

We rise above and beyond...

SCISSOR LIFT TABLES

Scissors lift tables for industrial applications • Lorry loaders • Pallet dispensers
Lift tables with undercarriage • Tilting lift tables • Level and electric lifters • Loading and adapter ramps

kraus

Eine Idee voraus

BETRIEBSAUSSTATTUNG
FÖRDERTECHNIK

Tel.: +43

ce@kraus.

co.at



STAUFAHRTSITZ
MECHANISCH VERriegELT IST
BEI DENNEN UNTER DER PLATTFORM STEHT

Kraus

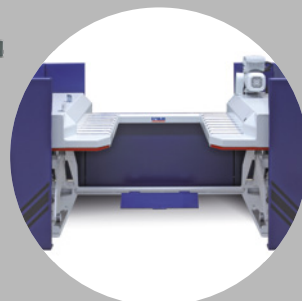
Kraus



CE



***Become a weight lift professional!
And without tough training.***



Lift table checklist

Quotation fax form – simply copy & fill in
the lift table details and send by fax

(Fax: +43 463 3860 69)

Yes, please send a quotation to:

Company:	
Street:	Postcode & town.:
Business activity:	Phone.:
Name:	Fax:
Department:	Email:

Questions

How will you be using your lift table?

Answers

- as a workplace tool helping to work off stacks
- to bridge levels across on-site steps
- to lift materials from one floor to the next
- for loading lorries
- as a handicap lift
- as part of a conveyor system (e.g. rigged-up roller conveyor)

Where will you be using your lift table?

- in a factory building
- outdoors and covered
- outdoors and not covered

Which types of load should the lift table be designed for?

- evenly distributed load
- partly distributed load
- partly concentrated load moving forward / backward
- partly concentrated load moving in any direction

How will the table be loaded?

- by a pallet truck pushed onto the platform
- by a forklift driving onto the platform (please enter forklift's dead weight) _____ kg
- by a forklift stacking the load on the platform (without driving onto the table)
- by a crane
- manually
- from the long side
- from the short side
- by means of roller conveyor
- lift table up
- lift table down

Which are your preferred design data?

capacity (kg): _____
effective stroke (mm): _____
platform length (mm): _____
platform width (mm): _____
strokes per hour: _____
hours per day: _____

Which is your favourite lift table colour?

- standard RAL 6011 (green)
- RAL 5015 (blue)
- RAL 7043 (grey)
- other colours on request:

How will the lift table be placed on site?

- in a pit (ask Kraus for a pit drawing)
- not in a pit but simply placed on and attached to industrial flooring

Where will the assembly be located?

- internal
- external (specify required hose length)

Which is your favourite control unit design?

- standard dead men's control unit (lift/lower)
with hand-held push button and 3 m cable
- foot-operated switch
- no control unit
- special control unit providing the following functions:

Which specific requirements does
the lift table have to meet?

- cyclic operation
- supplier specifications

Which accessories would you like to know more about?

- override guard by PVC roller apron
- roller conveyor construction
- hydraulically unlockable check valves



Mobile low-duty single and double scissor lift tables

with foot-operated hydraulics

Lift table cart, model 6830

- section steel/steel sheet design, powder-coated RAL 5007 (blue)
- sturdy tubular push handle, foldaway or fixed screw mount variants
- hydraulic pump with chromium-plated piston, operated by pedal
- lowering valve operated by very responsive hand lever
- 2 castor / 2 fixed wheels with polyurethane tyres; lockable castors

Model 6831

- foldaway tubular push handle

Model 6832

- fixed screw-mounted tubular push handle

Model 6833/6834/6835

- fixed screw-mounted tubular push handle

Model 6836/6837

- double scissors for extended extra stroke
- fixed screw-mounted tubular push handle

* Accessories

Roller conveyor with removable rigid frame

for lift tables with a 1010 mm x 520 mm platform; section steel frame with retaining brackets and 2 foldaway stops; powder-coated RAL 5007 (blue); nine 57 mm diameter steel rollers with ball bearings 430 mm long, 112.5 mm wheel base, 64 mm high, capacity: 500 kg, art. no. 1220540 89

Roller conveyor with swivel-mounted slewing ring

mounted on platform by a compression fitting; full-circle swivel range, lockable; six 57 mm diameter steel rollers with ball bearings 430 mm long, 110 mm wheel base, 92 mm high, capacity: 500 kg, art. no. 1220541 89



