

## MOVECAT UPstage (DC and RC version)

### Chain hoist in accordance with BGV D8 / DGUV V54

The Movecat UPstage electric chain hoist is based on the tried-and-tested Compact series. The design objective was to satisfy the demanding requirements of use with events equipment and to combine safety of operation with an ultra-compact, lightweight format to guarantee simple and practice-optimized handling. The salient feature is the light metal housing, which is closed on all sides and offers two metal handles, as well as the outstanding laden/unladen weight ratio (e.g. UPstage 500-4 unladen weight only 32 kg incl. 18.4 m chain, chain bag, chain hook and single-hole eyelet). The UPstage hoist is equipped with specially developed components such as a maintenance-free brake and an overload- safety-friction-clutch that guarantee safe and reliable operation even during prolonged use. The safety friction clutch mounted in front of the brake is a force- and form-fitted implementation. The UPstage hoist complies in every respect with the BGV D8

and DGUV V54 standards. The standard equipment includes a textile chain bag (DIN 4102 B1 compliant), robust handles and the improved, chain-sparing Easyplate chain guide that offers the choice of operation in the standard installation position or as a climbing hoist without conversion. The UPstage is available in both DC (direct control 400 V AC) and RC (remote control/ low-voltage 24 V DC) versions and is supplied CE-compliant, tested, and ready for operation. The chain hoist is designed for operation with Movecat phase-changing controllers in accordance with DIN 60204-32 and EN 13849-1 and when used accordingly is certified as CE compliant provided the instructions set out in the user manual are adhered to. A UVV factory inspection by a specialist prior to first use in mobile applications and the VDE 0701/0702 first inspection are also included. The UPstage chain hoist is recommended for day-to-day rigging use when building up and dismantling



stage, concert and studio sets in the touring business as well as in the theatrical, studio, multifunction hall and trade fair sectors.

#### Technical data:

Model	UPstage	Load chain EN 818-7 DAT	5.2 x 15 mm
Model	500-4	DC brake	1
Safe working load (1000 kg*1)	500 (1000*1) kg	Protection rating:	IP 54
Hoisting speed	4 m/min (2 m/min*1)	Dimensions (HE version L x W x H):	
Hoisting height	18 / 24 m	without chain hook and chain container	370 x 240 x 220 mm (DC) 453 x 240 x 220 mm (RC)
Load strands	1 (2*1)	Weight (incl. 18 m chain)	31 kg (DC) 31.5 kg (RC)
Power supply:	400 V / 3-phase / 50 Hz (+/- 5 %)	Weight (incl. 24 m chain)	34.5 kg (DC) 35 kg (RC)
Motor power	0.37 KW	incl. chain bag, chain hook and single-hole eyelet	
Duty cycle	0.4		
Mechanism group (ISO/FEM)			
Hoisting gear	1Am/M4		
Load chain	2m/M5		

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#### Technical features:

Suspension type	single-hole eyelet, optional motor hook
Hook implementation:	chain hook, rotatable
Load strands	1 (2*1 upgradable to 2 chainfalls)
Chain guide	Easyplate
Chain bag	textile (permanently installed)
Handles	2 robust aluminium handles
Motor	force-cooled
Connector cable	DC version 1 m HO7RN-F connector cable with CEE 16 A 4-pin plug (black)  RC version 1 m HO7RN-F connector cable with CEE 16 A 4pin plug (black - Power) and CEE 16 A 4-pin plug (yellow - remote control), optional 6-pin Multipin plug

#### Options / Accessories:

Suspension	Motor hook, swivel adapter with eyelet and hook block for dual chainfall operation
Hoisting height	up to 60 m (1 chainfall)
Internal control	X <sup>2</sup> kit for the internal evaluation of a 2-track geared limit switch in DC mode
Connector cable	Multi-core cable with 6-pin Multipin plug - RC version
Limit switching	2-track geared limit switch for RC and DC* <sup>2</sup> Incremental encoder* <sup>3</sup> Absolute encoder* <sup>3</sup>
Load-sensing	Dynamic LME/LMS system* <sup>3</sup> (strain gauge principle)
Running gear	Manual and electric trolleys
Controller (DC)	MPC ID8, ED8, LD8, TD8 and MRC PD8 DC series
Controller (DC)	MPC ID8, ED8, LD8 RC series
Miscellaneous	Transport case, rain cover (* <sup>2</sup> with x <sup>2</sup> -Kit or I-Controller and additional equipment, * <sup>3</sup> only I-Controller and additional equipment)
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