

Lift heavy loads with ease



Lift tables ELS
ELD
ELT

| Scissor lift tables



Single scissor lift tables
Lift table ELS



Double scissor lift tables
Lift table ELD

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Tandem scissor lift tables

Lift table ELT

GRUSE has been engineering and building machinery and equipment since 1869. Today, GRUSE specialises in the design and manufacture of lifting and conveying equipment for in-house transportation and material management systems.

Increasingly, ergonomics and workplace safety are playing instrumental roles in the productivity of workers and manufacturing equipment.

Over a dozen design experts at GRUSE are involved in the development of solutions for various lifting and tilting applications that ultimately make life for the production personnel easier and more productive.

The function, safety, sturdiness and operational ease of GRUSE's lifting and conveying systems have proved their worth over the past 25 years and they are still being improved.

GRUSE lift tables are state-of-the-art modular CAD constructions with amazing application versatility.

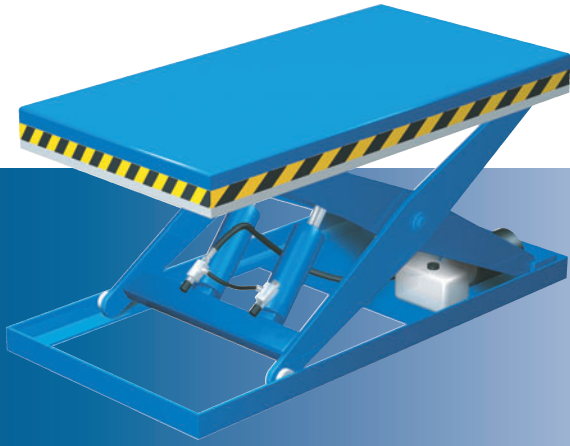
The GRUSE scissor lift table series, Lift table, offers a wide range of production facility applications for many industries.

All lift tables by GRUSE are designed and manufactured in accordance with valid norm and guide lines.

| **Modular system**

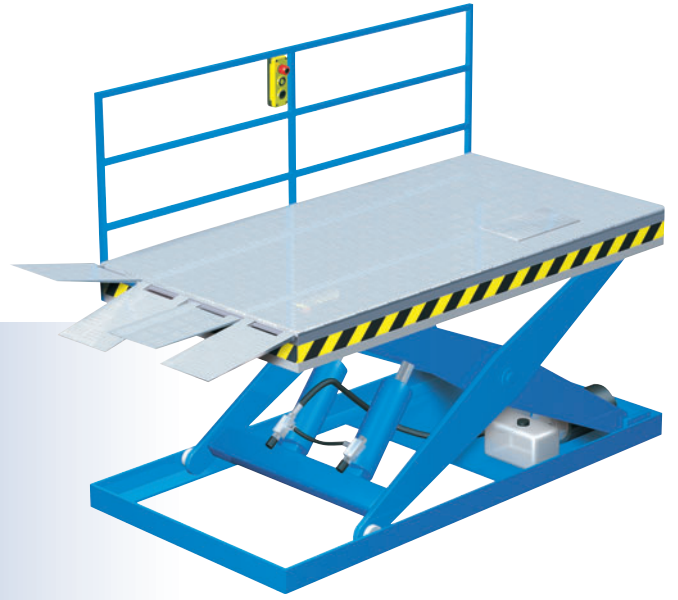
A strong system for any application

Load bearing capacity 500 - 10 000 kg



Lift tables ELS, ELD, ELT as assembly table

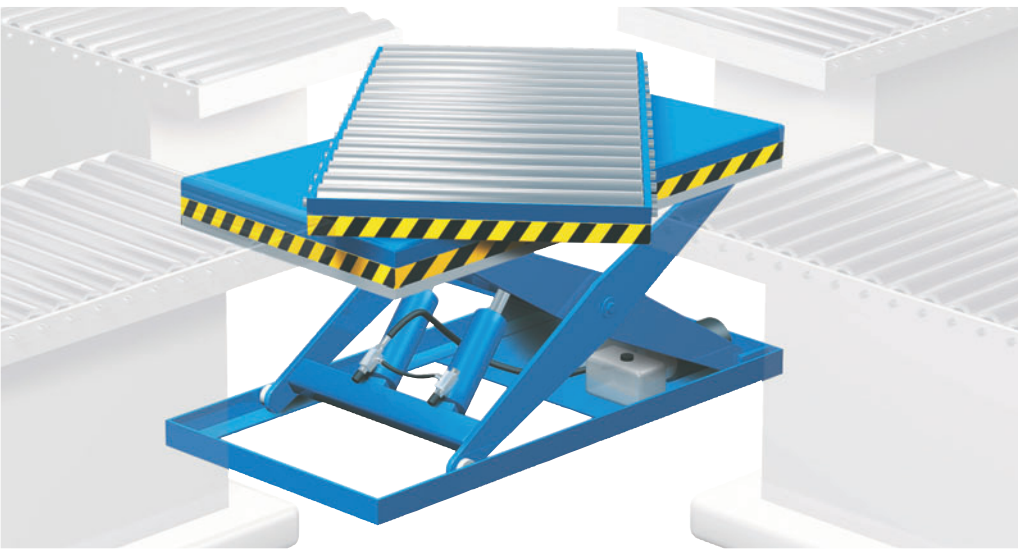
Thanks to the lift table's modular design, these lift tables can be adapted and expanded to satisfy special applications. The standard lift table ELS model offers variable lifting for adjustment to the ergonomically suitable working height. Lift table's strength is its versatility.



Lift tables ELS, ELD, ELT as loading table

The lift table standard model's wide range of accessories feature special fittings for conversion to a loading table.

- | Service opening in the tabletop
- | Tabletop made of tear plate
- | Railing
- | Loading plates
- | Push-button control



Lift tables

ELS

ELD

ELT

Lift tables ELS, ELD, ELT as system table

System lifting tables for assembly lines are designed and constructed according to the specific work task and feature extra high quality. Integrated in conveyor systems, these components significantly increase efficiency.

Function and flexibility boost productivity raising daily output. The accessories available for system tables is extensive, e.g.:

- I Antifriction and joint roller bearing
- I Hydraulic unit for pulse- or continuous operation
- I wired on terminal strip

This basic type choice for lift table comprises the lift table for single-, double-, and tandem scissor.

