ergoSwiss
engineering better workspaces

New products, lifting systems and accessories



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FURTHER TECHNICAL INFORMATION ONLINE

- CAD data
- Data sheets
- Operating and installation instructions
- System configurator

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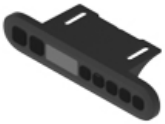
NEW PRODUCTS

LIFTING SYSTEM EA

LiteLine







Lifting system EA
EU, CH, UK 42

Art. No. 801.20203-PP01 (2 Lifting columns) consisting of:
- 1x 801.00037-PP02 Lifting column EA 1665 S 2x
- 1x 801.10043-PP01 Control box set EA2

Art. No. 801.20263-PP01 (4 Lifting columns) consisting of:
- 2x 801.00037-PP02 Lifting column EA 1665 S 2x
- 1x 801.10043-PP01 Control box set EA2

In combination with the simple 2- or 4-channel control unit with wide-range power supply (100–240 V), lightweight and cost-effective industrial workstations can be implemented.

The EA lifting column consists of 3 powder coated steel profiles, a polymer linear guide system and an electromechanical spindle drive.

Technical data

• Max. load capacity for 1 Lifting column	100 kg
• Max. load capacity for 2 Lifting columns	200 kg
• Max. load capacity for 4 Lifting columns	400 kg
• Max. tensile load per lifting column	5 kg
• Max. static bending moment	Mbxstat = 400 Nm
• Max. dyn. bending moment	Mbydyn = 150 Nm
• Lifting speed	20 mm/s
• Installation length	585 mm
• Stroke length	650 mm
• Extended length	1'235 mm

- Colour: RAL 9006 silver, powder-coated

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Frame EA

LiteLine





Frame EA
EU, CH, UK 42

Art. No. 801.30203-PP01 (2-leg) consisting of:
- 1x 801.00037-PP02 Lifting column EA 1665 S 2x
- 1x 801.10043-PP01 control box set EA2 EU CH UK 42
- 1x 801.70052-PP01 Set for Frame EA2 900-1550 S

Art. No. 801.30263-PP01 (4-leg) consisting of:
- 2x 801.00037-PP02 Lifting column EA 1665 S 2x
- 1x 801.10143-PP01 control box set EA4 EU CH UK 42
- 1x 801.70062-PP01 Set for Frame EA4 900-1550 S

Spare parts / Accessories

Hand switch E-M1
Art. No.: 124.00861-PP01

Motor cables EA 2m 2x
Art. No.: 124.00871-PP02

Table plate support EA2 2x
Art. No.: 127.00801-PP02

Table plate support EA4 2x
Art. No.: 127.00811-PP02

Power cable-Set EA2 EU CH UK US
Art. No.: 124.00885-PP01
- 1x 124.00881 Power cable EA2 EU/CH
- 1x 124.00883 Power cable EA2 UK
- 1x 124.00884 Power cable EA 2 US

Power cable-Set EA4 EU CH UK US
Art. No.: 124.00895-PP01
- 1x 124.00891 Power cable EA4 EU
- 1x 124.00892 Power cable EA4 CH
- 1x 124.00893 Power cable EA4 UK
- 1x 124.00894 Power cable EA4 US

Lifting column SA

LiteLine



Lifting system SA
EU Art. No. 921.20002 (2 Lifting columns)
EU Art. No. 921.20004 (4 Lifting columns)
CH Art. No. 921.20102 (2 Lifting columns)
CH Art. No. 921.20104 (4 Lifting columns)

The SA system is used for light industrial workstations, workbenches, control room workstations, etc.

The SA lifting column consists of a powder coated steel profile with polymer linear guides. The inner profile is moved by an internal spindle drive.

Up to 2 lifting columns can be connected to the LiteLine 2-channel control unit 110–230 V, or up to four lifting columns to the LiteLine 4-channel control unit 110–230 V.

Technical data

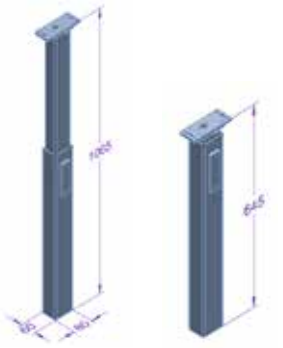
- Max. load capacity for 1 Lifting column 150 kg
- Max. load capacity for 2 Lifting columns 300 kg
- Max. load capacity for 3 Lifting columns 300 kg
- Max. load capacity for 4 Lifting columns 400 kg

- Max. tensile load per Lifting column 5 kg

- Max. static bending moment Mbxstat = 600 Nm
  Mbystat = 300 Nm
- Max. dyn. bending moment Mbxdyn = 300 Nm
  Mbydyn = 150 Nm

- Lifting speed 20 mm/s
- Installation length 420 mm
- Stroke length 645 mm
- Extended length 1'065 mm

- Colour: RAL 9010 silver, powder-coated



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Lifting column SC

LiteLine



Lifting system SC
EU Art. No. 922.20002 (2 Lifting columns)
EU Art. No. 922.20004 (4 Lifting columns)
CH Art. No. 922.20102 (2 Lifting columns)
CH Art. No. 922.20104 (4 Lifting columns)

The mounting T-slots on two sides (width 8 mm) allow crossbars, intermediate shelves, attachments and superstructures to be fitted along the entire length of the legs.

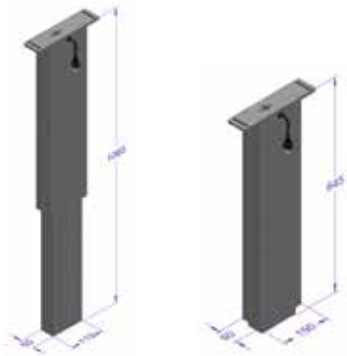
The SC system is used in light industrial workstations, control room workstations, assembly tables, assembly lines, office desks and, more generally, in furniture and mechanical engineering.

The SC lifting column consists of a colourless anodised aluminium profiles with polymer linear guides. The inner profile is moved by an internal spindle drive.

Up to 2 lifting columns can be connected to the LiteLine 2-channel controller 110–230 V, or up to four lifting columns to the LiteLine 4-channel control unit 110–230 V.

Technical data

• Max. load capacity for 1 Lifting column	150 kg
• Max. load capacity for 2 Lifting columns	300 kg
• Max. load capacity for 3 Lifting columns	300 kg
• Max. load capacity for 4 Lifting columns	400 kg
• Max. tensile load per Lifting column	5 kg
• Max. static bending moment	Mbxstat = 700 Nm Mbystat = 400 Nm
• Max. dyn. bending moment	Mbxdyn = 200 Nm Mbydyn = 150 Nm
• Lifting speed	20 mm/s
• Installation length	420 mm
• Stroke length	645 mm
• Extended length	1'065 mm



Lifting column SL 450 mm stroke length

PerformanceLine



Lifting column SL 1x45
1445 Art. No. 901.00012
1345 Art. No. 901.01112

A new product in our SL range of lifting columns with a **stroke length of 450 mm.**

The SL system is used in assembly tables, assembly lines, office desks and in general furniture and machine construction.

The mounting grooves on three sides (8 mm wide) allow crossbars, intermediate shelves, attachments and add-on structures to be fitted along the entire length of the leg.

The SL lifting column consists of two colourless anodised aluminium profiles with polymer linear guides.. The inner profile is moved by an internal spindle drive.

Up to 4 spindle lifting columns can be connected to a control box and operated synchronously.

