS

Heat treated load sprockets provide hoist smoother and quiet operation.



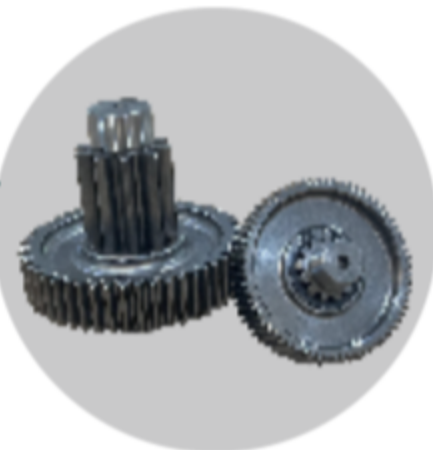
#### LIFTING MOTOR

Aluminum alloy shell, unique heat dissipation system suitable for high frequency operation. Equipped with integrated thermal protection.



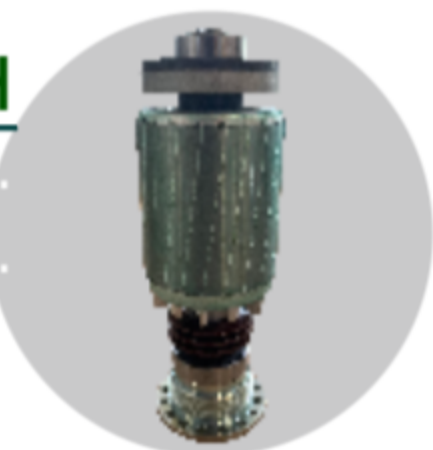
#### GEAR TRANSMISSION

Designed for high load capacity, lighter noise and smoother operation.



#### CLUTCH

Designed to prevent damage to the hoist by preventing excessive overloads, installed between the motor shaft and first-stage gear shaft, upstream of the brake assembly.

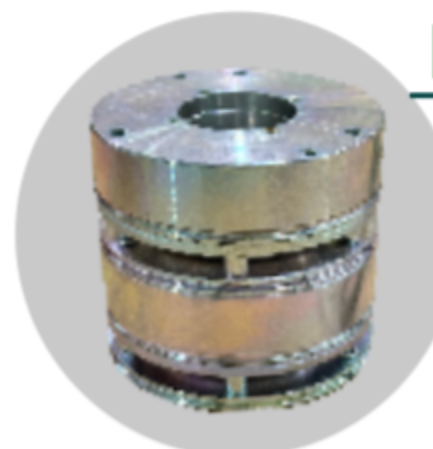


#### CONTROL COMPATIBILITY

7 pin motor control and 4 pin XLR

#### DUAL BRAKE

Designed to ensure safety and allow for quick access and easy inspection. Installed on the first-stage gear shaft for reliable torque transmission. Even in the unlikely event of overload protection failure, the brake system remains fully functional to ensure safe load holding.



#### LIMIT SWITCH

Quick and easy adjustment and prevents over-travel in both directions at any predetermined point when lifting or lowering.



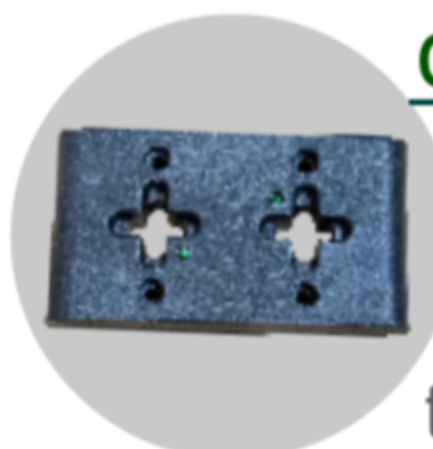
#### LOAD CHAIN (BLACK)

EN818-7 with safety factor 8:1. Heat-treated with anti-corrosion finish. Engineered for optimal toughness and fatigue performance in dynamic lifting applications.



