

MECHCHAIN PRO II™

Easy-to-manoeuver lifting unit for professional lifting

Mechchain Pro II™ is an extremely easy-to-manoeuver lifting unit for professional lifting. Frequency control gives a stepless lifting speed controlled by a joystick.

Mechchain Pro II™ combines high precision with an impressive lifting speed!



MECHCHAIN PRO II™ gives you:

- a well-controlled and precise lifting movement
- an extremely low ceiling height, enabling installation also in cramped work spaces

TYPICAL APPLICATION AREAS:

- general lifting with slings or hooks
- lifting within general industry
- assembly work requiring high precision lifting
- material handling with customized grippers
- packing onto pallets and roller conveyors

Smooth frequency controlled chain lifter

Smooth and easily manoeuvred

Mechchain Pro II is an extremely easy-to-manoeuver lifting unit for professional lifting. Frequency control gives a stepless lifting speed controlled by a joystick. Mechchain Pro II combines high precision with an impressive lifting speed.

Low installation height

This lifting unit is suitable when a well-controlled and precise movement is required. Integrated in its travelling carriage, it has the lowest required ceiling height on the market, enabling installation also in cramped work spaces.

Integrated PLC & optional remote control

Mechchain Pro II has an integrated PLC which simplifies customized features. It is also possible to select remote control in cases where this facilitates handling.

Encoder

Mechchain Pro II may optionally be equipped with an encoder that reads the axle in the spindle limit switch. This makes it possible to set a lower stop position, as well as a further two stop/start positions along the stroke. The positions are stored in a built in memory in the frequency converter and are not erased in case of power cuts.

Control units in aluminium

For high availability also in challenging environments, Mechchain Pro II has been equipped with control units in aluminium with quick connect to the control cable. There is also a selection of standard brackets as option, for easy mounting on gripper tools or vacuum yokes.

Suitable for many environments

Mechchain Pro II is available in weight classes: 63-80-125-160-225 kg. Typical application areas are general lifting with slings or hooks, lifting within general industry, assembly work requiring high precision lifting, material handling with customized grippers, packing onto pallets and roller conveyors.

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*Mechchain Pro II
combines high precision
with an impressive
lifting speed.*

”

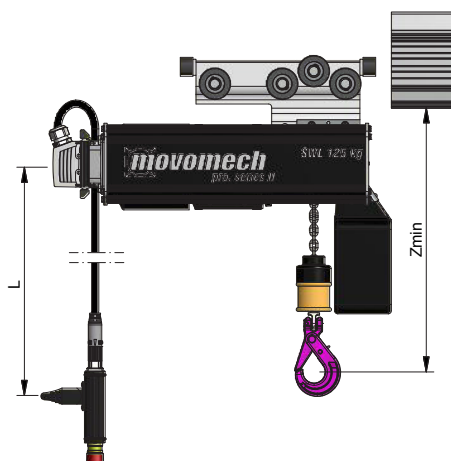
movomech



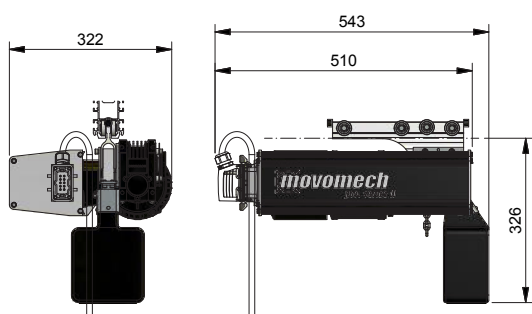
Max last 63kg



63
80
125
160



63-80-125-160 kg Max load SWL
5 m Stroke
420 mm Height Z_{min}
1x230V, N, PE Voltage
0,37 kW Motor output
10AT Fuse
IP54 Enclosure class
3m/M6 Mechanism group
20 kg Tare weight