Lift table cart model 6831



Lift table cart model 6832



Lift table cart model 6833/6834/6835



Lift table cart model 6836/6837

A Lift table cart model 6830

Model	Capacity (kg)	Stroke Length (mm)	Platform Size L x W (mm)	Overall Size L x W (mm)	Wheel Dia. (mm)	Weight (kg)	Art. No.
6831	150	265 - 755	700 x 450	950 x 450	100	41	1220533 89
6832	250	330 - 910	830 x 500	1010 x 500	125	78	1220534 89
6833	500	435 - 1000	1010 x 520	1185 x 520	150	118	1220535 89
6834	750	442 - 1000	1010 x 520	1260 x 520	150	120	1220536 89
6835	1000	445 - 950	1010 x 520	1260 x 520	150	137	1220537 89
6836	300	435 - 1585	1010 x 520	1260 x 520	150	150	1220538 89
6837	500	440 - 1575	1010 x 520	1260 x 520	150	168	1220539 89



SP series lift table cart

- low design height
- stroke provided by scissors, lifting operated by foot pedal
- safe continuous lowering by lever on handle
- sturdy construction of welded section steel
- constant velocity release valve
- easy to handle high-quality foot-operated hydraulic pump
- maintenance-free



SP 300 tyres:

lockable polyurethane castor wheels with foot protection, dia. 125 mm

SP 150 tyres:

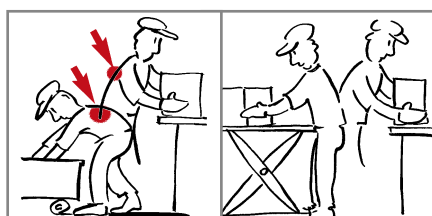
lockable polyurethane castor wheels with foot protection and thread guard, dia. 100 mm



Lift table cart model SP 300



Lift table cart model SP 150



Before	After
Are you interested in an ergonomic and more efficient organisation of your work?	An ergonomic workplace design not only enhances employee health – it is also a plus for safety and efficiency!
We'd love to be at your side to assist you! Phone.: +43 463 3860 68	

B SP series lift table cart

Model	SP 150	SP 300	SP 500
Capacity (kg)	150	300	500
Stroke Length (mm)	225 - 740	340 - 900	340 - 900
Platform Size, L x W (mm)	740 x 450	800 x 500	855 x 500
Overall Size, L x W (mm)	770 x 450	935 x 500	935 x 500
Wheel Dia. (mm)	100	125	125
Weight (kg)	44	75	89
Art. No.	1200008 89	1200009 89	1200012 89

Manual scissor lift tables

SPA series

Features

- capacity range: 150 kg to 1.5 t
- sturdy steel frame design
- stable scissor struts
- high-quality powder-coat finish
- high-quality hydraulic pump
- strong foot pump for lifting the table with little effort
- hand lever for regulated and continuous lowering of the table
- locking brakes on both castors
- polyurethane roller finish ensures an extremely quiet and smooth run across level surfaces



Model SPF680



Model SPA800

A Manual scissor lift tables

Model	Capacity (kg)	Min. Height (mm)	Max. Height (mm)	Length (mm)	Width (mm)	Handle Height (mm)	Design	Weight (kg)	Art. No.
SPA 500	500	340	900	855	500	970	single scissors	92	1370001 89
SPA 800	800	420	1000	1000	510	990	single scissors	120	1370002 89
SPA 1000	1000	380	1000	1020	510	950	single scissors	121	1370003 89
SPA 1500	1500	420	1000	1220	600	950	single scissors	143	1370004 89
SPS 150	150	330	1065	740	450	925	double scissors	67	1370005 89
SPS 350	350	350	1320	900	500	950	double scissors	105	1370006 89
SPF 680	680	460	1510	1210	610	1000	double scissors	185	1370007 89
SPB 500	500	310	900	1600	800	950	single scissors	138	1370008 89



Lifting platform truck

stable carts and worktables

CZ series lifting platform truck with foot pump

Variants:

- single or double scissors
- foot pump or battery-operated
- foldaway handle
- large and smoothly running wheel and castors with brakes