Single scissor lift tables
Lift table ELS

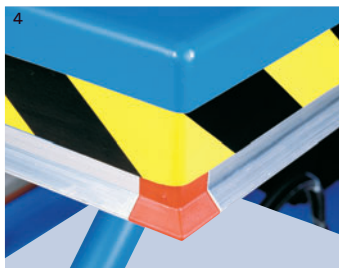
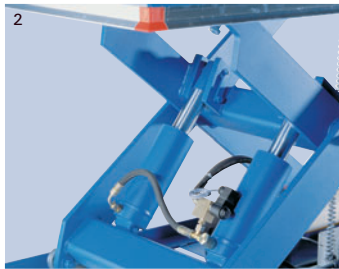
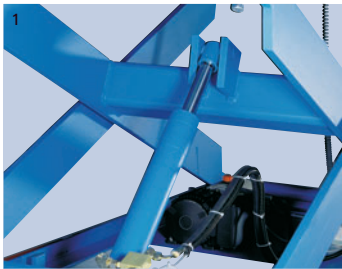


Working at a comfortable level

Standard fittings

- | Operating voltage 400 V
- | Control voltage 24 V
- | Dead man's control unit with manual push button control
- | Compact hydraulic unit (10 % power-on time)
- | Tabletop made of smooth sheet metal
- | Sub-frame made of angle section with securing brackets (not self-supporting)
- | Platform as a fixed part of the upper frame
- | Differential cylinder
- | Running rollers, fixed-bearing, scissor and cylinder bolts easy to exchange
- | Safety rail
- | Maintenance-free roller bearing

Lift table ELS 1-8-1



Details

GRUSE lift tables are heavy duty, long-lasting and available in various designs and sizes.

- 1 1-fold cylinder-hydraulic
- 2 2-fold cylinder-hydraulic
- 3 Manual control switch with key switch and emergency stop
- 4 Safety rail
- 5 Foot control switch with key switch and emergency stop
- 6 Infinitely adjustable limit switch

Special model Lift table ELS



Loading plates, split model



Lift table ELS 2-16-SO

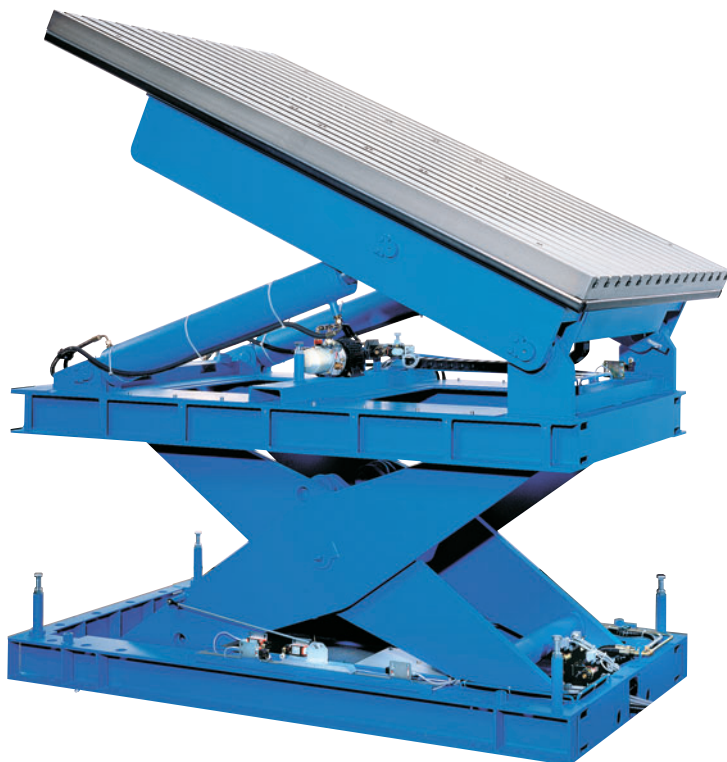
Special model

Example of a Lift table ELS

- | Tabletop made of hot galvanised tear plating
- | Loading plates (split model)
- | Special dimensions

GRUSE designs and manufactures lift tables for specific applications.

Lift table ELS 6-8-SO



Special model

Example of a Lift table ELS

- | Lifting table with a tilting platform
- | T-slot plate as tabletop tilts 90°
- | Integrated rotating platform
- | Load-bearing capacity 6000 kg
- | Special dimensions

Product overview

Model specifications

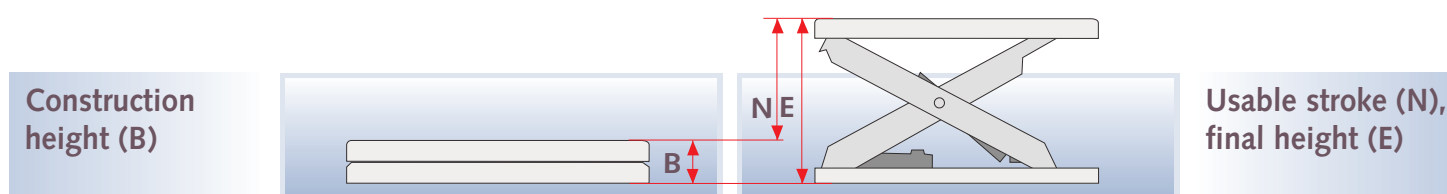
Model designation	Load-bearing capacity (500 kg)	Usable stroke (500 mm)	Tabletop (800 x 600 mm)
ELS	0.5	5	01

Single scissor lift tables

Lift table ELS

Load-bearing capacity kg	Construction height (B) mm	Usable stroke (N) mm	Final height (E) mm	Tabletop mm	Sub-frame mm	Lifting time approx. sec.	Power kW	Weight approx. kg	Type
500	170	500	670	800 x 600	800 x 580	8	0.8	180	ELS 0.5-5-01
500	170	500	670	800 x 800	800 x 580	8	0.8	190	ELS 0.5-5-02
500	170	500	670	1000 x 600	800 x 580	8	0.8	190	ELS 0.5-5-03
500	170	500	670	1000 x 800	800 x 580	8	0.8	200	ELS 0.5-5-04
500	170	800	970	1250 x 800	1250 x 750	14	0.8	260	ELS 0.5-8-1
500	170	800	970	1250 x 1000	1250 x 750	14	0.8	270	ELS 0.5-8-2
500	170	800	970	1400 x 800	1250 x 750	14	0.8	270	ELS 0.5-8-3
500	170	800	970	1400 x 1000	1250 x 750	14	0.8	280	ELS 0.5-8-4
500	200	1000	1200	1500 x 800	1500 x 750	16	1.1	300	ELS 0.5-10-5
500	200	1000	1200	1500 x 1000	1500 x 750	16	1.1	320	ELS 0.5-10-6
500	200	1000	1200	1700 x 800	1500 x 750	16	1.1	320	ELS 0.5-10-7
500	200	1000	1200	1700 x 1000	1500 x 750	16	1.1	330	ELS 0.5-10-8
500	230	1300	1530	2000 x 1000	2000 x 900	22	1.1	450	ELS 0.5-13-9
500	230	1300	1530	2000 x 1250	2000 x 900	22	1.1	470	ELS 0.5-13-10
500	230	1300	1530	2300 x 1000	2000 x 900	22	1.1	470	ELS 0.5-13-11
500	230	1300	1530	2300 x 1250	2000 x 900	22	1.1	490	ELS 0.5-13-12
1000	180	800	980	1250 x 800	1250 x 750	17	1.1	270	ELS 1-8-1
1000	180	800	980	1250 x 1000	1250 x 750	17	1.1	280	ELS 1-8-2
1000	180	800	980	1400 x 800	1250 x 750	17	1.1	280	ELS 1-8-3
1000	180	800	980	1400 x 1000	1250 x 750	17	1.1	290	ELS 1-8-4
1000	200	1000	1200	1500 x 800	1500 x 750	14	2.3	320	ELS 1-10-5
1000	200	1000	1200	1500 x 1000	1500 x 750	14	2.3	330	ELS 1-10-6
1000	200	1000	1200	1700 x 800	1500 x 750	14	2.3	330	ELS 1-10-7
1000	200	1000	1200	1700 x 1000	1500 x 750	14	2.3	340	ELS 1-10-8
1000	200	1300	1500	2000 x 1000	2000 x 900	18	2.3	460	ELS 1-13-9
1000	200	1300	1500	2000 x 1250	2000 x 900	18	2.3	480	ELS 1-13-10
1000	200	1300	1500	2300 x 1000	2000 x 900	18	2.3	480	ELS 1-13-11
1000	200	1300	1500	2300 x 1250	2000 x 900	18	2.3	500	ELS 1-13-12
1000	220	1600	1820	2500 x 1000	2500 x 900	30	2.3	670	ELS 1-16-13
1000	220	1600	1820	2500 x 1250	2500 x 900	30	2.3	700	ELS 1-16-14
1000	280	1600	1880	2500 x 1600	2500 x 1500	34	2.9	1000	ELS 1-16-18
1000	280	1600	1880	3000 x 2000	2500 x 1500	34	2.9	1150	ELS 1-16-19
2000	200	800	1000	1250 x 800	1250 x 750	17	2.3	300	ELS 2-8-1
2000	200	800	1000	1250 x 1000	1250 x 750	17	2.3	310	ELS 2-8-2
2000	200	800	1000	1400 x 800	1250 x 750	17	2.3	310	ELS 2-8-3
2000	200	800	1000	1400 x 1000	1250 x 750	17	2.3	320	ELS 2-8-4