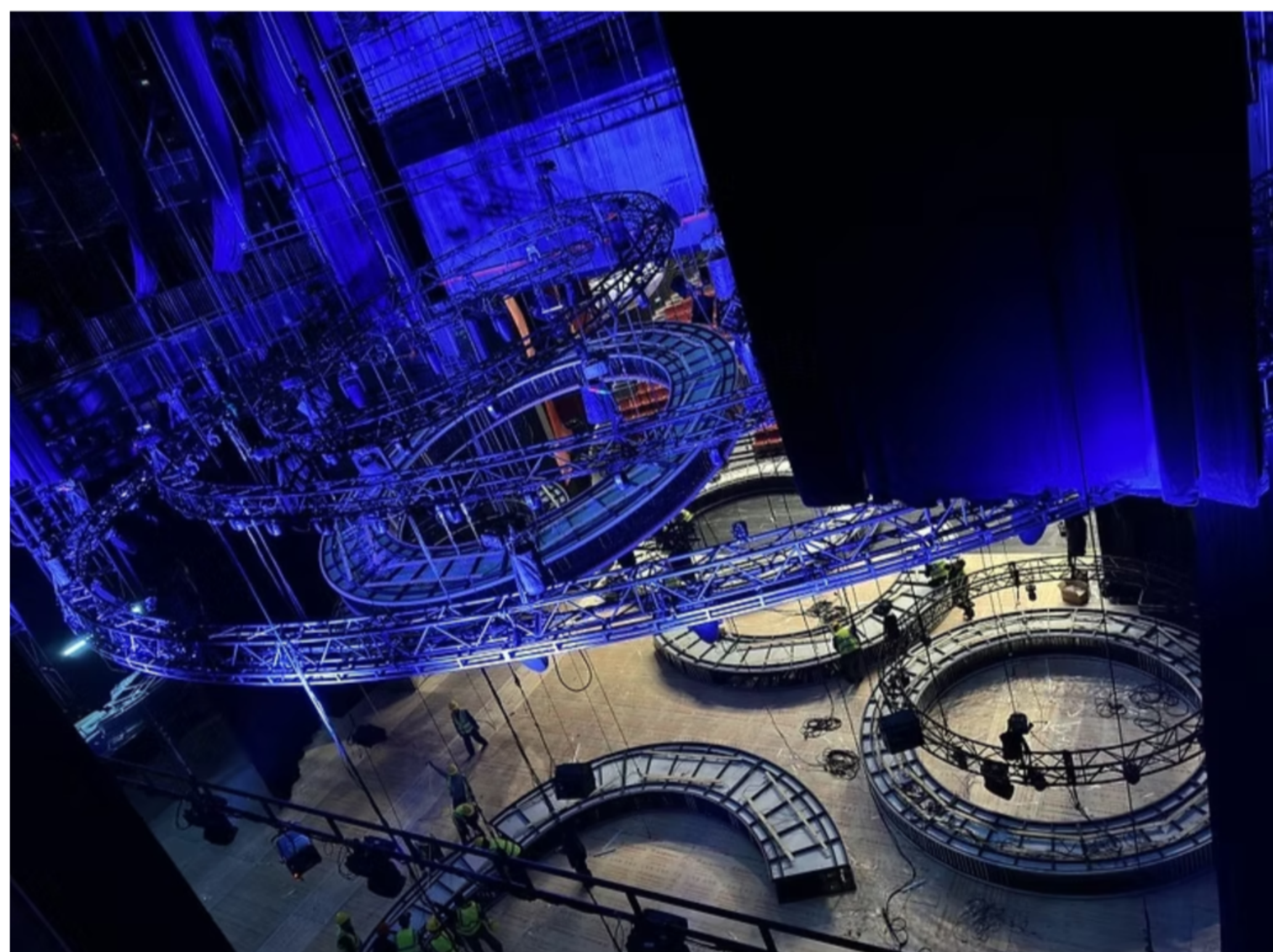
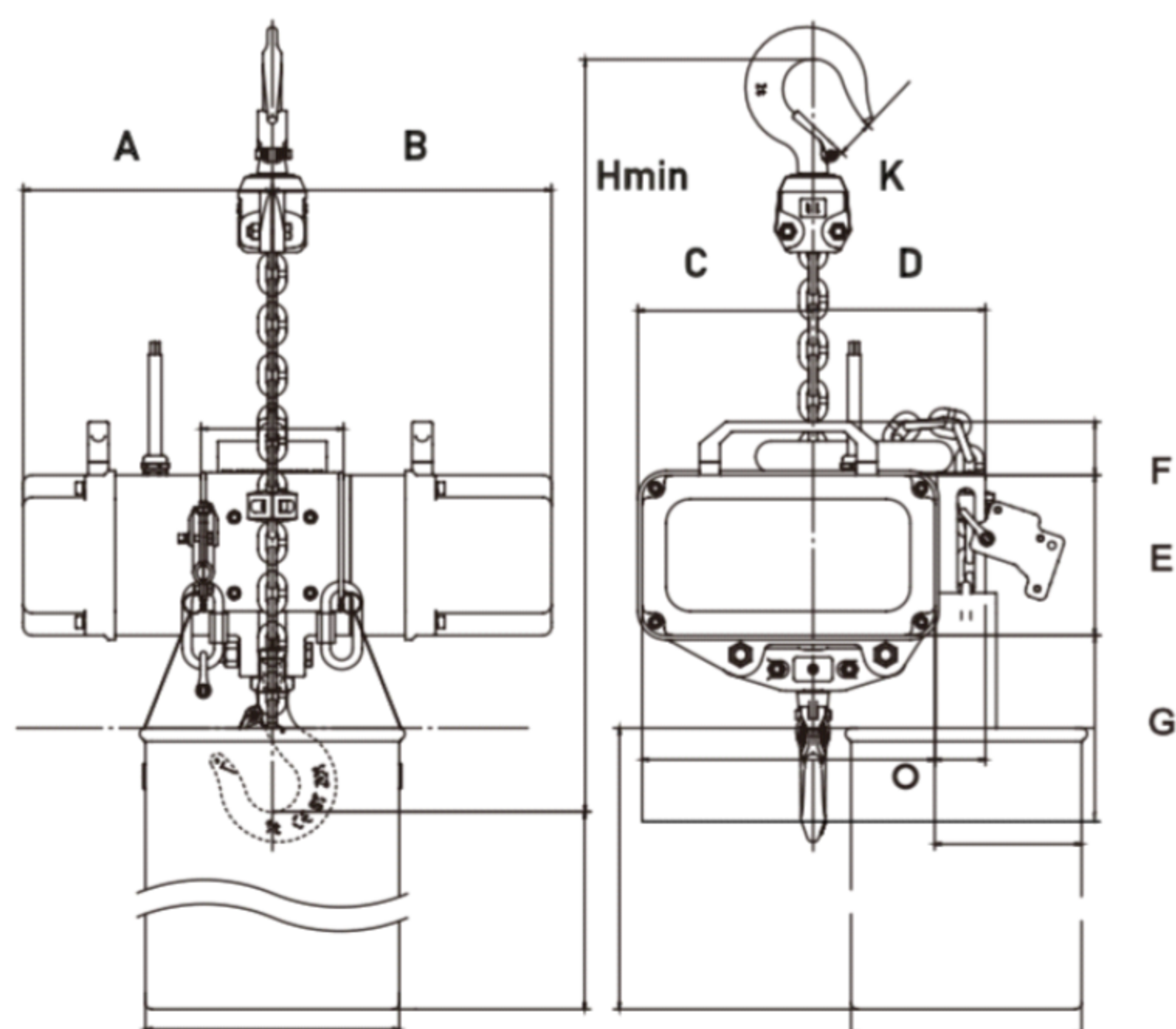
#### CHAIN GUIDE (INT. and EXT.)