Lifting platform truckmodel CZ

B CZ series lifting platform truck with foot pump

Model	Capacity (kg)	Max. Height (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Platform (mm)	Drive	Weight (kg)	Art. No..
CZ 203	200	920	320	1150	650	900 x 600	foot pump	65	1210064 89
CZ 503	500	920	320	1150	650	900 x 600	foot pump	75	1210066 89
CZD*203	200	1620	450	1150	650	900 x 600	foot pump	85	1210067 89

* double scissors designs



C Hub-Plattformwagen mit Fußpumpe Typ TZ

Model	Capacity (kg)	Max. Height (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Platform (mm)	Drive	Weight (kg)	Art. No..
TZ 303	300	920	320	1150	650	900 x 600	foot pump	65	1210232 89
TZ 503	500	920	320	1150	650	900 x 600	foot pump	75	1210233 89
TZD*203	200	1620	450	1150	650	900 x 600	foot pump	85	1210234 89

* double scissors designs

TZ series battery-driven lifting platform truck

- double scissors designs for larger stroke lengths
- battery operation makes lifting quick and easy
- compact design for extremely easy handling



Lifting platform truckmodel TZ

C TZ series battery-driven lifting platform truck

Model	Capacity (kg)	Max. Height (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Platform (mm)	Motor Power	Battery	Charger	Weight (kg)	Art. No..
TZD*203B	200	1620	450	1150	650	900 x 600	0,8 kW	12V 24Ah	1,5A/230V	100	1210068 89
TZD*400B	400	1620	450	1230	800	1000 x 800	0,8 kW	12V 24Ah	1,5A/230V	170	1210069 89
TZ 503 B	500	920	320	1150	650	900 x 600	0,8 kW	12V 24Ah	1,5A/230V	90	1210235 89
TZ 1000B	1000	920	320	1230	800	1000 x 800	0,8 kW	12V 24Ah	1,5A/230V	189	1210070 89

* double scissors designs



Electric lifter

Lift and transport small loads!

The electric lifter heads for an ergonomic workplace without sacrificing mobility. Its undercarriage lets you easily move it from one workplace to the next and benefit from its universal applicability. The electric lifter is designed for use inside (IP54 protection).

Usage examples:

- products conveyed: small pallets or barrels if the correct accessories are available
- industries: not only for warehouses and workshops but also for commercial kitchens or pharmacies



A Art. No. 1210073 89



A Art. No. 1210083 89

65 -
250 kg

A Electric lifter

Model	Capacity (kg)	Platform Height (mm)		Length (mm)	Width (mm)	Platform Size (mm)	Weight (kg)	Art. No.
		Total	When Down					
WP 65	65	1440	125	735	470	410 x 470	39	1210072 89
WP 85	85	1440	125	795	600	600 x 470	39	1210073 89
WP 85 EM	80	1760	125	795	600	600 x 470	42	1210074 89
WP 105	105	1345	130	845	600	600 x 470	42	1210075 89
WP 105 EM	100	1655	130	845	600	600 x 470	45	1210076 89
WP 105 L	105	1345	105	850	600	600 x 470	44	1210077 89
WP 105 L EM	100	1655	105	850	600	600 x 470	47	1210078 89
WP 155	155	1345	130	850	600	600 x 470	43	1210079 89
WP 155 EM	150	1655	130	850	600	600 x 470	45	1210080 89
WP 155 L	155	1345	105	850	600	600 x 470	44	1210081 89
WP 155 L EM	150	1655	105	850	600	600 x 470	49	1210082 89
WP 205	205	1320	105	1015	560	560 x 600	64	1210083 89
WP 250	250	1320	105	1040	600	600 x 560	105	1210230 89

All units feature a 24 V 7.2 Ah battery, 230 V / 1.5 A charger included

- ① A perfect load is evenly distributed across all 4 wheels.
- ② The place of the control element leaves maximum freedom to move your hands along the handle. The removable control element has a helical cable
- ③ The speed control supports up and down movements making lifter operation safe and efficient.
- ④ The state of the battery charge is indicated and a signal is output when it is time for charging. The operator can see the display well.
- ⑤ A guard prevents the ball bearing supported wheels from rolling over objects.
- ⑥ The battery charger accepts power plugs from different countries.
- ⑦ Its impervious construction makes the entire lifter easy to clean. The mast assembly is sealed along the lifting rail and the hood of the unit is sealed at the bottom.
- ⑧ Mechanical overload protection with non-delayed reset
- ⑨ Anti-trap function when moving down
- ⑩ Very great lateral stability of both the fork and the lifting platform.