Product overview



Single scissor lift tables

Lift table ELS

*Hydraulic unit outside on 2 m hose

Load-bearing capacity kg	Construction height (B) mm	Usable stroke (N) mm	Final height (E) mm	Tabletop mm	Sub-frame mm	Lifting time approx. sec.	Power kW	Weight approx. kg	Type
2000	230	1000	1230	1500 x 800	1500 x 750	27	2.3	500	ELS 2-10-5
2000	230	1000	1230	1500 x 1000	1500 x 750	27	2.3	510	ELS 2-10-6
2000	230	1000	1230	1700 x 800	1500 x 750	27	2.3	510	ELS 2-10-7
2000	230	1000	1230	1700 x 1000	1500 x 750	27	2.3	530	ELS 2-10-8
2000	260	1300	1560	2000 x 1000	2000 x 900	21	2.9	760	ELS 2-13-9
2000	260	1300	1560	2000 x 1250	2000 x 900	21	2.9	780	ELS 2-13-10
2000	260	1300	1560	2300 x 1000	2000 x 900	21	2.9	780	ELS 2-13-11
2000	260	1300	1560	2300 x 1250	2000 x 900	21	2.9	800	ELS 2-13-12
2000	300	1600	1900	2500 x 1000	2500 x 900	34	2.9	870	ELS 2-16-13
2000	300	1600	1900	2500 x 1250	2500 x 900	34	2.9	900	ELS 2-16-14
2000	350	1600	1950	2500 x 1600	2500 x 1500	34	2.9	1200	ELS 2-16-18
2000	350	1600	1950	3000 x 2000	2500 x 1500	34	2.9	1350	ELS 2-16-19
3000	280	800	1080	1250 x 800	1250 x 750	24	2.3	530	ELS 3-8-1
3000	280	800	1080	1250 x 1000	1250 x 750	24	2.3	560	ELS 3-8-2
3000	280	800	1080	1400 x 800	1250 x 750	24	2.3	560	ELS 3-8-3
3000	280	800	1080	1400 x 1000	1250 x 750	24	2.3	570	ELS 3-8-4
3000	280	1000	1280	1500 x 800	1500 x 750	27	2.3	600	ELS 3-10-5
3000	280	1000	1280	1500 x 1000	1500 x 750	27	2.3	610	ELS 3-10-6
3000	280	1000	1280	1700 x 800	1500 x 750	27	2.3	610	ELS 3-10-7
3000	280	1000	1280	1700 x 1000	1500 x 750	27	2.3	620	ELS 3-10-8
3000	280	1300	1580	2000 x 1000	2000 x 900	25	2.9	750	ELS 3-13-9
3000	280	1300	1580	2000 x 1250	2000 x 900	25	2.9	780	ELS 3-13-10
3000	280	1300	1580	2300 x 1000	2000 x 900	25	2.9	780	ELS 3-13-11
3000	280	1300	1580	2300 x 1250	2000 x 900	25	2.9	800	ELS 3-13-12
3000	350	1600	1950	2500 x 1000	2500 x 900	34	2.9	970	ELS 3-16-13
3000	350	1600	1950	2500 x 1250	2500 x 900	34	2.9	1000	ELS 3-16-14
3000	350	1600	1950	2500 x 1600	2500 x 1500	34	2.9	1350	ELS 3-16-18
3000	350	1600	1950	3000 x 2000	2500 x 1500	34	2.9	1450	ELS 3-16-19
4000	310	800	1110	1400 x 800	1400 x 750	32	2.3*	600	ELS 4-8-3
4000	310	800	1110	1400 x 1000	1400 x 750	32	2.3*	620	ELS 4-8-4
4000	350	1000	1350	1700 x 800	1600 x 750	28	2.9*	700	ELS 4-10-7
4000	350	1000	1350	1700 x 1000	1600 x 750	28	2.*	730	ELS 4-10-8
4000	350	1300	1650	2000 x 1000	2000 x 900	28	4.4	950	ELS 4-13-9
4000	350	1300	1650	2000 x 1250	2000 x 900	28	4.4	1000	ELS 4-13-10
4000	350	1300	1650	2300 x 1000	2000 x 900	28	4.4	1000	ELS 4-13-11
4000	350	1300	1650	2300 x 1250	2000 x 900	28	4.4	1050	ELS 4-13-12

Product overview

Model specifications	Model designation	Load-bearing capacity (4000 kg)	Usable stroke (1600 mm)	Tabletop (2500 x 1000 mm)
	ELS	4	16	13