Technical data

- Max. load capacity for 1 Lifting column 200 kg / 300 kg
- Max. load capacity for 2 Lifting columns 400 kg / 600 kg
- Max. load capacity for 3 Lifting columns 400 kg / 750 kg
- Max. load capacity for 4 Lifting columns 1'000 kg

- Max. tensile load per Lifting column 5kg
- Max. static bending moment Mbxstat = 1'200 Nm
  Mbystat = 450 Nm
- Max. dyn. bending moment Mbxdyn = 300 Nm
  Mbydyn = 150 Nm

- **Lifting speed** **6-8 or 20 mm/s**
- Installation length 630 mm
- Stroke length 450 mm
- Extended length 1'080 mm

Accessories
Safety / Pinch Point Cover Art. NO. 128.00090



Compatible with all SL lifting columns

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Lifting column SL FIX

Lifting column SL FIX
2440 Art. No. 901.91005-PP1



For workstations that do not need to be adjusted in height, or only rarely. Ready for immediate dispatch from stock.

- Max. load capacity 300 kg
- Installation length 630 - 1030 mm
- Manually adjustable in 25 mm increments

Packaging:

- Carton box 660 x 367 x 165 mm

SINGLE COLUMN SNT

PerformanceLine



Lifting system SNT 1770 (Installation length: 560 mm)
EU Art. No. 911.51001 (1 Lifting column)
EU Art. No. 911.51002 (2 Lifting columns)
CH Art. No. 911.51101 (1 Lifting column)
CH Art. No. 911.51102 (2 Lifting columns)

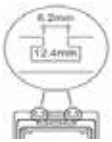
Lifting system SNT 1740 (Installation length: 380 mm)
EU Art. No. 911.51011 (1 Lifting column)
EU Art. No. 911.51012 (2 Lifting columns)
CH Art. No. 911.51111 (1 Lifting column)
CH Art. No. 911.51112 (2 Lifting columns)

The mounting grooves on two sides (6 mm wide) allow crossbars, intermediate shelves, attachments and superstructures to be fitted along the entire length of the leg.

The SNT system is used for industrial workstations, assembly benches, control room workstations, etc.

The SNT telescopic lifting column consists of three colourless anodised aluminium profiles with polymer linear guides. The inner profiles are moved by an internal spindle drive.

Up to 4 lifting columns can be connected to an SCT control box and operated synchronously.



T-Slot Nut:
126.00495 (with M6-thread)

Technical data

• Max. load capacity for 1 Lifting column	150 kg
• Max. load capacity for 2 Lifting columns	300 kg
• Max. load capacity for 3 Lifting columns	450 kg
• Max. load capacity for 4 Lifting columns	600 kg
• Max. tensile load per Lifting column	5 kg
• Max. static bending moment	Mbxstat = 1'000 Nm
	Mbystat = 750 Nm
• Max. dyn. bending moment	Mbxdyn = 600 Nm
	Mbydyn = 300 Nm
• Lifting speed	25 mm/s
• Installation length SNT 1770	560 mm
• Installation length SNT 1740	380 mm
• Stroke length SNT 1770	700 mm
• Stroke length SNT 1740	400 mm
• Extended length SNT 1770	1'260 mm
• Extended length SNT 1740	780 mm





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Lifting column SN

PerformanceLine



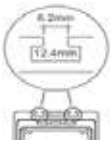
Lifting system SN
1430 EU Art. No. 911.40001 (1 Lifting column)
1440 EU Art. No. 911.40002 (1 Lifting column)
2430 EU Art. No. 911.40003 (2 Lifting columns)
2440 EU Art. No. 911.40004 (2 Lifting columns)
1430 CH Art. No. 911.40101 (1 Lifting column)
1440 CH Art. No. 911.40102 (1 Lifting column)
2430 CH Art. No. 911.40103 (2 Lifting columns)
2440 CH Art. No. 911.40104 (2 Lifting columns)

The mounting slots on two sides (width 6 mm) allow crossbars, intermediate shelves, attachments and superstructures to be fitted along the entire length of the leg.

The SN system is used for industrial workstations, assembly benches, control room workstations, assembly tables, in assembly lines, for office desks and in general furniture and machine construction.

The SN lifting column consists of two colourless anodised aluminium profiles with polymer linear guides. The inner profile is moved by an internal spindle drive.

Up to 4 spindle lifting columns can be connected to a control box and operated synchronously.



T-Slot Nut:
126.00495 (with M6-thread)

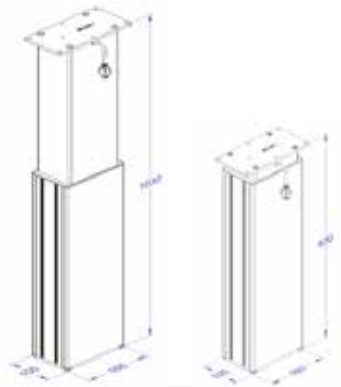
Technical data

- Max. load capacity for 1 Lifting column 200 kg / 300 kg
- Max. load capacity for 2 Lifting columns 400 kg / 600 kg
- Max. load capacity for 3 Lifting columns 400 kg / 600 kg
- Max. load capacity for 4 Lifting columns 1'000 kg

- Max. tensile load per Lifting column 5 kg

- Max. static bending moment Mbxstat = 900 Nm
  Mbystat = 600 Nm
- Max. dyn. bending moment Mbxdyn = 200 Nm
  Mbydyn = 300 Nm

- Lifting speed 6-8 or 12 mm/s
- Installation length 530 or 630 mm
- Stroke length 300 or 400 mm
- Extended length 830 or 1'030 mm



LIFTING COLUMN SN without a slot

PerformanceLine

from 09/2026





Lifting columns SN without T-slots (Smooth Bodied Profile)
1430 0T Art. No. 911.00013 (1 Lifting column)
1440 0T Art. No. 911.00014 (1 Lifting column)
1330 0T Art. No. 911.00113 (2 Lifting columns)
1340 0T Art. No. 911.00114 (2 Lifting columns)

The design of the SN lifting column without a T-slot is particularly well suited to laboratory and cleanroom environments.

The SN lifting column consists of two colourless anodised aluminium profiles, which are guided by polymer linear guides. The inner profile is moved by an internal spindle drive.

Up to 4 spindle lifting columns can be connected to a control box and operated synchronously.

Technical data

- Max. load capacity for 1 Lifting column 200 kg / 300 kg
- Max. load capacity for 2 Lifting columns 400 kg / 600 kg
- Max. load capacity for 3 Lifting columns 400 kg / 600 kg
- Max. load capacity for 4 Lifting columns 1'000 kg

- Max. tensile load per Lifting column 5 kg

- Max. static bending moment Mbxstat = 900 Nm
  Mbystat = 600 Nm
- Max. dyn. bending moment Mbxdyn = 200 Nm
  Mbydyn = 300 Nm

- Lifting speed 6-8 or 12 mm/s
- Installation length 530 or 630 mm
- Stroke length 300 or 400 mm
- Extended length 830 or 1'030 mm

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Lifting column SO

PerformanceLine



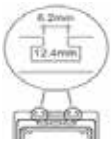
Lifting system SO
1430 EU Art. No. 912.40001 (1 Lifting column)
1440 EU Art. No. 912.40002 (1 Lifting column)
2430 EU Art. No. 912.40003 (2 Lifting columns)
2440 EU Art. No. 912.40004 (2 Lifting columns)
1430 CH Art. No. 912.40101 (1 Lifting column)
1440 CH Art. No. 912.40102 (1 Lifting column)
2430 CH Art. No. 912.40103 (2 Lifting columns)
2440 CH Art. No. 912.40104 (2 Lifting columns)

T-Slots on 4 sides (width 6 mm) allow mounting on the entire length of the leg traverses, intermediate shelves, attachments and superstructures.

The SO system is used in industrial workstations, mono tables, control room workstations, assembly desks, assembly plants, office desks and in general furniture and mechanical engineering.

