

PLUS chain hoists

in compliance with D8 Plus / igvw SQ P2



MOVECAT PLUS hoists were created for daily rigging use in the assembly and disassembly of stage, concert and studio equipment in the touring, theatre, studio, multi-function hall and trade fair sectors and represent the ideal and safe solution for professional applications, thanks their highly compact dimensions, light weight and a large number of other features that have proved highly effective in the ECO series.

Equipped with the chain-sparing, quiet EasyMove chain guide, two independent DC brakes and a patented overload mechanism, and maintaining a safety factor of „10“ on all mechanical parts, the hoists are fully compliant with the new D8 Plus guidelines in accordance with the igvw SQ P2 code of practice issued by the igvw in March 2010. In terms of their mechanical structure as well as from a technical

perspective, however, they are BGV C1 hoists and can be upgraded at any time by selecting the BGV C1 Upgrade Option.

The chain hoists of the MOVECAT PLUS D8 Plus / igvw SQ P2 series can be used for assembly and disassembly as well as installation work without the otherwise necessary 'secondary safety component' or time-consuming 'dead-hanging' of the system in the course of D8 applications.

PLUS hoists are delivered with two robust handles and a detachable chain-bag as standard, but versions optimized for fixed installation are also available. In the standard configuration, they can be operated without modification as climbing hoists or as ceiling installations.

TECHNICAL DATA:	PLUS 125-4	PLUS 125-6	PLUS 250-10	PLUS 500-4	PLUS 800-6	PLUS 1250-8
Carrying load	125 kg (*250 kg)	125 kg (*250 kg)	250 kg (*500 kg)	500 kg (*1000 kg)	800 kg (*1600 kg)	1250 kg (*2500 kg)
Lifting speed 50 Hz app.	4 m / min (*2 m / min)	6 m / min (*3 m / min)	10 m / min (*5 m / min)	4 m / min (*2 m / min)	6m / min (*3m / min)	8 m / min (*2 m / min)
Height of stroke	18 m	18 m	18 m	18 m	18 m	18 m
Number of load chains	1 (*2)	1 (*2)	1 (*2)	1 (*2)	1 (*2)	1 (*2)
Power supply	400 V / 3 Ph / 50 Hz	400 V / 3 Ph / 50 Hz	400 V / 3 Ph / 50 Hz	400 V / 3 Ph / 50 Hz	400 V / 3 Ph / 50 Hz	400 V / 3 Ph / 50 Hz
Protection level	IP 54 / Class F	IP 54 / Class F	IP 54 / Class F	IP 54 / Class F	IP 54 / Class F	IP 54 / Class F
Motor power	0,18 kW	0,27 kW	0,75 kW	0,75 kW	3,00 kW	3,00 kW
2 independent brakes	X	X	X	X	X	X
Power-on time/ Switch-on per hour	40 % / 150	40 % / 150	40 % / 150	40 % / 150	40 % / 150	40 % / 150
Type of control	direct	direct	direct	direct	direct	direct
Suspension	motor + chain hook	motor + chain hook	motor + chain hook	motor + chain hook	motor + chain hook	motor + chain hook
Chain guide	Easymove	Easymove	Easymove	Easymove	Easymove	Easymove
Installation option	standard + clamber hoist	standard + clamber hoist	standard + clamber hoist	standard + clamber hoist	standard + clamber hoist	standard + clamber hoist
Transport handles	2	2	2	2	2	2
Chain storage	removable	removable	removable	removable	removable	removable
Load chain according DIN 5684-8	4 x 12 mm	4 x 12 mm	5 x 12 mm	7 x 22 mm	9 x 27 mm	11 x 31 mm
Weight with an 18 m chain	23 kg	23 kg	53 kg	55 kg	101 kg	142 kg
Measures (L x W x H) without Chainhook	380 x 196 x 275 mm	380 x 196 x 275 mm	440 x 343 x 372 mm	440 x 343 x 372 mm	569 x 435 x 490 mm	599 x 435 x 490 mm
OPTIONS:						
Height of stroke 24 m / up to max. 60 m (1p) ^B .	*	*	*	*	*	*
Lug suspension instead of motor hook	*	*	*	*	*	*
Two speeds	-	-	-	-	6 / 1.5 (*3 / 0,75) m / min	6 / 1.5 (*3 / 0,75) m / min
Integr. Contactor control 24 V DC	*	*	*	*	*	*
Adjustable operation limit switch	*2 / *4	*2 / *4	*2 / *4 / *6	*2 / *4 / *6	*2 / *4 / *6	*2 / *4 / *6
Incremental- + absolutencoder	*	*	*	*	*	*
Load measuring system	*	*	*	*	*	*
Controls	MPC 4E / ID8 + MRCxED8	MPC 4E / ID8 + MRCxED8	MPC 4E / ID8 + MRCxED8	MPC 4E / ID8 + MRCxED8	MPC 4E / ID8 + MRCxED8	MPC 4E / ID8 + MRCxED8

* possible

- not possible

X included