Single scissor lift tables

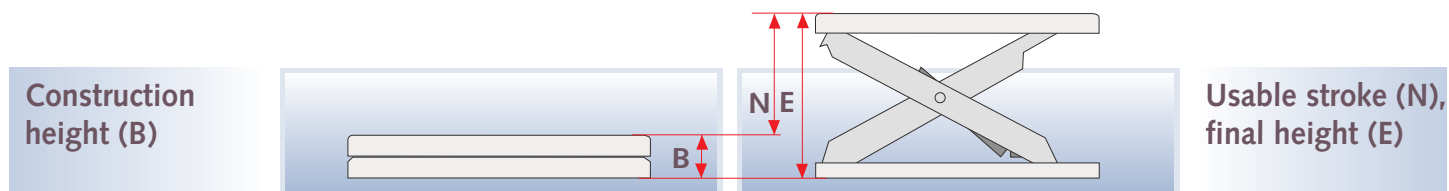
Lift table ELS

*Hydraulic unit outside on 2 m hose

Load-bearing capacity kg	Construction height (B) mm	Usable stroke (N) mm	Final height (E) mm	Tabletop mm	Sub-frame mm	Lifting time approx. sec.	Power kW	Weight approx. kg	Type
4000	410	1600	2010	2500 x 1000	2500 x 900	38	4.4	1350	ELS 4-16-13
4000	410	1600	2010	2500 x 1250	2500 x 900	38	4.4	1400	ELS 4-16-14
4000	410	1600	2010	2500 x 1600	2500 x 1500	38	4.4	1600	ELS 4-16-18
4000	410	1600	2010	3000 x 2000	2500 x 1500	38	4.4	1800	ELS 4-16-19
5000	310	800	1110	1400 x 800	1400 x 750	32	2.3*	600	ELS 5-8-3
5000	310	800	1110	1400 x 1000	1400 x 750	32	2.3*	620	ELS 5-8-4
5000	350	1000	1350	1700 x 800	1600 x 750	28	2.9*	700	ELS 5-10-7
5000	350	1000	1350	1700 x 1000	1600 x 750	28	2.9*	730	ELS 5-10-8
5000	350	1300	1650	2000 x 1000	2000 x 900	28	4.4	950	ELS 5-13-9
5000	350	1300	1650	2000 x 1250	2000 x 900	28	4.4	1000	ELS 5-13-10
5000	350	1300	1650	2300 x 1000	2000 x 900	28	4.4	1000	ELS 5-13-11
5000	350	1300	1650	2300 x 1250	2000 x 900	28	4.4	1050	ELS 5-13-12
5000	410	1600	2010	2500 x 1000	2500 x 900	38	4.4	1300	ELS 5-16-13
5000	410	1600	2010	2500 x 1250	2500 x 900	38	4.4	1400	ELS 5-16-14
5000	410	1600	2010	2500 x 1600	2500 x 1500	38	4.4	1600	ELS 5-16-18
5000	410	1600	2010	3000 x 2000	2500 x 1500	38	4.4	1800	ELS 5-16-19
6000	350	1300	1650	2000 x 1000	2000 x 900	28	4.4	1050	ELS 6-13-9
6000	350	1300	1650	2300 x 1250	2000 x 900	28	4.4	1150	ELS 6-13-12
6000	410	1600	2010	2500 x 1000	2500 x 900	38	4.4	1450	ELS 6-16-13
6000	410	1600	2010	2500 x 1600	2500 x 1500	38	4.4	1700	ELS 6-16-18
6000	410	1600	2010	3000 x 2000	2500 x 1500	38	4.4	1900	ELS 6-16-19
8000	450	1300	1750	2100 x 1000	2100 x 900	40	5.5*	1250	ELS 8-13-9
8000	450	1300	1750	2300 x 1250	2100 x 900	40	5.5*	1350	ELS 8-13-12
8000	550	1600	2150	2600 x 1000	2600 x 900	50	5.5*	1500	ELS 8-16-13
8000	550	1600	2150	2600 x 1600	2600 x 1500	50	5.5	1800	ELS 8-16-18
8000	550	1600	2150	3000 x 2000	2600 x 1500	50	5.5	2000	ELS 8-16-19
10000	550	1300	1850	2100 x 1000	2100 x 900	50	5.5*	1350	ELS 10-13-9
10000	550	1300	1850	2300 x 1250	2100 x 900	50	5.5*	1450	ELS 10-13-12
10000	600	1600	2200	2600 x 1000	2600 x 900	62	5.5*	1700	ELS 10-16-13
10000	600	1600	2200	2600 x 1600	2600 x 1500	62	5.5	1900	ELS 10-16-18
10000	600	1600	2200	3000 x 2000	2600 x 1500	62	5.5	2100	ELS 10-16-19

Other dimensions and load-bearing capacity on request.

Product overview



Single scissor lift tables

Lift table ELS with foot pump 2 m outside in the pump frame

Load-bearing capacity kg	Construction height (B) mm	Usable stroke (N) mm	Final height (E) mm	Tabletop mm	Sub-frame mm	Stroke per pedal step mm	Power kW	Weight approx. kg	Type
500	290	500	790	800 x 600	800 x 580	15	-	180	ELS 0.5-5-01FP
500	290	500	790	800 x 800	800 x 580	15	-	190	ELS 0.5-5-02FP
500	290	500	790	1000 x 600	800 x 580	15	-	190	ELS 0.5-5-03FP
500	290	500	790	1000 x 800	800 x 580	15	-	200	ELS 0.5-5-04FP
500	290	800	1090	1250 x 800	1250 x 750	15	-	260	ELS 0.5-8-1FP
500	290	800	1090	1250 x 1000	1250 x 750	15	-	270	ELS 0.5-8-2FP
500	290	800	1090	1400 x 800	1250 x 750	15	-	270	ELS 0.5-8-3FP
500	290	800	1090	1400 x 1000	1250 x 750	15	-	280	ELS 0.5-8-4FP
500	320	1000	1320	1500 x 800	1500 x 750	12	-	310	ELS 0.5-10-5FP
500	320	1000	1320	1500 x 1000	1500 x 750	12	-	320	ELS 0.5-10-6FP
500	320	1000	1320	1700 x 800	1500 x 750	12	-	320	ELS 0.5-10-7FP
500	320	1000	1320	1700 x 1000	1500 x 750	12	-	330	ELS 0.5-10-8FP
500	350	1300	1650	2000 x 1000	2000 x 900	10	-	450	ELS 0.5-13-9FP
500	350	1300	1650	2000 x 1250	2000 x 900	10	-	470	ELS 0.5-13-10FP
500	350	1300	1650	2300 x 1000	2000 x 900	10	-	470	ELS 0.5-13-11FP
500	350	1300	1650	2300 x 1250	2000 x 900	10	-	490	ELS 0.5-13-12FP

Other dimensions and load-bearing capacity on request.

Double scissor lift tables

Lift table ELD



Lift table ELD 1-26-9

Maximum working heights

Standard fittings

GRUSE Lift table ELD is ideal for use where greater lifting heights and compact dimensions are required. The constructional modification results from its application. Standard-equipped with the same fittings as the ELS.