Level lifter

lift and tilt horizontally

- ergonomic and safe lifting or tilting
- ergonomically remove bulk material from pallet cages
- perfect freedom of foot and body movement (see picture)
- for use inside (IP54 protection)
- built in conformity with strict safety standard EN 1570

Usage examples:

- products conveyed: Euro pallets, pallet cages

Benefit:

- easy to load by pallet truck or forklift when down
- ample foot space to relieve your back

Variants:

- with and without tilter
- hydraulic power pack included
- dead men's control UP/DOWN control with EM STOP BUTTON



platform designed for Europallets and pallet cages (L 1200 x W 800 mm)



B Level lifter

Model	Variant	Capacity (kg)	Platform L x B (mm)	Effective Stroke (mm)	Height (mm)	Hubzeit (sek.)	Motor (kW)	Weight (kg)	operating voltage	Art. No.
TSL 1002	w/o tilter	1000	1245 x 850	900	70	13	0,75	250	400 V/50Hz	1210058 89
TSL 1502		1500	1245 x 850	900	80	32	0,75	465	400 V/50Hz	1210059 89
TSE 1002	with tilter	1000	1245 x 1040	900	10	13	0,75	340	400 V/50Hz	1210060 89
TSLN 1002		1000	1245 x 850	900	70	13	0,75	275	400 V/50Hz	1210061 89

Tilting lift tables

The ideal tool for handling small parts on pallets or in pallet cages!

Usage examples:

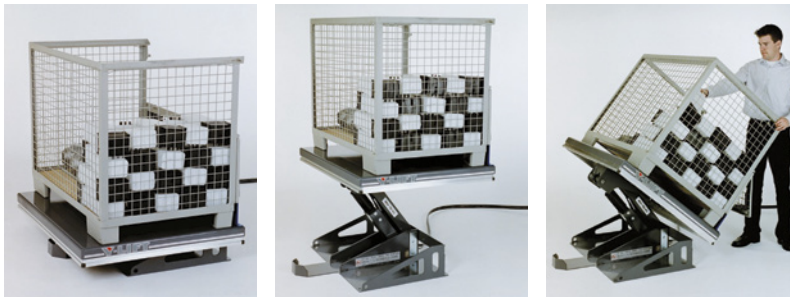
- products conveyed: Europallets with removable frame and pallet cages
- all industries

Specifications:

- maximum nominal load from 750 kg to 3000 kg (varies with model)
- tilt angles from +5° to -45°
- high-quality powder-coat finish, RAL 7024 (graphite grey)
- CE mark of conformity with EN 1570
- variants: rectangular or U-shaped platform



Procedure:



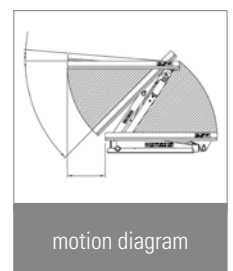
- place the pallet cage or pallet on the tilting lift table
- press the hold-to-run button to move the table to any working height
- now press the hold-to-run button again to tip the table to any tilt angle
- to retain a comfortable working position, adjust the tilt angle or height or both as you keep emptying the pallet cage

A Hubneigegeräte

Model	Capacity (kg)	Effective Stroke (mm)	min.Height (mm)	Lenght		Width		stroke time (sek.)	Motor (kW)	Weight (kg)	Shape	Art No.
				A	B	C	D					
ALT 750*	750	820	235	1300	1245	800	—	18	0,75	300		1210046 89
ALT 1500	1500	820	235	1300	1245	800	—	16	0,75	355		1210047 89
ALT 1500U*	1500	820	6	1380	1200	1510	1050	16	0,75	410	U-shape	1210049 89
ALT 1500UE*	1500	820	6	1380	1200	1310	850	16	0,75	390	U-shape	1210048 89
ALT 1500GB*	1500	820	6	1380	1200	1730	1270	16	0,75	440	U-shape	1210050 89
ART 750*	750	565	235	1000	945	1200	—	18	0,75	270		1210055 89
ART 1500*	1500	565	235	1000	945	1200	—	16	0,75	320		1210056 89
ART 1500GV	1500	550	380	1000	—	1300	—	16	0,75			1210117 89

Type designation:

- ALT: closed lifting platform
- ALT U UE & GB: U-shaped platform for lifting pallets, carts or pallet cages straight from floor level
- the standard design includes holes for mounting slipp off guards



* external power pack in a plastic housing



Tilting lift tables

Lifting function:

all of the platform lifts in parallel with lateral offset, lift and tilt arms operate in parallel

Whereas the stroke motion as such is a circular arc, the platform remains horizontal at every level.