Die Lifting column SO consists of two aluminium profiles with polymer linear guides. The inner profile is moved by an internal spindle drive.

Up to 4 columns can be connected to one control box and operated synchronously.



T-Slot Nut:
126.00495 (with M6-thread)

Technical data

- Max. load capacity for 1 Lifting column 200 kg / 300 kg
- Max. load capacity for 2 Lifting columns 400 kg / 600 kg
- Max. load capacity for 3 Lifting columns 400 kg / 600 kg
- Max. load capacity for 4 Lifting columns 1'000 kg

- Max. tensile load per Lifting column 5 kg

- Max. static bending moment Mbxstat = 350 Nm
  Mbystat = 350 Nm
- Max. dyn. bending moment Mbxdyn = 200 Nm
  Mbydyn = 200 Nm

- Lifting speed 6-8 or 12 mm/s
- Installation length 530 or 630 mm
- stroke length 300 or 400 mm
- Extended length 830 or 1'030 mm



24 V BATTERY SOLUTION FOR MOBILE APPLICATIONS

With the battery solution, transport trolleys, assembly tables, side tables or similar items can be moved flexibly from A to B and can be adjusted in height.

The 24 V motion controller is operated by an exchangeable battery. The battery can be mounted under the table with a holder. When the battery is empty, it can be recharged in the battery charging station. The charging time is 6 h.

Operation with hand switch Memory.

Lifting system SL EU/CH 12 Battery
2430 Art. No. 901.21516 (2 Lifting columns)
2440 Art. No. 901.21517 (2 Lifting columns)



Complete SL screw jack system with control, interchangeable battery, -holder, -charging station and hand switch.

- Max. load capacity 300 kg
- Max. stroke 300 or 400 mm
- Lifting speed max. 7.5 mm/s

Other battery solutions for SK, SM, SN and SO lifting systems on request.

Lifting system SLA.3 EU/CH 12 Battery
4330 Art. No. 903.42536 (4 Linear units)



Spindle-driven SLA linear units with controller, replacement battery, battery holder, charging station and push-button.

- Max. load capacity 300 kg
- Max. stroke 300 mm
- Lifting speed max. 8.5 mm/s

Further battery solutions for SLG, SE and SQ lifting systems available on request..

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24 V BATTERY SOLUTION FOR MOBILE APPLICATIONS

With this battery solution, trolleys, assembly tables, side tables or similar items can be moved flexibly from A to B and adjusted in height.

The 24 V control unit is powered by a replaceable battery. The battery can be fitted under the table using a mounting tray. When the unit is not in use, the replaceable battery can be charged in the battery charging station. The charging time is 6 hours.

Operation with hand switch Memory.

Lifting system SNT EU 12 Battery
1770 Art. No. 911.51501 (1 Lifting column)





Complete SNT screw jack system with control, interchangeable battery, -holder, -charging station and hand switch.

- Max. load capacity 150 kg
- Max. stroke 700 mm
- Lifting speed max.25 mm/s

24 V BATTERY SOLUTION

Control box SCT4 iSMPS 24V
Art. No. 124.4xx9x



Control box:

• Number of motor connections	1 - 4
• Output power	240 W
• Output voltage	24 V
• Output current	10 A
• Input voltage	25.2 V
• Dimensions (L x B x H)	309 x120 x 55 mm

Exchangeable battery 10A
Art. No. 124.00271



Exchangeable battery:

• Max. discchargе current	10 A
• Capacity	6‘000 mAh
• Technology	Li-Ionen

Holder for Exchangeable battery 10A
Art. No. 124.00272



The holder for the exchangeable battery is required for the power supply of the SCT4 24 V controller.

Charging station for battery 10A
EU/CH Art. No. 124.00274
US Art. No. 124.00275
UK Art. No. 124.00285



The charging station is required to charge the exchangeable battery 10A.

Control box SCT4 iSMPS 24V with exchangeable battery Art. No. 124.9xx9x



Set consisting of:
- 124.4xx9x control box SCT4 iSMPS 24V
- 124.00271 Exchangeable battery 10A
- 124.00272 Holder for exchangeable battery 10A
- 124.00274 Charging station for exchangeable battery 10A
- 124.00281 SCT Memory T6 hand switch

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28V BATTERY SOLUTION

The adapter shell enables the use of standard 28 V replacement batteries from Würth, Milwaukee and other systems of identical design.

Thanks to four countersunk holes (Ø 4.8 mm), the adapter shell can be securely screwed onto the relevant application.

Battery holder 28V
Art. No. 124.00269



- Compatible with: 28 V rechargeable batteries (Würth, Milwaukee)
- Mounting: 4x countersunk holes, Ø 4.8 mm
- Connection cable: 1.8 m
- Locking mechanism: Click system
- All components made from UL-approved materials

COMPLETE SYSTEMS

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COMPLETE SYSTEMS

Frame EA
EU, CH, UK Art. No. 801.30053-PP01



Complete EA spindle lifting system with control box, hand switch and power cable EU, CH and UK.

- Control of 2 spindel lift columns
- Max. load capacity 200 kg
- Lifting speed 20 mm/s
- Max. stroke 650 mm

Frame SA
EU Art. No. 921.20022
CH Art. No. 921.20122



Complete SA spindle lifting system with control box, hand switch and power cable EU or CH.

- Control of 2 spindle lifting columns
- Max. load capacity 300 kg
- Lifting speed 20 mm/s
- Max. stroke 420 mm

Frame SC
EU Art. No. 922.20022
CH Art. No. 922.20122



Complete spindle lifting system SC with control box, hand switch and power cable EU or CH.

- Control of 2 spindle lifting columns
- Max. load capacity 300 kg
- Lifting speed 20 mm/s
- Max. stroke 420 mm

Frame SF
2230 EU Art. No. 909.71003
2240 EU Art. No. 909.71004
2230 CH Art. No. 909.71103
2240 CH Art. No. 909.71104

To be discontinued from the range from the end of 2026



Complete Frame SF with control box, hand switch, telescopic crossbar, plate support, table foot with adjustable feet and power cable EU or CH.

- Max. load capacity 200 kg
- Lifting speed 20 mm/s
- Max. stroke 300 or 400 mm
- Telescopic Cross bar 960 - 1610 mm

Lifting system SL
2430 EU Art. No. 901.20033-PP1
2440 EU Art. No. 901.20034-PP1
2430 CH Art. No. 901.20083
2440 CH Art. No. 901.20084

Purchase in the online shop!



Complete spindle lifting system SL with control box, hand switch and power cable EU or CH. Ready to ship

Control von 2 spindle lifting columns
- Max. load capacity 400 kg
- Lifting speed 12 mm/s
- Max. stroke 300 or 400 mm

Packaging:
- Carton box 660 x 367 x 165 mm

COMPLETE SYSTEMS

Frame SL
2430 EU Art. No. 901.20033-PP1
2440 EU Art. No. 901.20034-PP1
2430 CH Art. No. 901.20083
2440 CH Art. No. 901.20084

Each system must be ordered with the article **115.00191-PP01.**

Purchase in the online shop!



Complete workstation base frame. With control box, hand switch and power cable EU or CH. Ready to ship.
- Max. load capacity 400 kg
- Lifting speed 12 mm/s
- Max. stroke 300 or 400 mm

Packaging:
- Carton box 660 x 367 x 165 mm
- Carton box 680 x 290 x 230 mm

Frame SL FIX
2440 Art. No. 901.91005-PP1 + 901.91000-PP01



Complete workstation base frame SL-2 FIX (without motion) For tables that do not or rarely need to be adjusted in height. Ready to ship.
- Max. load capacity 300 kg
- Fitting length 630 - 1030 mm
- Manually adjustable in 25 mm steps

Packaging:
- Carton box 660 x 367 x 165 mm

Lifting system SM
2430 EU Art. No. 902.20033-PP1
2440 EU Art. No. 902.20034-PP1
2430 CH Art. No. 902.20083
2440 CH Art. No. 902.20084

Purchase in the online shop!