Lift table ELD 1-26-SO equipped as loading table



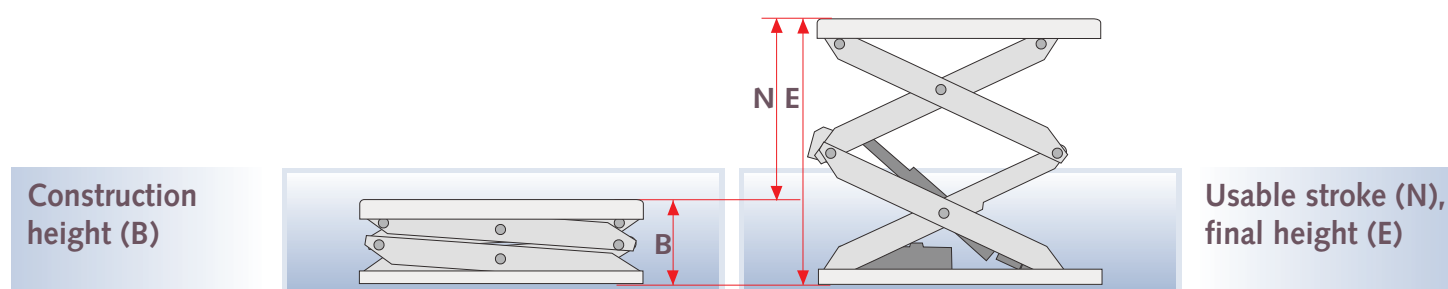
Customised products

Example: Loading table Lift table ELD

- I Tabletop with non-slip surface
- I Railing
- I Special dimensions

Double scissor lift tables

Lift table ELD



Model specifications	Model designation	Load-bearing capacity (1000 kg)	Usable stroke (1600 mm)	Tabletop (1250 x 800 mm)
	ELD	1	16	1

Double scissor lift tables

Lift table ELD

*Hydraulic unit outside on 2 m hose

Load-bearing capacity kg	Construction height (B) mm	Usable stroke (N) mm	Final height (E) mm	Tabletop mm	Sub-frame mm	Lifting time approx. sec.	Power kW	Weight approx. kg	Type
1000	350	1600	1950	1250 x 800	1250 x 750	21	2.3	450	ELD 1-16-1
1000	400	2000	2400	1500 x 800	1500 x 750	26	2.3	600	ELD 1-20-5
1000	450	2600	3050	2000 x 1000	2000 x 900	37	2.3	900	ELD 1-26-9
2000	400	1600	2000	1250 x 800	1250 x 750	30	2.9*	600	ELD 2-16-1
2000	450	2000	2450	1500 x 800	1500 x 750	35	2.9*	720	ELD 2-20-5
2000	500	2600	3100	2000 x 1000	2000 x 900	48	2.9*	1000	ELD 2-26-9
3000	450	1600	2050	1250 x 800	1250 x 750	43	2.9*	700	ELD 3-16-1
3000	500	1800	2300	1500 x 800	1500 x 750	50	2.9*	840	ELD 3-18-5
3000	500	1800	2300	2000 x 1000	1500 x 750	50	2.9*	1000	ELD 3-18-9
4000	500	1600	2100	1250 x 800	1250 x 750	40	4.4*	1200	ELD 4-16-1
4000	550	1800	2350	1700 x 800	1500 x 750	45	4.4*	1300	ELD 4-18-7
4000	550	1800	2350	2000 x 1000	1500 x 750	45	4.4*	1400	ELD 4-18-9
5000	550	1600	2150	1400 x 800	1250 x 750	40	5.5*	1200	ELD 5-16-3
5000	600	1800	2400	1700 x 800	1500 x 750	45	5.5*	1300	ELD 5-18-7
5000	600	1800	2400	2000 x 1000	1500 x 750	45	5.5*	1400	ELD 5-18-9

Other dimensions and load-bearing capacity on request.

Tandem scissor lift tables

Lift table ELT



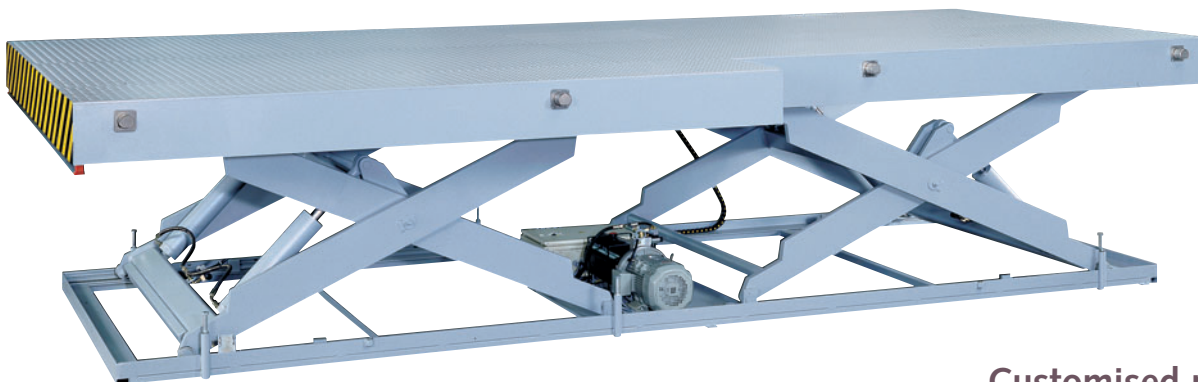
Lift table ELT 3-8-15

Flat and long

Standard fittings

GRUSE Lift tables with tandem scissor, Eurolift ELTs, deliver optimum function for long products. Features the same basic equipment as the ELS and ELD models. The only difference is the horizontally positioned tandem scissor unit.

Lift table ELT 1.5-10-16



Customised products

Example: Lift table ELT pit installation

I Tabletop made of tear plate

I Bolt locking device

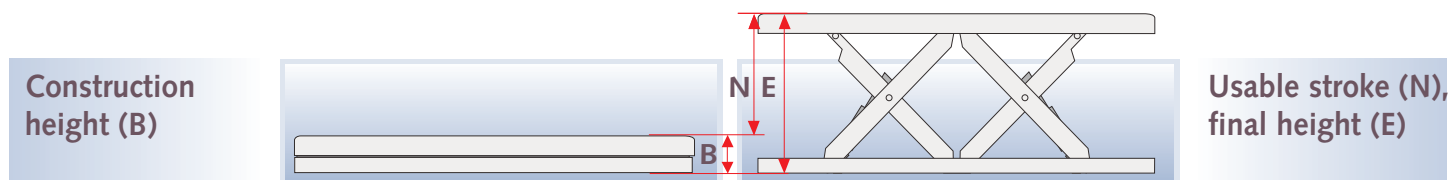
I Special dimensions

I Special colour

GRUSE provides custom variants in any size and any load-bearing capacity.

Tandem scissor lift tables

Lift table ELT



Model specifications	Model designation	Load-bearing capacity (1500 kg)	Usable stroke (800 mm)	Tabletop (2500 x 800 mm)
	ELT	1.5	8	15

