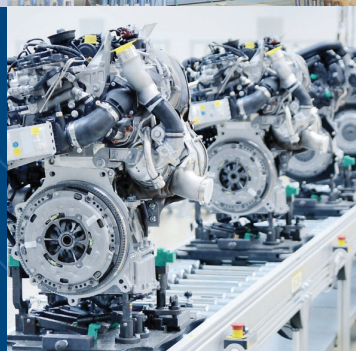


MECHCHAIN PRO II™

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-maneuver 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.

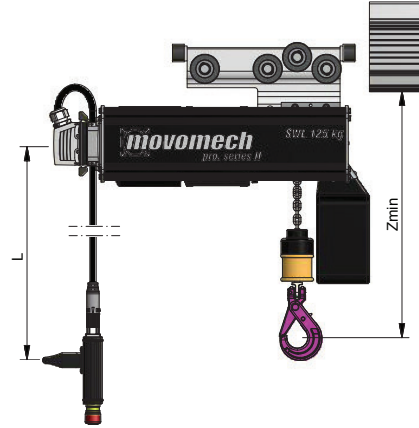
”

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

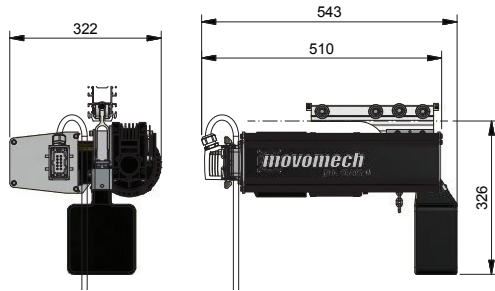
”



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

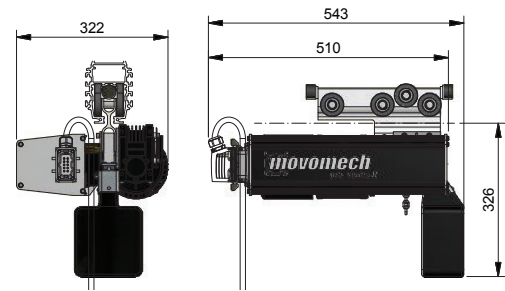


743010

743009

| 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



742912

| 1. Base model | # |
|----------------------|--------|
| Mechchain Pro II AHB | 742912 |

Fits profile: PHB1, AHB140, AHB190

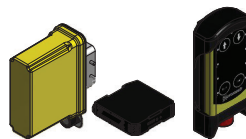


743010/-08/-06

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 |
| 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 |

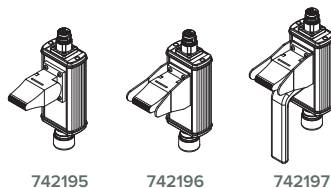
v: lifting speed



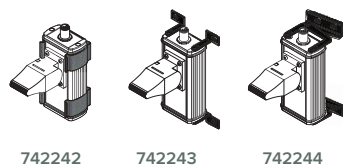
743024

| 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 |

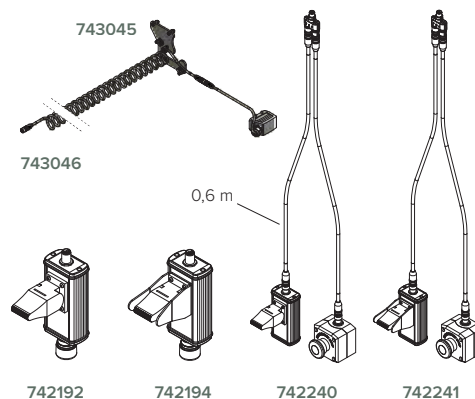


| A. Option | Unit | # |
|-------------------------|------|--------|
| Mounting clamp | pc | 742242 |
| Wall bracket | set | 742243 |
| Adjustable wall bracket | set | 742244 |

| 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).

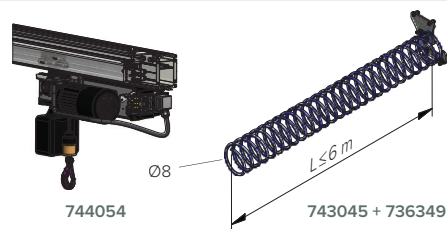
| 4. Control cable (spiral) | # |
|-------------------------------|--------|
| Spiral cable L=0,7-3,0 m | 743046 |
| Bracket for spiral hose/cable | 743045 |



| 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 |

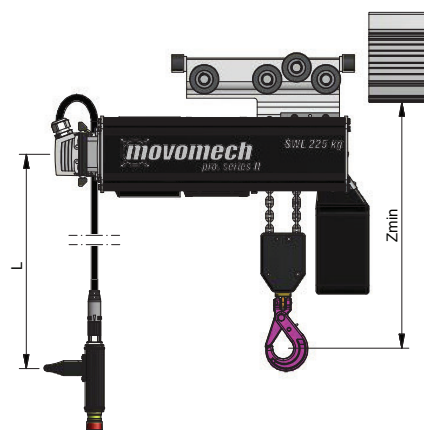


| D. Option | # |
|----------------------------------|--------|
| Spiral hose | 736349 |
| Bracket for spiral hose/cable | 743045 |
| Current collector for power rail | 744054 |

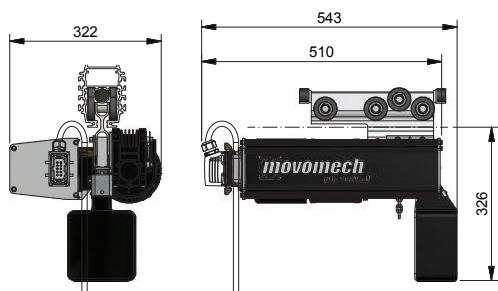
1 + 2 + 4 + 5 + (A/B/C/D) : Mechchain Pro II specification

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



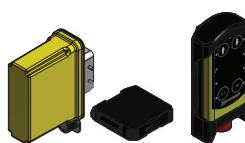
743004

| 1. Base model | # |
|----------------------|--------|
| Mechchain Pro II AHB | 742912 |

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

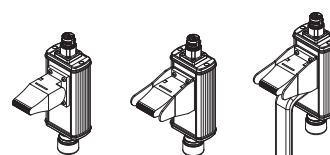
Fits profile: PHB1, AHB140, AHB190

v: lifting speed



743024

| 3. Remote control | # |
|------------------------------|--------|
| Remote control, incl charger | 743024 |



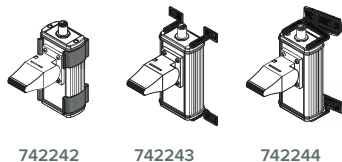
742195

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 |



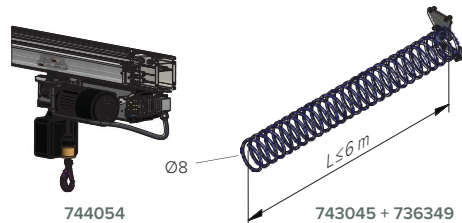
| A. Option | Unit | # |
|-------------------------|------|--------|
| Mounting clamp | pc | 742242 |
| Wall bracket | set | 742243 |
| Adjustable wall bracket | set | 742244 |

| C. Option | # |
|-----------|--------|
| Encoder | 742953 |

- 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).



| 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



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