Complete spindle lifting system SM with control box, hand switch and power cable EU or CH. Ready to ship.
- Control of 2 spindle lifting columns
- Max. load capacity 400 kg
- Lifting speed 12 mm/s
- Max. stroke 300 or 400 mm

Packaging:
- Carton box 660 x 367 x 165 mm

Frame SM
2430 EU Art. No. 902.20033-PP1
2440 EU Art. No. 902.20034-PP1
2430 CH Art. No. 902.20083
2440 CH Art. No. 902.20084

Each system must be ordered with the article **115.00192-PP01.**

Purchase in the online shop!



Complete workstation base frame. With control box, hand switch and power cable EU or CH. Ready to ship.
- Max. load capacity 400 kg
- Lifting speed 12 mm/s
- Max. stroke 300 or 400 mm

Packaging:
- Carton box 660 x 367 x 165 mm
- Carton box 680 x 290 x 230 mm

Frame SNT
1770 EU Art. No. 911.51051
1770 CH Art. No. 911.51151



Complete mono column workstation base frame. With control box, hand switch and power cable EU or CH.

Max. load capacity 150 kg
- Lifting speed 25 mm/s
- Max. stroke 700 mm

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COMPLETE SYSTEMS

Lifting system SLA
4330 EU Art. No. 903.42036-PP1
4340 EU Art. No. 903.42037
4330 CH Art. No. 903.42136
4340 CH Art. No. 903.42137

Purchase in the online shop!



Linear units SLA with spindle drive and control box, hand switch, rubber feet and power cable EU or CH. Ready to ship.

- Control von 4 Linear units SLA 1330
- Max. load capacity 600 kg
- Lifting speed 9 mm/s
- Max. stroke 300 mm or 400 mm

Packaging:

- Carton box 760 x 260 x 180 mm

Lifting system SLG
4330 EU Art. No. 904.42036-PP1
4330 CH Art. No. 904.42136

Purchase in the online shop!



Linear units SLG with spindle drive and control box, hand switch, rubber feet and power cable EU or CH. Ready to ship.

- Control of 4 Linear units SLG
- Max. load capacity 600 kg
- Lifting speed 9 mm/s
- Max. stroke 300 mm

Packaging:

- Carton box 760 x 260 x 180 mm

Lifting system SQ
4330 EU Art. No. 907.42036-PP1
4330 CH Art. No. 907.42136

Purchase in the online shop!



Complete spindle lifting system with 4 legs, control box, hand switch, rubber feet and power cable EU or CH. Ready to ship.

- Control of 4 Linear units SQ
- Max. load capacity 600 kg
- Lifting speed 9 mm/s
- Max. stroke 300 mm

Packaging:

- Carton box 760 x 260 x 180 mm

Lifting system LA
300 mm, Art. No. 4-LA-350-300-MAN1-F1-SKM-PP
300 mm, Art. No. 4-LA-350-300-CH2-F1-SKM-PP

Purchase in the online shop!



Linear units LA with manual handcrank or motorised pump, control box, hand switch, rubber feet and power cable EU or CH. Ready to ship.

- Control of 4 Linear units
- Max. load capacity 350 kg
- Lifting speed 5 mm/s (crank rotation) or 15 mm/s (with motor)
- Max. stroke 300 mm

Packaging:

- Carton box 1200 x 350 x 250 mm



Table Frame FC 650 4.0
Silver Art. No. 116.00077
Anthracite Art. No. 116.00078

Will be discontinued from the range at the end of 2026 and replaced by item FBC-585-650-S-F2-EU-H1-SP01.

The table base FC 4.0 is used as a frame for an office desk or a simple assembly table. The table system can be assembled in a few minutes. As an accessory, we recommend the cable canal for optimum cable management and our PC holder.

Purchase in the online shop!

Technical data

- Max. load capacity 100 kg
- Max. dyn. bending moment 200 Nm
- Stroke length 660 mm (605 - 1265 mm)
- Lifting speed 40 mm/s
- Voltage 230 V
- Power cable EU, CH
- Dimension outer profile 90 x 60 mm
- Plate length 1200 - 2000 mm
- Plate depth 700 - 1200 mm
- Color: silver or anthracite powder coated

Cable duct
Black Art. No. TR-FBC-B-SP01

Practical cable duct, for attachment to the FC 650 4.0 table base, for optimal cable management. This minimises trip hazards and reduces the risk of accidents. The cable duct also protects electronic devices from cable damage.

Purchase in the online shop!

Technical data

- Max. length 1660 mm
- Min. length 960 mm
- Fold-down and telescopic
- Colour: Black



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CONTROLLER COMPONENTS & ELECTRICAL ACCESSORIES

HAND CRANKS (More to page 48)

KIT Hand crank H
Art. No. 113.00105-PP

Purchase in the online shop!



The foldable and removable hand crank is mounted on the pump shaft using the click function instead of drilling and pinning.

Application:
- Pumps PA, PB, PF

KIT Hand crank foldable
Art. No. 113.00005-PP



To be discontinued from the range from the end of 2026.

The foldable hand crank is mounted to the pump shaft with a roll pin. The hand crank is not removable, but it is possible to fold it underneath the table. If the hand crank is ordered as a single part, the roll pin will be send with the package.

Application:
- Pumps PA, PB, PF

KIT Friction clutch 10 Nm cpl.
Art. No. 113.30022-PP

Purchase in the online shop!



If you want to protect your system from overload, you need to use the safety clutch. By using the safety clutch it is not possible to create a higher torque than 10Nm with the hand crank.

Application:
- Pumps PA, PB, PF

Crank body
Art. No. 128.00002-PP

Purchase in the online shop!



Spare part for hand crank 113.00005/13/65/70/90

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COMPACT CONTROLLER COMPONENTS

Hand switch Compact Memory HSC
Art. No. 124.00223-PP

Purchase in the online shop!



The hand switch memory can save up to four height positions additionally to the normal up and down function.
- 4 memory buttons
- Cable length 1.9 m
- Can be slid underneath the table
- Softclick feeling of pressure

Application:
- Hydraulic lifting systems with electric drive (standard hand switch)
- Spindel lifting systems with compact drive

Hand switch Compact Memory modified
Art. No. 124.00249



The hand switch memory can save up to four height positions additionally to the normal up and down function.
- 4 memory buttons
- Cable length 1.9 m
- Can be slid underneath the table
- Softclick feeling of pressure
- **Modified: increased water protection**

Application:
- Hydraulic lifting systems with electric drive (standard hand switch)
- Spindel lifting systems with compact drive

Hand switch Compact up-down Front
Art. No. 124.00059



- Mounting underneath the table plate
- Ergonomic design
- Static installation
- Softclick feeling of pressure
- Up/Down function
- Cable length 1.8 m

Application:
- Hydraulic systems with motor unit
- Spindle lifting system with control box compact (standard hand switch)

Radio remote control Compact 2.0
Art. No. 124.00128



Remote control consisting of radio transmitter (incl. battery and holder), radio receiver, hand-held remote control and operating instructions.