Tandem scissor lift tables

Lift table ELT

*Hydraulic unit outside on 2 m hose

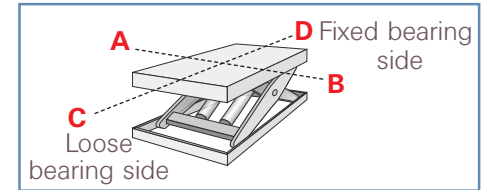
Load-bearing capacity kg	Construction height (B) mm	Usable stroke (N) mm	Final height (E) mm	Tabletop mm	Sub-frame mm	Lifting time approx. sec.	Power kW	Weight approx. kg	Type
1500	180	800	980	2500 x 800	2500 x 750	18	2.3*	530	ELT 1.5-8-15
1500	200	1000	1200	3000 x 800	3000 x 750	28	2.3*	900	ELT 1.5-10-16
1500	200	1300	1500	4000 x 1000	4000 x 900	36	2.3*	1300	ELT 1.5-13-17
1500	220	1600	1820	5000 x 1000	5000 x 900	40	2.9*	1520	ELT 1.5-16-20
3000	200	800	1000	2500 x 800	2500 x 750	22	2.9*	800	ELT 3-8-15
3000	230	1000	1230	3000 x 800	3000 x 750	35	2.9*	1050	ELT 3-10-16
3000	280	1300	1580	4000 x 1000	4000 x 900	38	4.4*	1500	ELT 3-13-17
3000	300	1600	1900	5000 x 1000	5000 x 900	50	4.4*	1700	ELT 3-16-20
4000	280	1000	1280	3000 x 800	3000 x 750	35	2.9*	1100	ELT 4-10-16
4000	280	1300	1580	4000 x 1000	4000 x 900	37	4.4*	1500	ELT 4-13-17
4000	350	1600	1950	5000 x 1000	5000 x 900	50	4.4*	1900	ELT 4-16-20
6000	350	1300	1650	4000 x 1000	4000 x 900	45	5.5*	1900	ELT 6-13-17
6000	410	1600	2010	5000 x 1000	5000 x 900	61	5.5*	2700	ELT 6-16-20
8000	350	1300	1650	4000 x 1000	4000 x 900	45	5.5*	1900	ELT 8-13-17
8000	410	1600	2010	5000 x 1000	5000 x 900	61	5.5*	2700	ELT 8-16-20
10000	450	1300	1750	4000 x 1000	4000 x 900	45	5.5*	2100	ELT 10-13-17
10000	550	1600	2150	5000 x 1000	5000 x 900	61	5.5*	2900	ELT 10-16-20

Other dimensions and load-bearing capacity on request.

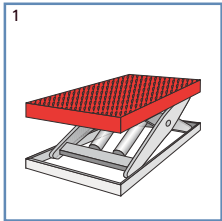
Lift tables

Lift tables ELS, ELD, ELT

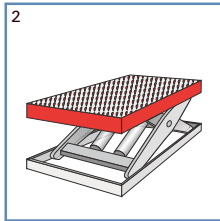
Side definition



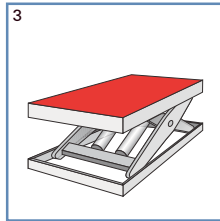
Tabletop, upper frame



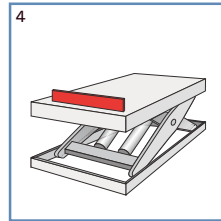
1 **Tabletop made of tear plate**
(standard in pit version package)



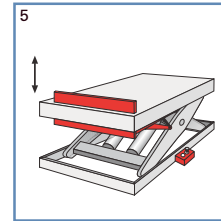
2 **Tabletop made of 2.5 mm aluminium stud plate**
(screwed on as surface top)



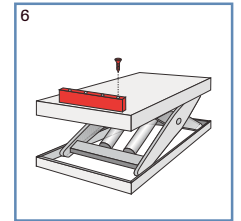
3 **Non-slip surface**



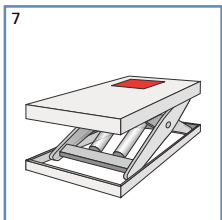
4 **Welded roll-away protection**
(H = 100 mm)



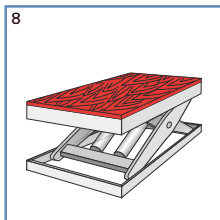
5 **Roll-away protection in the tabletop** (retracted in basic position, L = max. 2400 mm, 100 mm clearance to the sub-frame is required)



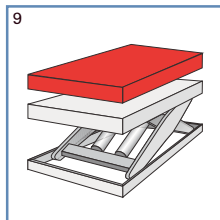
6 **Roll-away fitting screwed to the tabletop**
(H = 80 mm)



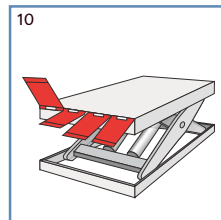
7 **Service opening in the tabletop**
(standard in pit version package in the case of internal hydraulic unit)



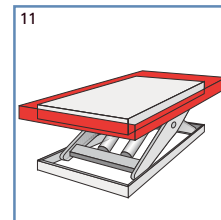
8 **Multiplex wooden surface, 20 mm,**
on the table



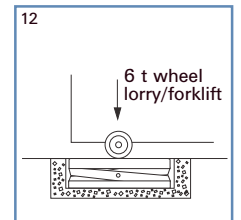
9 **Tablet op hood made of 2 mm smooth stainless steel plates**



10 **Loading plates manual or hydraulically operated** on all sides possible, L = 410 mm, split version

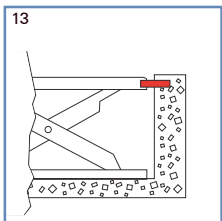


11 **Tabletop extension**
max. +15 %

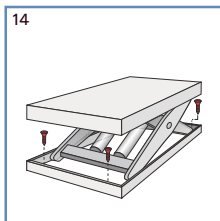


12 **6 t wheel load drive-over capacity when fully retracted** (Construction height + 50 mm)

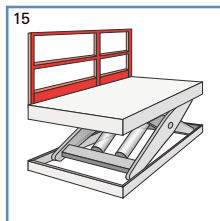
Railing (height 1100 mm)



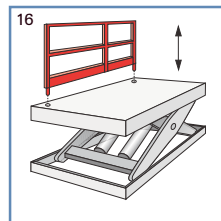
13 **Tabletop secures in place via 4 bolts,**
with pit frame, operates via manual push button control, position of bolts in the long side (Construction height +100 mm)



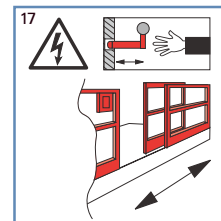
14 **Rubber puffer under the platform**
provides dampening



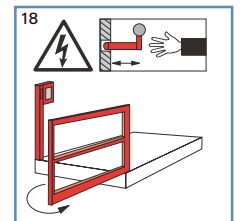
15 **Welded railing**
(weight approx. 13.5 kg/m)



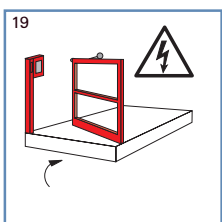
16 **Removeable railing**
(weight approx. 13.5 kg/m)



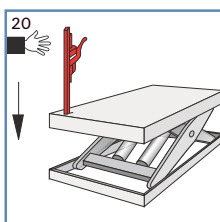
17 **Sliding door in the railing** (W = 800 mm) with elec. and mech. locking system
Table length min. 2000 mm (door side)



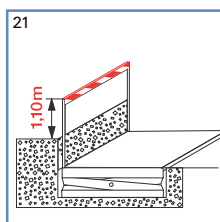
18 **Outward-opening door in the railing,** with elec. and mech. locking system (The door can be opened in lowered or raised position; please specify)



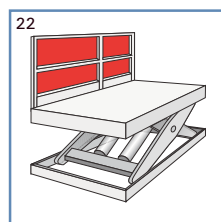
19 **Inward opening door in the railing,** with elec. and mech. locking system