742954

1. Base model #

Mechchain Pro II LHB 742954

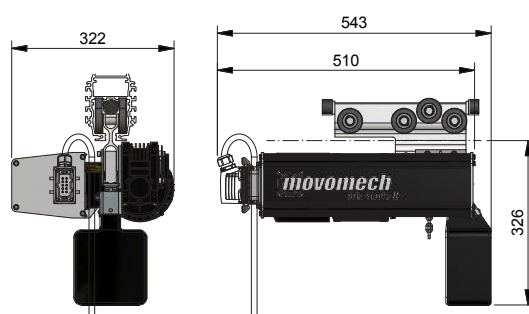
Fits profile: LHB



743010



743009



742912

1. Base model #

Mechchain Pro II AHB 742912

Fits profile: PHB1, AHB140, AHB190



743010/-08/-06



743009/-07/-05

2. Configuration SWL v (m/min) #

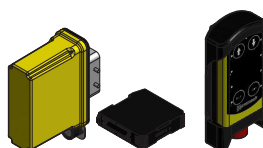
Standard hook	63 kg	0-16	743010
Safety hook	63 kg	0-16	743009
Standard hook	80 kg	0-15	743008
Safety hook	80 kg	0-15	743007

v: lifting speed

2. Configuration SWL v (m/min) #

Standard hook	63 kg	0-16	743010
Safety hook	63 kg	0-16	743009
Standard hook	80 kg	0-15	743008
Safety hook	80 kg	0-15	743007
Standard hook	125 kg	0-12	743006
Safety hook	125 kg	0-12	743005
Standard hook	160 kg	0-10	744724
Safety hook	160 kg	0-10	744725

v: lifting speed

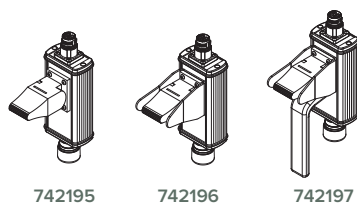


743024

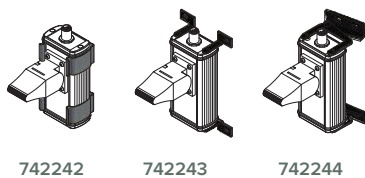
3. Remote control #

Remote control, incl charger 743024

4. Control cable	#
Control cable L=2,5 m	742955
Control cable L=3,0 m	742956
Control cable L=3,5 m	742957
Control cable L=4,0 m	742958
Control cable L=4,5 m	742959



5. Control unit	#
With emergency stop	742195
With emergency stop + protection	742196
With em. stop + protection + handle	742197

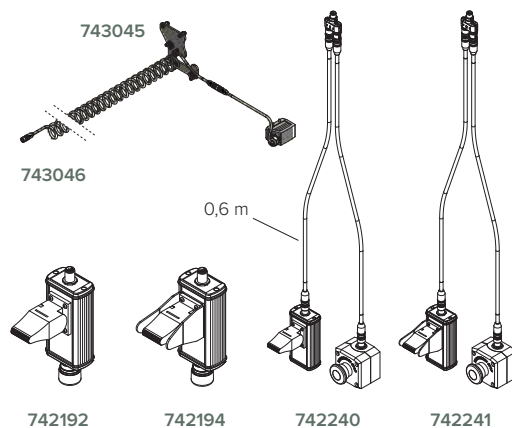


A. Option	Unit	#
Mounting clamp	pc	742242
Wall bracket	set	742243
Adjustable wall bracket	set	742244

C. Option	#
Encoder	742953

- The encoder simplifies positioning in the Z direction.
- Mounted in the rotary limit switch.
- Teach-in function.
- Connected directly to Mechchain Pro II (no external PLC).

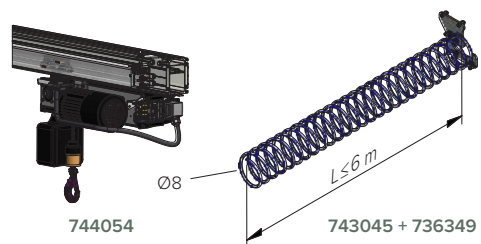
4. Control cable (spiral)	#
Spiral cable L=0,7-3,0 m	743046
Bracket for spiral hose/cable	743045



5. Control unit for spiral cable	#
With emergency stop	742192
With emergency stop + protection	742194
With separate em. stop	742240
With separate em. stop + protection	742241