Dual layer chain guide design ensures accurate chain entry into the load sprocket. Manufactured from wear-resistant material with high-temperature treatment provides long-term durability.



### DIMENSIONS

Model	Capacity [kg/lb]	Hmin [mm/in]	A [mm/in]	B [mm/in]	C [mm/in]	D [mm/in]	E [mm/in]	F [mm/in]	G [mm/in]	K [mm/in]	Body Weight [kg/lb]
XL2-10SC	1000/2205	600/23-5/8	206/8-1/8	231/9-1/8	145/5-11/16	142/5-9/16	133/5-1/4	44/1-3/4	146/5-3/4	31/1-1/4	29/64
XL3-10SC	1000/2205	585/23-1/16	239/9-7/16	266/10-1/2	169/6-5/8	166/6-9/16	150/5-7/8	44/1-3/4	167/6-9/16	31/1-1/4	47/104
XLL-05SC	500/1102	600/23-5/8	206/8-1/8	231/9-1/8	145/5-11/16	142/5-9/16	133/5-1/4	44/1-3/4	146/5-3/4	31/1-1/4	26/57



### OPTIONAL FEATURES

#### INTEGRATED LOADCELL

Display real-time position coordinates and speed.



#### CONTROL COMPATIBILITY

7-pin motor connector for power and control, plus 4-pin XLR (24V) low-voltage control interface for compatibility with common entertainment control systems.

#### ROAD CASE DIMENSION AND WEIGHT

XL2-10SC: 530x490x600mm/20-7/8"×19-5/16"×23-5/8", 21.5 kg/47.40 lb  
XL3-10SC: 700x590x740mm/27-9/16"×23-1/4"×29-1/8", 35 kg/77.16 lb  
XLL-05SC: 530x490x600mm/20-7/8"×19-5/16"×23-5/8", 21.5kg/47.40 lb



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