Application:
- Hydraulic lifting systems with electric drive
- Spindle lifting systems with compact control box

Foot switch compact cpl.
Art. No. 124.00170



- Cable length 2 m

Application:
- Hydraulic lifting systems with electric drive
- Spindle lifting systems with compact control box

COMPACT CONTROLLER ACCESSORIES

Control cable Compact
Art. No. 124.00136



A PLC or a hand switch of your choice can be attached to the control cable.
- Cable length 2 m

Application:
- Hydraulic lifting systems with electric drive
- Spindle lifting systems with compact control box

Compact Split cabel for hand switch
Art. No. 124.00070



With the split cable it is possible to connect two hand switchs to the control box.
- Cable length 200 mm

Application:
- Hand switch for compact control box

Extension cable for hand switch Compact
Art. No. 124.00071



With the extension cable it is possible to extend the cable of the hand switch.
- Cable length 1 m
- Maximum of 3 extension cables in series

Application:
- Hand switch for compact control box

Motor cable PXD.2 Compact
Art. No. 124.00229



The motor cable connects the motor type «D» with the control box.
- Cable length 1 m

Application:
- Motors PAD, PBD, PFD

Motor extension cable SCT/Compact
Art. No. 124.00137



The motor extension cable can be used to extend the motor cable of a PXD motor or a spindle lifting system.
- Cable length 1.2 m
- 2 cables are needed to extend the motor PXD
- Maximum of 5 extension cables in series

Application:
- Hydraulic systems with electric drive
- Spindle lifting systems with compact and SCT controls

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COMPACT CONTROLLER ACCESSORIES

Motor cable SX
Art. No. 124.00151



- Cable length 1.7 m

Application:
- Spindle lifting systems with SCT/Compact control boxes

SYNC-2 Cabel compact
Art. No. 124.00088



With the SYNC-2 cable it is possible to synchronize 2 control boxes. Both control boxes run in a parallel mode.
- Cable length 550 mm

Application:
- Systems with compact control boxes

SYNC-4 Cabel compact
Art. No. 124.00089



With this cable it is possible to synchronize 2, 3 or 4 compact control boxes. All 2, 3 or 4 lifting systems run in a parallel mode.
- Cable length 1.8 m
- 1 cable per control box is needed (4 control
- boxes = 4 cables)

Application:
- Systems with compact control boxes

Safety strip Compact cpl.
Art. No. 124.00105



By attaching the squeeze line to a possible squeeze zone, the system immediately stops when the contact hose or crushed.
- Cable length 2.5 m
- Contact hose length selectable 10 cm - max. 5 m (confectioning in 50 mm steps)

Application:
- Systems with compact control boxes

Split cabel sensor compact
Art. No. 124.00084



The split cable sensor is needed to use two squeeze lines or a squeeze line and a sync cable.

Application:
- Squeeze lines or sync cable for compact control box

COMPACT CONTROLLER ACCESSORIES

Control box compact-3-eco preprogrammed
230 V Art. No. on request
110 V Art. No. on request



This is the standard control box for a hydraulic system with motor unit or spindle lifting system.

- Supply Voltage 230 V/110 V
- Power 360 W
- Standby power < 0.6 W
- Port for hand switch
- For spindle lifting system: 1-3 motor Plug detection

Application:

- Hydraulic lifting system with motor unit (230 V/110V)
- Spindle lifting system with compact control box
- (230 V/110V)

Compact continuous-run controller
Art. No. 124.00075



The continuous-operation controller is a tried-and-tested product for automatically adjusting table systems under test conditions.

- Manual operation with a hand-held switch
- Automatic mode
- Memory mode
- Up/Down mode

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SCT CONTROLLER COMPONENTS

Hand switch SCT up - down C
Art. No. 124.00292



- Up/Down function
- Side-mounted cable outlet
- Customisable logo area (minimum order 200 units)
- Cable length 2 m

Application:
- Spindle lifting systems with SCT and MDT control boxes

Hand switch SCT Memory C
Art. No. 124.00293

Purchase in the online shop!



- 12 freely programmable memory positions
- USB-C interface
- Side-mounted cable outlet
- Customisable logo area (minimum order of 200 units)
- Cable length 2 m

Application:
- Spindle lifting systems with SCT and MDT control boxes

From 09/2026 "with IP Schutz"

Cabel-Hand switch SCT
Art. No. 124.00165



- Cable length 2 m, fitted

Application:
- Spindle lifting systems with SCT control boxes

Foot switch Industrial SCT cpl.
Art. No. 124.00160

Discontinued. Successor product to follow.



- Cable length 2 m, fitted

Application:
- Spindle lifting systeme with SCT control boxes

KIT Foot switch SCT
Art. No. 124.00163-PP



- Cable length 2 m

Application:
- Spindle lifting systeme with SCT control boxes

SCT CONTROLLER COMPONENTS

Extension cable Motor SCT/Compact 1.2m
Art. No. 124.00137



Extension cable for SCT/Compact Motor. Motor cables of lifting systems with Molex plugs can be extended with this cable.
- Cable length 1.2 m
- Max. 5 extension cables per motor

Application:
- Spindle lifting systeme with SCT/Compact control boxes

Extension cable Hand switch SCT 1m
Art. No. 124.00290



Extension cable for SCT iSMPS hand switch. This cable can be used to extend hand switches.
- Cable length 1 m
- Max. 3 extension cables per hand switch

Application:
- Spindle lifting systeme with SCT iSMPS control boxes

Motor cable SX
Art. No. 124.00151



- Cable length 1.7 m

Application:
- Spindle lifting systeme with SCT/Compact control boxes

Y-Adaptor Hand switch SCT
Art. No. 124.00167



Adapter for SCT hand switch.
- Cable length 0.2 m
- 1 control box - 2 hand switch

Application:
- Spindle lifting systeme with SCT control boxes

Control cable SCT
Art. No. 124.00279



The SCT control box can be controlled via the control cable by a PLC or a dedicated hand switch.
- Cable length 2 m
- Only lifting up/down can be control
- Memory positions are not controllable with
- a PLC

Application:
- Systems with SCT iSMPS control boxes

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SCT CONTROLLER COMPONENTS

SYNC-2 cabel SCT
Art. No. 124.00183



The cable connects 2 SCT controllers with each other. In this way, 2 lifting systems can be operated in parallel.

- Cable length 4 m

Application:

- Systems with SCT control boxes

Safety strip SCT cpl.
Art. No. 124.00157



By attaching the safety strip to a possible crushing zone, the system stops immediately when the contact hose is being driven up or crushed.

- Cable length 2.5 m
- Contact hose length selectable 10 cm - max. 5 m (confectioning in 50 mm steps)

Application:

- Systems with SCT control boxes

Control box SCT2 MDT 100-240V V2300 „LiteLine“
Art. No. 124.22300



Control box for spindle lifting systems.

- Supply voltage 100-240 V
- Standby power < 0.5 W
- Port for hand switch
- 2 ports for motor units

Application:

- Spindle lifting systems SA, SC

Control box SCT4 MDT 100-240V V2300 „LiteLine“
Art. No. 124.42300



Control box for spindle lifting systems.

- Supply voltage 100-240 V
- Standby power < 0.5 W
- Port for hand switch
- 2 ports for motor units

Application:

- Spindle lifting systems SA, SC

Control box SCT2 iSMPS preprogrammed
230 V Art. No. on request



Control box for spindle lifting systems.

