

## PLUS-C 250-4

chainhoist in compliance with D8 Plus / igvw SQ P2



The Movecat Plus-C 250-4 electric chain hoist is based on the tried-and-tested Compact series, which has already proved its value in practice. It was developed to satisfy the demanding requirements of working with events equipment and to perform safely and reliably at all times, while combining compact dimensions with lightness for simple and practical handling.

Its principal characteristic is a well balanced central transmission block to which the drive motor is flange mounted directly at the side. This, together with the protected fan wheel, results in optimized heat dissipation and therefore an extended duty cycle. Partly due to the decentralized, modular structure of the lift, it has proved possible to optimize the design of all its components, the upshot being an outstanding laden-to-unladen weight ratio (e.g. Plus-C 250-4 unladen weight only 31 kg incl. 18 m chain).

The Plus-C hoist is equipped with specially developed components such as two independent, maintenance-free brakes and a friction clutch to guard against overload; these guarantee safe and reliable operation even during sustained periods of use. The safety friction clutch, mounted in front of the brakes, is a force- and form-fitted implementation. All the bearing parts offer a design factor of 10:1. The Plus-C hoist complies in every respect with the D8 Plus / igvw SQ P2 guidelines. The Movecat Plus-C makes setting up and dismantling possible as well as installation work without the 'secondary' safety component that would otherwise be required nor the time-consuming 'dead hang' of the system required during D8 applications.

Standard features include a textile chain bag, a robust carrying handle and an improved chain-sparing easyplate chain guide that offers you the choice of using the hoist in a standard installation position or as a climbing hoist without conversion.

The PLUS-C chain hoist is recommended for daily rigging use when setting up and dismantling stage, concert and studio sets in the touring sector as well as in theatres, studios, multi-function halls and trade fair centres.

### TECHNICAL DATA:

Model	PLUS-C
Type	250-4
Carrying Load	250 kg (500 kg <sup>*1</sup> )
Lifting speed	4 m / min (2 m/min <sup>*1</sup> )
Height of stroke	18 m / 24
Numer of load strokes	1 (2 <sup>*1</sup> )
Power supply	400 V / 3 Ph / 50 Hz
Motor power	0,37 KW
Power-on time	50 %
Lifting gear group (ISO/FEM)	
Hoisting unit	1Am / M4
Load chain	2m / M5
Load chain EN 818-7 DAT	5,2 x 15 mm
Independent DC brakes	2
Protection level	IP 54
Measures (L x B x H) without chainhook and -bag	455 x 240 x 170 mm
Weight incl. 18 m chain	31 kg
Weight incl. 24 m chain	34,5 kg

### CONFIGURATION:

Suspension type :	Single-hole eyelet, optional motor hook
Hook implementation:	Hooking gear, optional swivel-adaptor with ring eyelet, hook block for two-chain operation
Load strokes:	1 (2 <sup>*1</sup> convertible for dual-chain operation)
Chain guide:	Easyplate
Chain storage	textile

### OPTIONS:

Trolley	handpushed- und motortrolleys
Limitcontrol	limit switch <sup>*2</sup>
	Incremental encoder <sup>*2</sup>
	Absolute encoder <sup>*2</sup>
Loaddetection	dynamic LMS-system <sup>*2</sup> (DMS-prinziple)
	( <sup>*2</sup> with Controller and addt. Equipment)
Controller	MPC ID8-, ED8-, LD8-, TD8-series, and MRC PD8-series