Tilting function:

by pressing a dedicated push-button patented lifting mechanism

Benefits:

- Tilting lift tables provide both the lifting and tilting function. They are therefore an economically efficient alternative to conventional lift tables with an extra tilting platform which requires separate lifting and tilting mechanisms.
- Ergonomic workplace design avoiding the need to stretch, bend over or twist, thus avoiding damage to the back or joints while motivating employees.
- More efficient workplace design for an improved supply of materials and increase in productivity
- Single manual control unit to set the preferred height and tilt angle
- Designed for loading and unloading by pallet / industrial truck or forklift
- Tilting down instead of up makes tilting lift tables the first choice when it comes to handling high pallets and pallet cages.



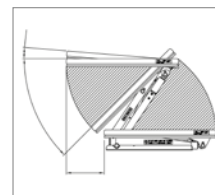
A 1210048 89

ALT 1500U UE GB und ALT 3000U UE GB

Trough-shaped platform with loading access from one side – the unit lowers right down to the floor. There is just a small 6 to 8 mm step the pallet truck has to go across to load the platform



ALT 1500 GB



motion diagram



ALT 750

Closed platform: this model supports loading by pedestrian stackers (but not by pallet trucks) because there is some free space under the platform for the stacker's support wheels. The platform tilts over the short side.



ART Serie

Closed platform, same loading process as YLT 750 except that the platform tilts over the long side.



ALT 1500 U und ALT 3000UE

Lateral loading: specifically designed with Europallets in mind. The platform tilts over the short side.

Tilting platforms

The ideal tool for handling small parts on pallets or in pallet cages

Various tilt combinations make up the new and comprehensive range of tilt tables supplied by KRAUS. Mount the tilt unit on a lift table or straight on the floor. Tilt tables mounting straight on the floor feature a base frame and an integrated power unit.

Please tell us the following to help us tailor your specific solution:

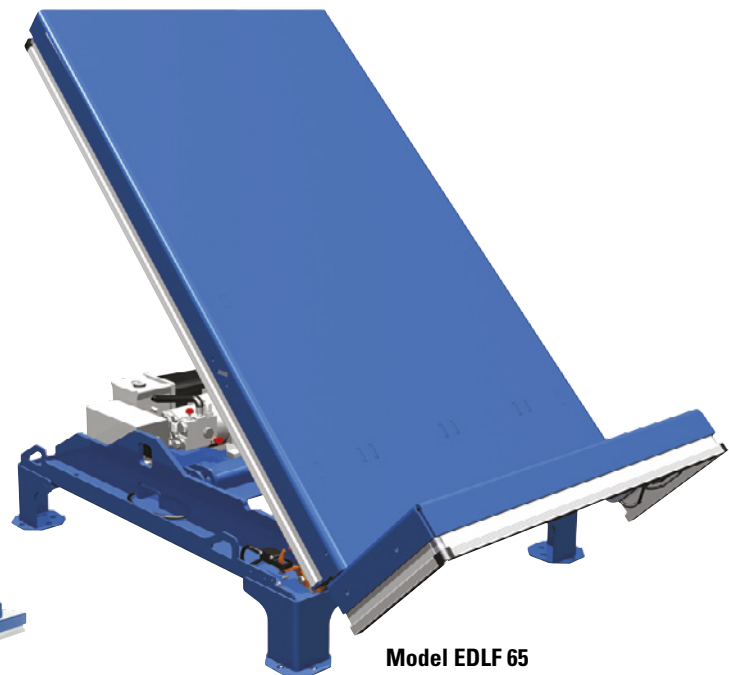
- length, width and height of load
- load centre
- tipping or tilting angle
- weight of load

Specifications and combinations:

- single-acting cylinders: tilt angle 45°
- double-acting cylinders: tilt angle 90°