- Supply voltage 230 V
- Standby power < 0.5 W
- Port for hand switch
- 1 - 2 ports for motor units

Application:

- Spindle lifting systems SE, SK, SL, SM, SQ, SLA, SLG

SCT CONTROLLER COMPONENTS

Control box SCT4 iSMPS preprogrammed
230 V Art. No. on request
110 V Art. No. on request



Control box for spindle lifting systems.
- Supply voltage 230 V
- Standby power < 0.5 W
- Port for hand switch
- 1 - 4 ports for motor units
- Synchronous operation up to 8 lifting systems
- possible with SYNC-2 cable SCT

Application:
- Spindle lifting systems SE, SK, SL, SM, SQ, SLA, SLG

Power cable EU
3m Art. No. 124.00142
5m Art. No. 124.00149



2 pole power cable with an European plug.
- Voltage 230 V
- Plug type CEE 7/7
- Cable length 3 m or 5 m

Application:
- Systems with Compact or SCT control boxes 230 V

Power cable CH
3m Art. No. 124.00143
5m Art. No. 124.00148



3 pole power cable with a Swiss plug.
- Voltage 230 V
- Plug type SEV 1011
- Cable length 3 m or 5 m

Application:
- Systems with Compact or SCT control boxes 230 V

Power cable UK 3m
Art. No. 124.00144



3 pole power cable with an English plug.
- Voltage 230 V
- Plug type Commonwealth
- Cable length 3 m

Application:
- Systems with Compact or SCT control boxes 230 V

Power cable US 3m
Art. No. 124.00145



3 pole power cable with an American plug.
- Voltage 110 V
- Plug type NEMA 5 - 15
- Cable length 3 m

Application:
- Systems with Compact or SCT control boxes 110 V

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MOUNTING ACCESSORIES

MOUNTING ACCESSORIES

Bracket D6
Art. No. 113.00029



Alternative mounting option for the piston rod of our cylinders.
- Stud diameter 6 mm
- Max. load 2500 N

Application:
- Cylinder types CB, CD and CI

Bracket D8
Art. No. 113.00030



Alternative mounting option for the piston rod of our cylinders.
- Stud diameter 8 mm
- Max. load 3500 N

Application:
- Cylinder types CD and CE

Mounting plate type A cpl.
Art. No. 113.00003-PP

Mounting plate type D cpl.
Art. No. 113.00125-PP

Purchase in the online shop!



Mounting plate for linear units.
- Plate size 30 x 70 mm (A), 30 x 80 mm (D)
- Ø 5,8 mm drill hole
- Set with 8 piece

Application Type A:
- Linear units LA, LD, LH, SLA

Application Type D:
- Linear units LG, SLG

Mounting plate type B cpl.
Art. No. 113.00004-PP

Mounting plate type E cpl.
Art. No. 113.00126-PP

Purchase in the online shop!



Mounting plate for linear units.
- Plate size 30 x 35 mm (B), 30 x 45 mm (E)
- Incl. countersunk screw M6 x 40
- Set with 8 piece

Application Type B:
- Linear units LA, LD, LH, SLA

Application Type E:
- Linear units LG, SLG

Mounting plate type C cpl.
Art. No. 113.00039-PP

Mounting plate type F cpl.
Art. No. 113.00127-PP

Purchase in the online shop!



Angle bracket for Linear units.
- Angle 90° 50 x 50 x 32 mm (C), 55 x 55 x 32 mm (F)
- Ø 6,9 mm drill hole
- Set with 8 piece

Application Type C:
- Linear units LA, LD, LH, SLA

Application Type F:
- Linear units LG, SLG

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MOUNTING ACCESSORIES

Tube fitting LA 28
Art. No. 113.00054-PP

Purchase in the online shc



The tube fitting is used to mount the linear units onto a tube system.
- Tube diameter 28 mm
- ESD conductive
- Set with 8 piece

Application:
- Linear units LA, LD, SLA

Drilling template LA and LD
Art. No. 198.00149



The drilling template for the linear units LA and LD is made for an easier installation.

Table leg SA/TA cpl.
Art. No. 115.00160



For mounting a table plate with a table leg SA and TA.
- Dimensions 416 x 68 x 30 mm

Application:
- Frame SA and TA

Cross bar TA/TU/SE cpl.
550 Art. No. 115.00150
750 Art. No. 115.00151
950 Art. No. 115.00152
1150 Art. No. 115.00153
1550 Art. No. 115.00154



Union joint for TA, TU and SE table legs.
- Dimensions 550, 750, 950, 1150, 1550 x 80 x 50 mm

Application:
- Frame TA/TU/SE
- Table leg TA/TU
- Lifting columns SE

Foot plate TA/SA both sides cpl.
Art. No. 127.00138

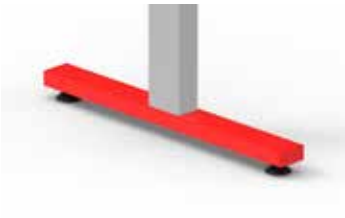


The foot plate TA is used to anchor the table leg on both sides into the ground.
- Incl. countersunk screw M6 x 25
- Dimensions 100 x 80 x 4 mm

Application:
- Lifting columns TA and SA

MOUNTING ACCESSORIES

Table foot SA/TA 600 cpl.
Art. No. 127.00073



This table foot is mounted to the TA lifting column. The regulating feet are supplied.

- Dimensions 600 x 60 x 30 mm

Application:
- Lifting columns SA and TA

Foot plate TT 360x40
Art. No. 126.00113



The TT foot plate is mounted to the tableleg TT and can be screwed to the rack or the floor using the two Ø 9 mm holes.
- Dimensions 360 x 40 x 10 mm

Application:
- Lifting columns TT

Foot plate SL 340x60 Slot hole
Art. No. 126.00108



With this foot plate the table leg SK/SL/TL/TT can be mounted onto a crossbar or into the ground.
- Dimensions 340 x 60 x 10 mm

Application:
- Lifting columns SK, SL, TL, TT

Table foot SK/SL/TL/TT 580 cpl.
Art. No. 115.00550



This table foot is mounted to the SK/SL/TL/TT lifting columns. The regulating feet are supplied.
- Dimensions 580 x 80 x 30 mm

Application:
- Lifting columns SK, SL, TL, TT

Table foot SC/SM/SF/TM 580 cpl.
Art. No. 115.00560



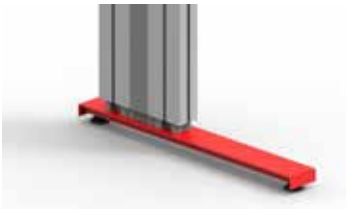
This table foot is mounted to the SM/SF/TM lifting columns. The regulating feet are supplied.
- Dimensions 580 x 90 x 30 mm

Application:
- Lifting columns SC, SM, SF, TM

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MOUNTING ACCESSORIES

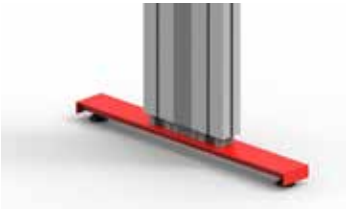
Table foot SK/SL/TL 680 eccentric cpl.
Art. No. 115.00570



This table foot is mounted to the SL/TL lifting columns. The regulating feet are supplied.
- Dimensions 680 x 80 x 30 mm
- Table leg is eccentric by 155 mm

Application:
- Lifting columns SK, SL, TL

Table foot SK/SL/TL/TT 680 cpl.
Art. No. 127.00515



This table foot is mounted to the SK/SL/TL/TT lifting columns. Dimensions 680 x 80 x 30 mm

Application:
- Lifting columns SK, SL, TL, TT

Table foot SC/SF/SM/TM 680 cpl.
Art. No. 127.00545



This table foot is mounted to the SF/SM/TM lifting columns. The regulating feet are supplied.
- Dimensions 680 x 90 x 30 mm

Application:
- Lifting columns SC, SF, SM, TM

Foot plate SM 200x60 Slot hole
Art. No. 126.00132



With this foot plate the table leg SF/SM/TM can be mounted onto a crossbar or into the ground.
- Dimensions 200 x 60 x 10 mm

Application:
- Lifting columns SF, SM, TM

Foot plate SM 125x60 M10
Art. No. 127.00329



This foot plate can be mounted to the lifting column SF/ SM/TM. With the help of the three M10 threads, adjustable feet or rollers can be added.
- Dimensions 125 x 60 x 10 mm
- ESD-conductive

Application:
- Lifting columns SF, SM, TM

MOUNTING ACCESSORIES

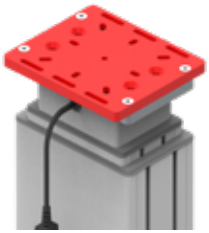
Table plate support SM/TM cpl.
Art. No. 115.00165



For attaching a table top to the SM/TM lifting column.
- Dimensions 416 x 80 x 5 mm

Application:
- Lifting columns SM, TM

Adapter plate SN SNT 40 45 cpl.
Art. No. 115.00177



Adapter plate for lifting columns SN and SNT.

