

## COMPACT 500-4 chainhoist in compliance with BGV D8



The hoists in Movecat's Compact series represent a logical further development of the tried-and-tested Eco series. They were designed to satisfy the classic requirements of normal rigging use: reliable and safe operation, compact dimensions, light weight, simple and convenient handling and optimal service-friendliness.

Their 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 head dissipation and therefore an extended duty cycle. Partly due to the decentralized, modular structure of the lifts, it has proved possible to optimize the design of all their components, the upshot being an outstanding laden-to-unladen weight ratio (e.g. Compact 500-4 unladen weight only 30 kg incl. 18 m chain).

The Compact hoists are equipped with additional newly developed components such as a maintenance-free brake 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 BG- and TÜV-approved, patented, force- and form-fitted implementation.

Further standard features include a textile chain bag, a robust carrying handle and the new, chain-sparing easyplate chain guide that offers you the choice of using the hoist in a standard installation position or as a climbing hoist.

The chain hoists of the Compact series are 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 – everywhere, in fact, where heavy loads need to be borne by lifting gear that is itself light and where safe solutions, naturally, are required for professional applications.

### TECHNICAL DATA:

Model	COMPACT
Type	500-4
Carrying Load	500 kg (1000 kg <sup>*1</sup> )
Lifting speed	4 m / min (2 m/min <sup>*1</sup> )
Height of stroke	18 m / 24m
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	40 %
Lifting gear group (ISO/FEM)	
Hoisting unit	1Am / M4
Load chain	2m / M5
Load chain EN 818-7 DAT	5,2 x 15 mm
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	30 kg
Weight incl. 24 m chain	33,5 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