Model ESL 130 auf TL2000



Model EDLF 65



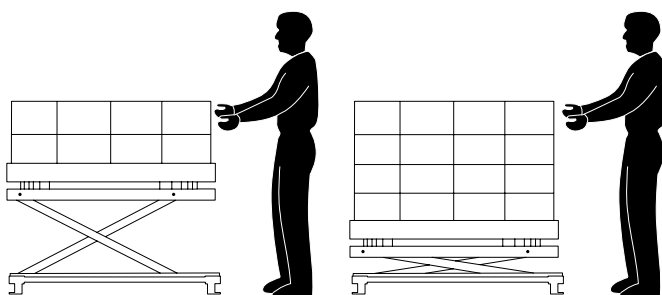
A Hubneigegeräte

Model	Capacity (kg)	max.Height (mm)	min.Height (mm)	Length (mm)	Width (mm)	Tilt angle	Hydraulics	Weight (kg)	Art. No.
EDLF 65	800	800	320	1300	800	90°	double-acting	165	1210227 89
ESLF 65	1300	1300	320	800	1300	45°	single-acting	165	1210228 89

Auto levelling platforms

An auto levelling platform is a reliable automatic helper for loading and unloading pallets safely, quickly and without much effort. Air pressure control adapts PL2000 to varying loads. Once set to a specific load, the pallet leveller holds the load surface at the same ideal working height. It lets you work without having to bend down, stretch or twist - the most frequent causes of back problems.

PL2000 is perfectly fit for use with frequently and substantially changing loads (up to 2000 kg).



Model PL 2000



B Auto levelling platforms

Model	Capacity (kg)	max.Height (mm)	min.Height (mm)	Length (mm)	Width (mm)	Turntable (mm)	Extra	Weight (kg)	Art. NO.
PL 2000	200-2000	925	402	1230	1110	1110	automatic level	300	1210229 89



Usage examples

We provide tailored solutions with optimised functionality:

- reinforced platforms
- non-slip platform with teardrop plate
- sturdy manual control units
- a bolt at the bottom end serves as a mechanical stop
- hydraulic or manual loading flaps
- external power unit
- roll-away guard
- inspection flap
- guard rails and doors
- wire mesh underneath the platform



Scissors lift tables KRAUS HTC series

The ideal tool for handling small parts
on pallets or in pallet cages!

- sturdy bottom frame of angle steel
- top panel in chamfered edge design with smooth sheet platform
- scissors made of box sections
- inspection supports
- pipe break valve
- built-in pressure relief valve
- Up/Down dead man's control and EM-stop with 3m cable
- 3-phase motor - 400 V / 50 Hz
- circumferential aluminium safety rail
- max. 10 cycles per hours in single-shift operation



Product benefit

Kraus HTC series scissors lift tables are used as assembly benches, packing tables, etc. Choose from service loads between 1000 kg and 4000 kg. All Kraus HTC series lift tables comply with European Standard EN 1570.

Strengths of this series are its short-term availability, the top quality and the very low price.

The package includes:

- lift table and power pack
- dead man's control with manual button
- oil filling
- wired ready for connection including the safety devices demanded by EN 1570
- protection: IP54



HTC 2001



Promptly available from stock!**



HTC 2000D

A Scissors lift tables KRAUS HTC series

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
HTCZ 1001 Mini	1000	590	180	916	610	20	1,1	1300008 89
HTC 1001	1000	785	205	1300	820	25	1,1	1300001 89
HTC 1002	1000	785	205	1600	1000	25	1,1	1300016 89
HTC 2000D*	2000	795	205	2500	820	45	1,1	1300014 89
HTC 2001	2000	770	230	1300	850	25	2,2	1300002 89
HTC 2004	2000	800	250	1700	1000	35	2,2	1300017 89
HTC 2006	2000	1050	250	2000	1000	35	1,5	1300012 89
HTC 4000D*	4000	770	230	2500	850	40	1,1	1300015 89
HTC 4002	4000	810	240	2000	1200	40	2,2	1300004 89
HTC 4004	4000	1100	300	2000	1200	50	2,2	1300006 89
HTCL 500	500	800	200	2000	800	25	1,1	1300013 89

* horizontal double scissors, ** subject to prior sale



KRAUS HTC series double scissors lift tables

The package includes:

- lift table and power pack
- dead men's control with manual button
- oil filling
- wired ready for connection including the safety devices demanded by EN 1570
- protection: IP54



HTCD 500 Mini



HTCD 4000

B Doppelscherenhubtische Typ KRAUS HTC

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
HTCD 500 Mini	500	788	162	910	610	22	0,75	1300010 89
HTCD 1000	1000	1475	305	1300	820	45	2,2	1300018 89
HTCD 2000	2000	1420	360	1300	850	45	2,2	1300019 89
HTCD 4000	4000	1650	400	1700	1200	65	2,2	1300007 89