- Dimensions 135 x 160 x 8 mm

Application:
- Lifting columns SN, SNT
- Can be used as a top or base plate.

Adapter plate SO 40 45 cpl.
Art. No. 115.00178



Adapter plate für Lifting columns SO.

- Dimensions 120 x 155 x 8 mm

Application:
- Lifting columns SO
- Can be used as a top or base plate.

Table plate support SN-1/SNT-1/SO-1 cpl.
Art. No. 115.00175

For attaching a table top to the SN, SNT and SO lifting column.
- Dimensions 450 x 270 x 5 mm

Application:
- Lifting columns SN, SNT, SO



Table foot SN-1/SNT-1 cpl.
Art. No. 115.00176

This table foot is mounted to the SN and SNT lifting columns. The regulating feet are supplied.

- Dimensions 680 x 680 x 30 mm

Application:
- Lifting columns SN, SNT

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MOUNTING ACCESSORIES

Telescopic Cross bar T8 550-950
Art. No. 127.00634



Telescopic connecting piece for SC /SF /SK /SL / SM /TL / TM lifting columns. The traverse can be easily pushed into the grooves (width 8 mm) of the lifting column and clamped with a hexagonal wrench.

- Dimensions 550 - 950 mm (50 mm grid)
- Connection to small side of the lifting column

Application:

- Lifting columns SC, SF, SK, SL, SM, TL, TM

Telescopic Cross bar T8 990-1550
Art. No. 127.00635



Telescopic connecting piece for SC /SF /SK /SL / SM /TL / TM lifting columns. The traverse can be easily pushed into the grooves (width 8 mm) of the lifting column and clamped with a hexagonal wrench.

- Dimensions 990 -1550 mm (50 mm grid)
- Connection to small side of the lifting column

Application:

- Lifting columns SC, SF, SK, SL, SM, TL, TM

Telescopic Cross bar T8 550-950 - 90°
Art. No. 127.00631



Telescopic connecting piece for SA, SK/ SL/SM/ TL/TM and TT lifting columns. The traverse can be easily pushed into the grooves (width 8 mm) of the lifting column and clamped with a hexagonal wrench..

- Dimensions 550 -950 mm (50 mm grid)
- Front connection to the broad side of the lifting column

Application:

- Lifting columns SA, SK, SL, SM, TL, TM, TT

Telescopic Cross bar T8 900-1550 - 90°
Art. No. 127.00632



Telescopic connecting piece for SC/ SK/ SL/SM/ TL/TM and TT lifting columns. The traverse can be easily pushed into the grooves (width 8 mm) of the lifting column and clamped with a hexagonal wrench.

- Dimensions 900 -1550 mm (50 mm grid)
- Front connection to the broad side of the lifting column

Application:

- Lifting columns SC, SK, SL, SM, TL, TM, TT

MOUNTING ACCESSORIES

Fastening angle SX 60x60 cpl.
Art. No. 113.00150



With the fastening angle the SL and SM table legs can be attached to a wall or slot profile..
- Delivery includes 1 angle
- Incl. screws M8
- Incl. T-slot nuts
- For profiles with nut distance 30 to 50 mm

Application:
- Lifting columns SL, SM, TL, TM

Adaptor sheet SM 90°
Art. No. 127.00630

The adaptor sheet is used to mount the inner column profile onto a wall or a T-slot profile.
- Excl. screws (these are supplied with the table leg)
- For profiles with T-slot distance from 30 to
- 50 mm

Application:
- Lifting columns SM and TM
- Lifting columns SL and TL on request

T-slot nut 11.6x4.6 M6
Art. No. 142.00217



- Length 16 mm
- Width 11.6 mm
- Heigth 4.6 mm
- Heigth with spring plate 7.6 mm
- Thread M6

Application:
- Ergoswiss T-slot 8

T-slot nut 11.6x4.6 M8
Art. No. 142.00218



- Length 16 mm
- Width 11.6 mm
- Heigth 4.6 mm
- Heigth with spring plate 7.6 mm
- Thread M8

Application:
- Ergoswiss T-slot 8

T-slot nut 18x12x3.9 M6
Art. No. 126.00495



- Length 18 mm
- Width 12 mm
- Heigth 3.9 mm
- Thread M6

Application:
- Ergoswiss T-slot 6
- Lifting columns SNT, SN, SO

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MOUNTING ACCESSORIES

T-slot cover strip L730
Art. No. 142.00285



The T-slot cover strip can be clipped into any 8mm t-slot profile and cut to size if required.

- Length 730 mm
- Material PVC
- Color: grey

RUBBER FEET & CASTORS

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RUBBER FEET & CASTORS

KIT Rubber foot M10x25 RF
Art. No. 113.00006-PP

Purchase in the online shop!



Rubber foot with thread M10 x 25 and vulcanized rubber coating.
- Incl. M10 counter nut
- System load of 300 kg
- Stainless version
- Set with 4 piece

Application:
- Linear units LA, LH, SLA, SLG
- Lifting columns SE, SQ
- Table feet TQ, TU, TA

Aluminium foot D50x35
Art. No. 113.00028



There are 3 drill holes which allow to anchor the foot into the ground.
- Incl. M10 counter nut
- 3 x Ø 5,5 mm TK 40
- Screw shaft M10 x 25 mm

Application:
- Linear units LA, LH, SLA, SLG
- Lifting columns SE, SQ
- Table feet TQ, TU, TA
- Table feet SK, SL, SM, TA, TL, TM, TT

Articulated foot M10x20 RF ESD
Art. No. 113.00056



Adjustable articulated foot for high loads. Thread M10 x 20.
- Incl. M10 counter nut
- Max. load capacity 300 kg
- Stainless version
- ESD: electrostatic discharge
-

Application:
- Linear units LA, LH, SLA, SLG
- Lifting columns SE, SQ
- Table feet TQ, TU, TA

Castor LA 100 cpl.
Art. No. 113.00040



- Roll diameter 100 mm, Heigth 121 mm
- Screw shaft M10
- Max. load capacity dynamic: 700 N (by 3 km/h)
- Max. load capacity static: 1'750 N (at standstill)
- 360° swiveling
- With break

Application:
- Linear units LA, LH, SLA, SLG
- Lifting columns SE, SQ
- Table feet TQ, TU, TA
- Table feet SK, SL, SM, TA, TL, TM, TT

RUBBER FEET & CASTORS

Double castor D75 cpl.
Art. No. 113.00057



- Roll diameter 75 mm, Heigth 96mm
- Incl. fastening screw M10
- Max. load capacity dynamic: 1‘000 N (bei 3 km/h)
- Max. load capacity static: 2‘500 N (at standstill)
- 360° swiveling
- With break

Application:
- Linear units LA, LH, SLA, SLG
- Lifting columns SE, SQ
- Table feet TQ, TU, TA
- Table feet SK, SL, SM, TA, TL, TM, TT