B. Option	#
Balancer for cable	733243

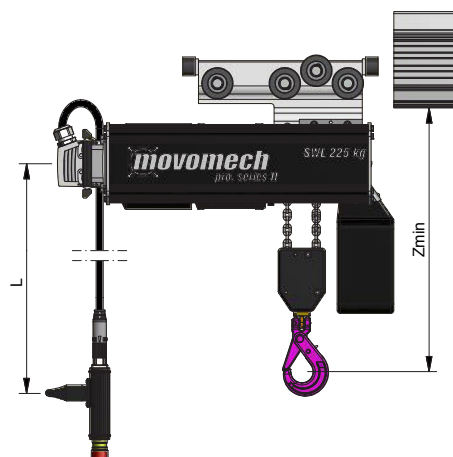


D. Option	#
Spiral hose	736349
Bracket for spiral hose/cable	743045
Current collector for power rail	744054

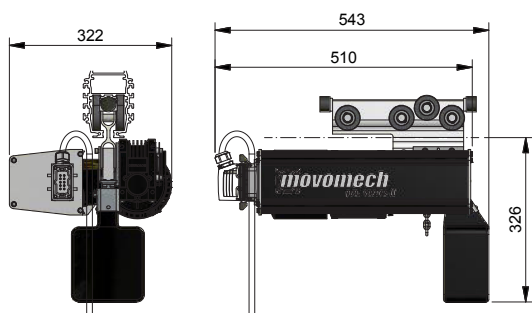
1 + 2 + 4 + 5 + (A/B/C/D) : Mechchain Pro II specification

1 + 2 + 3 + (C/D) : Mechchain Pro II specification, remote control

225



225 kg Max load SWL
3,5 m Stroke
420 mm Height Z_{min}
1x230V, N, PE Voltage
0,37 kW Motor output
10AT Fuse
IP54 Enclosure class
3m/M6 Mechanism group
20 kg Tare weight



742912



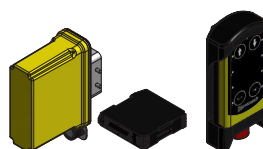
743004

1. Base model	#
Mechchain Pro II AHB	742912

2. Configuration	SWL	v (m/min)	#
Safety hook	225 kg	0-7	743004

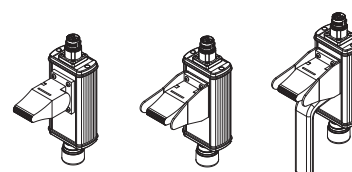
Fits profile: PHB1, AHB140, AHB190

v: lifting speed



743024

3. Remote control	#
Remote control, incl charger	743024



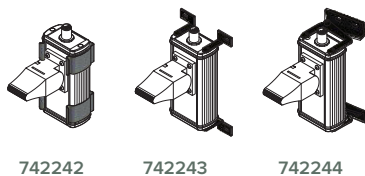
742195

742196

742197

4. Control cable	#
Control cable L=2,5 m	742955
Control cable L=3,0 m	742956
Control cable L=3,5 m	742957
Control cable L=4,0 m	742958
Control cable L=4,5 m	742959

5. Control unit	#
With emergency stop	742195
With emergency stop + protection	742196
With em. stop + protection + handle	742197



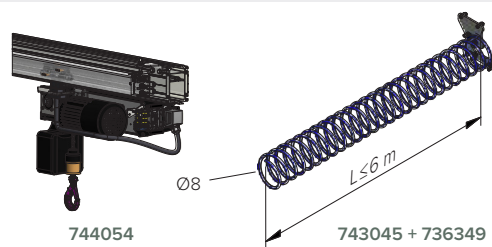
A. Option	Unit	#
Mounting clamp	pc	742242
Wall bracket	set	742243
Adjustable wall bracket	set	742244

C. Option	#
Encoder	742953

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- Mounted in the rotary limit switch.
- Teach-in function.
- Connected directly to Mechchain Pro II (no external PLC).



B. Option	#
Balancer for cable	733243



D. Option	#
Spiral hose	736349
Bracket for spiral hose/cable	743045
Current collector for power rail	744054

1 + 2 + 4 + 5 + (A/B/C/D) : Mechchain Pro II specification

1 + 2 + 3 + (C/D) : Mechchain Pro II specification, remote control

WORLD-CLASS LIFTING SOLUTIONS



Movomech AB +46 (0)44 28 29 00
www.movomech.com