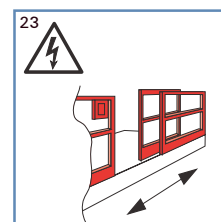
20 **Emergency lower on the tabletop**
(no stop valves on the cylinder)



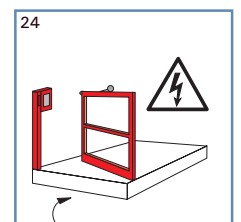
21 **Portal railing on the tabletop**
(1100 mm above the ramp)



22 **Additional metal railing panelling**

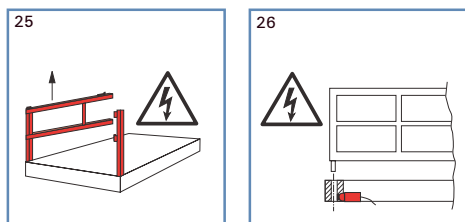


23 **Sliding door in the railing** (W = 800 mm) with elec. monitoring, table length min. 2000 mm (door side)



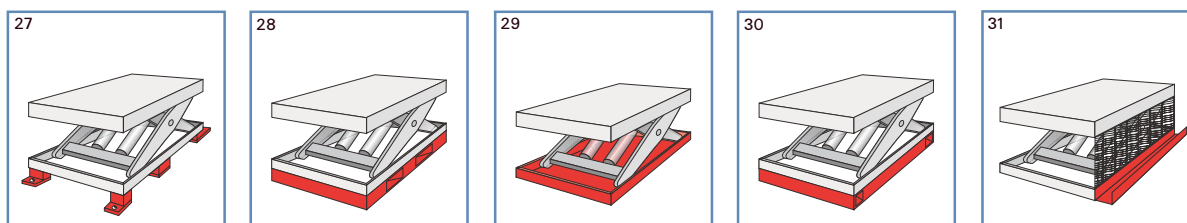
24 **Inward opening door in the railing,** with elec. monitoring

Railing (height 1100 mm)



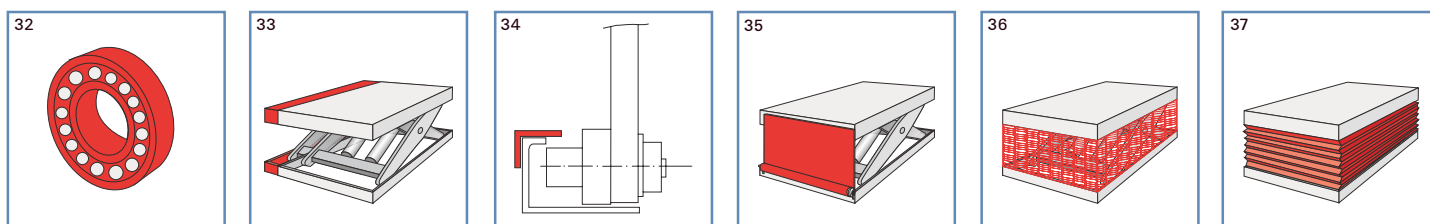
- 25 Railing door acts as double arm barrier with elec. monitoring
- 26 Electrical monitoring, one unit per inserted railing

Sub-frame



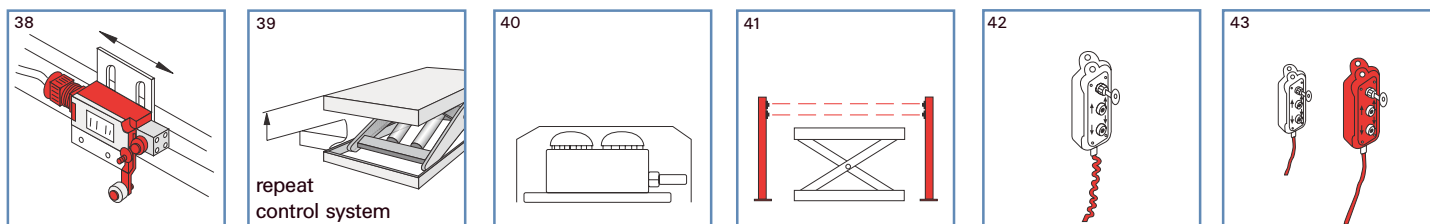
- 27 Base with legs, H = 100 - 200 mm self-supporting sub-frame required
- 28 Forklift truck sub-frame with 255 mm openings (Construction height + approx. 100 mm)
- 29 Sub-frame in overflow oil collection tray (Construction height + 5 mm)
- 30 Self-supporting sub-frame (Construction height + approx. 100 mm)
- 31 Steel trough for safety mesh

Scissor



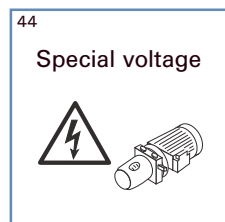
- 32 Antifriction and joint roller bearing set for running rollers, scissor shaft and fixed scissor bearing (Construction height + 20 mm incl. wear rail)
- 33 Scissor modification (max. W = L),
- 34 Anti-lift safeguard for the scissor rollers
- 35 Protective blind, 100 mm clearance per side from the outside edge of the tabletop to the sub-frame required
- 36 Wire mesh protective screen, 100 mm clearance per side from the outside edge of the tabletop to the sub-frame required
- 37 Protective bellows, 100 mm clearance per side from the outside edge of the tabletop to the sub-frame required

Electrical equipment

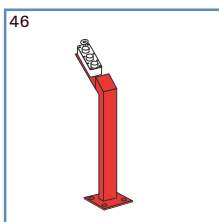
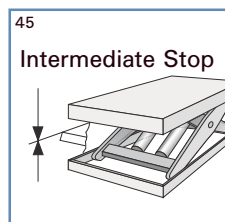


- 38 Adjustable limit switch
- 39 Automatic height adjustment for control of the final height by means of roll switches (+/- 20 mm)
- 40 Foot control with key switch and EMERGENCY-OFF instead of manual push button control
- 41 Photocell control system during lifting or lowering (specify), transmitter and receiver outside on a stand
- 42 Manual push button control on 3 m spiral cable (instead of standard cable)
- 43 Additional push button control on 3 m cable

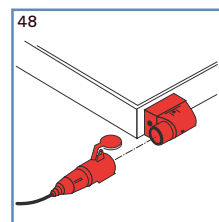
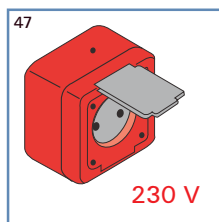
Electrical equipment



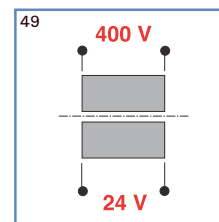
44 Motor with specific voltage
45 Intermediate stop during lifting or lowering



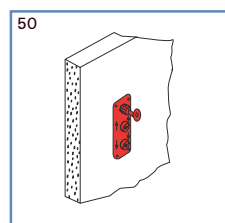
46 Control column
Holds a manual push button control
47 Socket with cover on upper frame for main power supply 230 V