Castor TA 125 cpl.
Art. No. 113.00033



- Roll diameter 125 mm, Heigth 165 mm
- Fastening with 4 M6 x 25 countersunk screw
- Max. load capacity dynamic: 2‘500 N (bei 4 km/h)
- Max. load capacity static: 6‘250 N (at standstill)
- 360° swiveling
- With break

Application:
- System TA-4

Castor SM 125 cpl.
Art. No. 113.00053



- Roll diameter 125 mm, Heigth 160 mm
- Fastening with 4 M6 x 20 thread grooving screw
- Max. load capacity dynamic: 2‘500 N (by 4 km/h)
- Max. load capacity static: 6‘250 N (at standstill)
- 360° swiveling
- With break

Application:
- System SM-4 and TM-4

Lifting castor set HR 4803 notox
Art. No. 501.30101-PP



Technical data
The castor with polyurethane wheels is made of in-jection-moulded, thermoplastic elastomer and has very low abrasion and low rolling friction with 94° Shore A.
- Wheel-Ø 100 mm
- Wheel width 32 mm
- Total height 150 mm
- Plate size 100 x 85 mm
- Bearing castor: ball-bearing
- Max. system load per system of 4: 750 kg
- Stroke 10 mm
- Tubing length 3 m
- Food grade hydraulic fluid

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MANUAL HAND CRANK HYDRAULIC SYSTEM SPARES & ACCESSORIES (More page 26 here)

HYDRAULIC SYSTEM ACCESSORIES

Tubing black 4.0x0.9
Art. No. 113.00002



- Outer diameter 4 mm
- Inner diameter 2.2 mm
- Wall thickness 0.9 mm
- Max. operating pressure 100 bar
- Burst pressure 420 bar
- Minimum bending radius 25 mm

Please read the assembly instructions.

Connecting screw
Art. No. 125.00021



Due to the clamping ring connection, the hydraulic tubing is tightly fixed to the pump, respectively to the cylinder.
When tightening the connection screw (10 - 12 Nm), the clamping ring will squeeze itself onto the tubing.

Application:
- Tubing outer diameter 4 mm

Connecting screw
Art. No. 125.00022



Due to the clamping ring connection, the hydraulic tubing is tightly fixed to the pump, respectively to the cylinder.
When tightening the connection screw (10 - 12 Nm), the clamping ring will squeeze itself onto the tubing.

Application:
- Tubing outer diameter 4 mm

Connection kit pump 4
Art. No. 113.00104



The connection kit includes::
- 1x Connection screw
- 5x Clamping rings
- 1x Magnet

Tubing plug
Art. No. 142.00198



For the transportation of a prefilled tubing, a tubing plug is needed. With the tubing plug all the prefilled hydraulic oil stays in the tubing.

Application:
- Tubing 113.00002

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HYDRAULIC SYSTEM ACCESSORIES

Tubing assembly (complete)
on request



The tubing is connected to the cylinder and the pump.
This is just possible with cylinders or linear units.
Advantage:
The system is ready to use.
Disadvantage:
It is not possible anymore to lay the tubing through holes or profiles.

Oil
250ml Art. No. 113.00009
1 Liter Art. No. 113.00082



The oil is available in two sizes and is used to refill the hydraulic system. The hydraulic oil is called JAX FGH-AW ISO 22 and is suitable for use by food processing companies.

Service kit
Art. No. 113.00008-PP01

Purchase in the online shop!



The service kit includes:
- 250 ml Oil (food grade hydraulic fluid)
- Injection 20ml with needle
- Tubing cutter
- Box wrench size 10/11
- Clamping rings and connecting screws
- Magnets

Tubing filled

1m	Art. No. 113.00161
2m	Art. No. 113.00162
3m	Art. No. 113.00163
4m	Art. No. 113.00164
5m	Art. No. 113.00165
6m	Art. No. 113.00166
7m	Art. No. 113.00137
8m	Art. No. 113.00168
10m	Art. No. 113.00160



Hose completely filled with oil (food-grade hydraulic fluid). Hose is welded on both sides.
- Packed separately:
- Clamping rings and connection screws

HYDRAULIC SYSTEM ACCESSORIES

L-connection
Art. No. 113.00017



With the L-connection, two tubings can be connected with each other. This serves for the tubing extension or tubing repair.
For bending radius <25 mm.

Straight connection
Art. No. 113.00038



It is possible to connect two tubings with the straight connection. The straight connection is used for tubing extension or for tubing reparation.

Tubing coupling click cpl.
Art. No. 113.00048



The tubing coupling click is used to disconnect the tubing without losing oil. Coupling and decoupling is possible up to a maximum pressure of 30 bars.

T-connection
Art. No. 113.00014



The T-connection can be used to connect three hoses together. This is used for extending hoses or for hose repairs.
For bend radii < 25 mm.

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EXCESS FLOW CUT-OFF VALVE

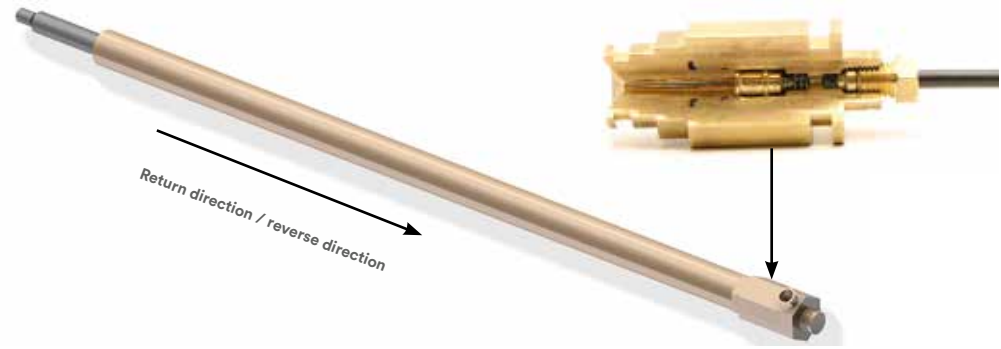


All Ergoswiss Cylinders, linear units and table legs are available with excess flow cut-off valve. Please contact our technicians for more information.

For more safety with heavy loads it is possible to use the excess flow cut-off valve. In the cylinder head, right before the tubing outlet, there is a excess flow cut-off valve which switches at too high flow rate. This prevents an uncontrolled descent or tilting of the table. The cylinder doesn't bounce for loads <50 kg. Then the table lowers slowly.
The excess flow cut-off valve is integrated in the cylinder, no additional assembling is needed.

Technical data
Cut-off volume flow
- 300 ml/min

This is the retracting speed of 20mm/s if a cylinder with a diameter of 18mm is used.
The highest possible volume flow during operation is
- 140 ml/min ≈ lifting speed 9 mm/s



If a hydraulic hose is unintentionally torn off when the hydraulic system is extended, the oil can flow out of the cylinder unrestrained. The system sinks slowly and asynchronously and the following dangers may arise:
- Person is pinched by the system
- The object tilts, shifting the center of gravity
- A load falls off the object

Especially at high system loads, these hazards can result in serious injury to people and damage to the environment.

By a clean laying of the hoses the danger of a mechanical damage and a torn off can be clearly minimized!

Application:

306.20012	Linear unit LA 1820 V with hose
306.20013	Linear unit LA 1830 V with hose
306.10013	Linear unit LH 1830 V with hose
306.00553	Table leg TA 1830 V with hose
306.00554	Table leg TA 1840 V with hose
306.00463	Table leg TQ 1830 V with hose
309.50173	Cylinder CI 1830 V with hose
309.50174	Cylinder CI 1840 V with hose
309.50293	Cylinder CH 1830 V with hose
309.50294	Cylinder CH 1840 V with hose