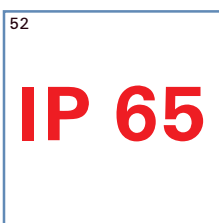
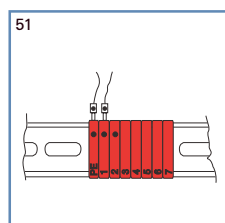
48 Socket for supply cable power connector or power cable mounts to frame, with socket on cable



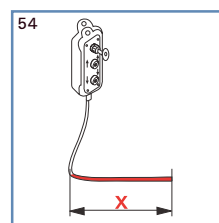
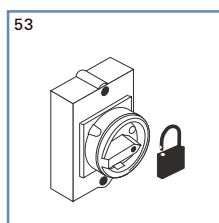
49 Control voltage
24 V AC = standard



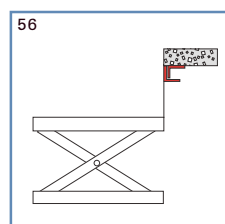
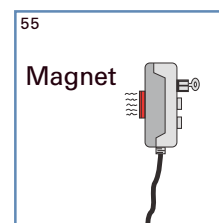
50 Manual push button control flush-mounted version
51 Wired to terminal strip, without control unit, valves 24 V DC



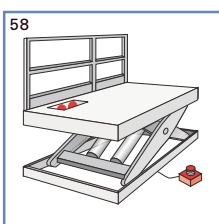
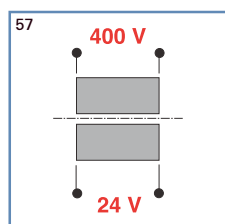
52 Special protection class IP 65 (Standard IP 54)
53 Main switch with padlock, 16 - 20 A, surface-mounted



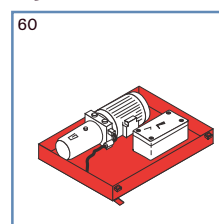
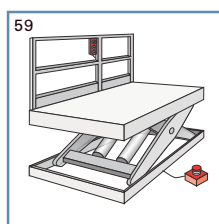
54 Cable extension from control and power cable up to x metres (3 m standard each)
55 Magnetic mount for manual keypad



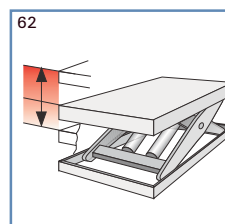
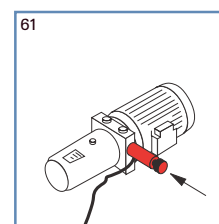
56 Contact strip bolted to the floor underside for underride protection during upward movement, Construction height approx. 130 mm
57 Control voltage 24 V DC



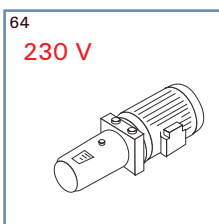
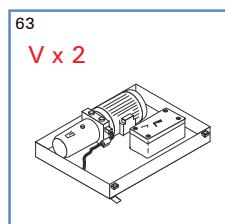
58 Foot control with EMERGENCY-OFF button set into the tabletop, EMERGENCY-OFF button loose on 3 m cable instead of manual push button control, 1 m railing required
59 Manual push button control with EMERGENCY-OFF button on the railing, EMERGENCY-OFF button loose on 3 m cable instead of



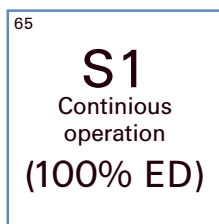
manual push button control
60 Hydraulic unit and control system 2 m outside in an overflow oil collection tray
61 Emergency release on the hydraulic unit (no stop valves on the cylinder)



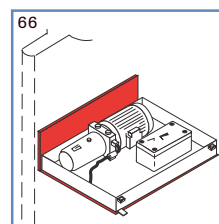
62 Hydraulic end dampening during lowering
63 Emergency release on the hydraulic unit (no stop valves on the cylinder)



64 230 V hydraulic pump, instead of 400 V hydraulic unit (only possible up to 1.1 kW hydraulic unit)



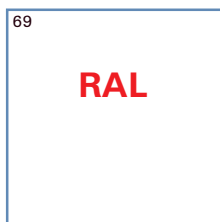
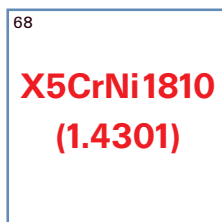
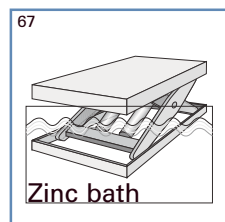
65 Hydraulic unit with 100 % ED Continuous operation with pressure-less circulation (External aggregate)



66 External hydraulic unit with 5 m hose, overflow oil collection tray and wall panel

Hydraulics

Surface finish

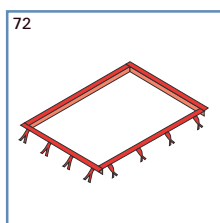
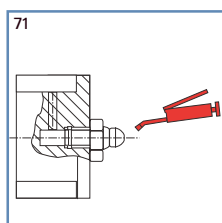
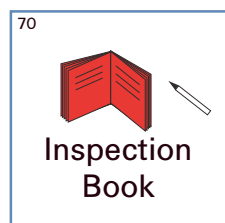


67 Hot galvanised model
(cylinder and pump painted)

68 Stainless steel model
Material: 1.4301 (cylinder nickel-plated
and pump painted)

69 Special colour

Miscellaneous

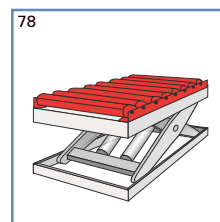
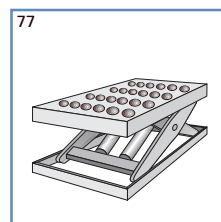
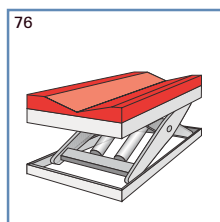
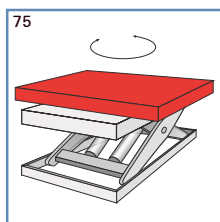
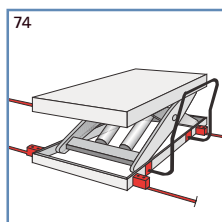
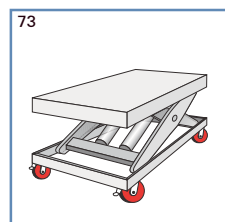


70 Inspection book (only when specified with an
order for a machine)

71 Bearing that can be lubricated

72 Fitted frame for pit installation

Available on request



73 Lift table with rolling undercarriage

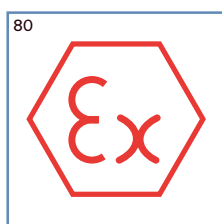
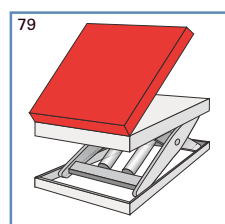
74 Lift table with rail bound travelling system

75 Lift table with rotating platform

76 Lift table with prism surface

77 Lift table with roller bearing platform

78 Lift table with roller conveyor



79 Lift table with tilting platform

80 EX lift table
(hazardous area installation)



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