KRAUS HTC series flat form lift table

The package includes:

- lift table and power pack
- hold-to-run control with manual button
- oil filling
- wired ready for connection including the safety devices demanded by EN 1570
- protection: IP54



HTCU 1000



HTCF 1003 (loading platform contained in package)

C KRAUS HTC series flat form lift table

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.	Art.-Nr.
HTCU 1000	1000	775	85	1450	1140	35	0,75	U-Form	1300003 89
HTCF 1003	1000	775	85	1450	800	25	0,75	Standard	1300009 89
HTCU 1500	1500	755	105	1600	1180	40	1,5	U-Form	1300011 89

Product benefit

KRAUS HTC series flat scissors lift tables are ready for installation straight on even ground. Owing to the low design height, flat form lift tables can be loaded with little effort using a pallet truck. Use any pallet truck or pedestrian stacker to load the table from its recessed U-shape side. Our flat form lift tables have a load of 1000 kg

Promptly available from stock!*

*subject to prior sale

Compact lift tables C series Y-lift

Specifications:

- max. no. of strokes per day: 40 – 50 strokes (not designed for cyclic operation)
- platform: closed
- power unit: installed in base frame
- colour: platform: RAL 5010 (blue), scissors: RAL 2010 (orange)
- safeguards: IP 54 protection for use inside, pipe break guard, circumferential safety rail for foot protection, inspection supports
- control element: dead man's control, 3 m cable, EM Stop
- control voltage: 24 V
- operating voltage: 400 V / 50 Hz
- delivery: ready for connection, documentation included



Model CL 1001 + accessories: Self-supporting base frame with feet

*Accessories

Self-supporting base frame with feet



A



1500 kg

Typ CB1500

200 kg

Typ CRD 200

A Compact lift tables C series Y-lift

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
CR 500	500	600	160	900	600	12	0,37	1210002 89
CR 1000	1000	600	160	900	700	23	0,37	1210084 89
CL 1001	1000	820	180	1200	800	15/26	0,75	1210003 89
CL 1500	1500	820	200	1300	1200	17	1,4	1210203 89
CL 2000	2000	820	200	1300	800	17	1,5	1210004 89
CB 1200	1200	1000	210	1500	1200	17	1,5	1210204 89
CB 1500	1500	1000	210	1500	800	17	1,5	1210085 89
CB 1500B	1500	1000	210	1500	1000	17	1,5	1210005 89
CRD 200	200	1170	280	900	600	12	0,37	1210089 89
CLD 1500	1500	1420	360	1300	850	29	1,5	1210205 89



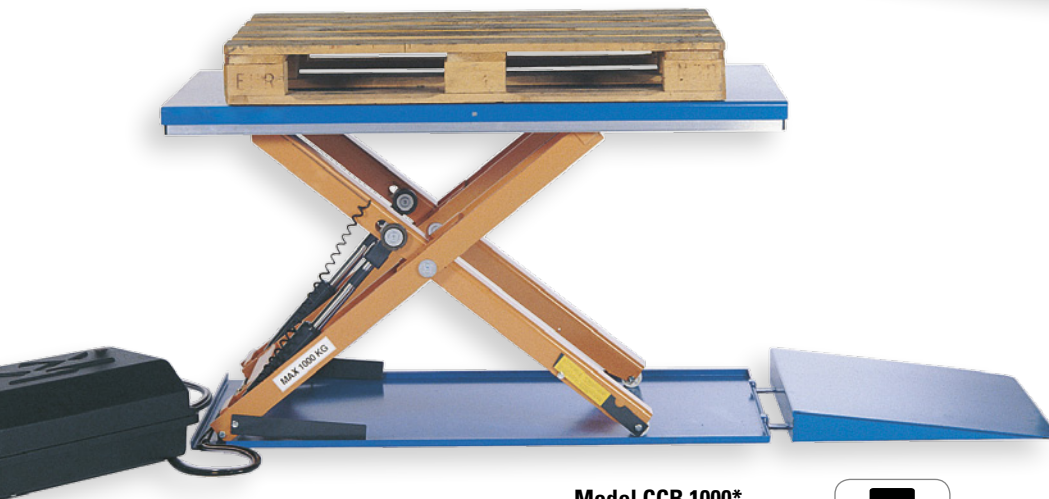
Flat form lift table C series Y-lift

Specifications:

- max. no. of strokes per day: 40 – 50 strokes (not designed for cyclic operation)
- platform: closed or U-shape
- power pack: installed in external plastic housing, a quick coupling links the lift table to the power pack
- colour: platform: RAL 5005 (blue), scissors: RAL 2010 (orange)
- safeguards: IP 54 protection for use inside, pipe break guard, circumferential safety rail for foot protection, inspection supports
- control element: dead man's control, 3 m cable, EM Stop
- control voltage: 24 V
- operating voltage: 400 V / 50 Hz
- delivery: ready for connection, documentation included



Model CUB 1000*



Model CCB 1000*
Accessories: ramp



*** Accessories**
ramp

B Flat form lift table C series Y-lift

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
CCB 1000*	1000	720	80	1500	800	13	0,75	1210086 89
CCB 1000B*	1000	720	80	1500	1000	13	0,75	1210087 89
CUB 1000*	1000	720	80	1450	1085	13	0,75	1210088 89
CCB 1000XB*	1000	720	80	1500	1200	13	0,75	1210206 89

* external power pack



Your quick and easy way to a successful lift table investment!

Decades of experience tell us exactly which details we need to find the best lift table solution for you. This wealth of experience in a nutshell: Our KRAUS lift table checklist.

It boils things down in less than no time and takes very little effort to collect the required details.

Go to page 4 to find your lift table checklist!

Flat form lift tables TUB and TUL series

Usage examples:

products conveyed: Europallets, pallet cages, boxes, various loading units
industries: all industries

Specifications:

platform: TUB series: E-shaped platform
TUL series: U-shaped platform
general: a quick coupling links the lift table to the power pack; assembly is delivered ready for connection and documentation included; high-quality powder-coat finish, RAL 7024 (graphite grey) complies with strict EN 1570 standards
safeguards: IP54 protection for use inside, pipe break guard, circumferential safety rail for foot protection (safety switch-off rail), inspection supports
control: dead man's control, 3 m cable, EM Stop, 24 V control voltage
additional info: use dowels to mount TUB range models (600 kg capacity & 970 mm height of stroke) on the floor
operating voltage: 400 V / 50 Hz

variants:

- TC: easy and quick loading across the ramp
- TUB & TUL: the special platform recess makes a ramp unnecessary; just press the hold-to-run button to quickly move the unit to any perfect ergonomic height
- width between forks: - TUB 600 = 580 mm
- TUL 1000 = 585 mm
- TUL 2000 = 585 mm

B 1210043 89



U-shaped flat form lift table with manual button (standard) and foot switch (accessory)

Product benefit

- no pit required
- extremely low height for effortless loading
- flexible and versatile
- plastic cover protects the electrohydraulic power unit



A Flat form lift tables E-shape

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
TUB 600*	600	720	80	1450 x 900	13	0,75	250	1210041 89
TUB 600 H*	600	970	80	1450 x 900	19	0,75	250	1210042 89

B Flat form lift tables U-shape

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
TUL 1000*	1000	820	80	1350 x 1080	13	0,75	260	1210043 89
TUL 2000*	2000	820	100	1350 x 1180	24	0,75	350	1210044 89

* external power pack



Flat form lift tables TC range

Usage examples:

products conveyed: Europallets, pallet cages, boxes, various loading units
industries: all industries

Specifications:

- platform: closed
- a quick coupling links the lift table to the power pack
- delivery: ready for connection, documentation included
- high-quality powder-coat finish, RAL 7024 (graphite grey)
- complies with EN 1570
- safeguards: IP54 protection for use inside, pipe break guard, circumferential safety rail for foot protection (safety switch-off rail), inspection supports
- control: dead man's control, 3 m cable, EM Stop
- control voltage: 24 V
- operating voltage: 400 V / 50 Hz

Benefits:

easy and quick loading across the ramp



C Flat Form Lift Tables – Closed Platform

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
TCR 500*	500	630	80	900 x 600	9	0,75	138	1210026 89
TCB 600*	600	720	80	1500 x 900	13	0,75	210	1210027 89
TCL 1000*	1000	820	80	1350 x 800	13	0,75	280	1210029 89
TCL 1000B*	1000	820	80	1350 x 1000	13	0,75	275	1210030 89
TCB 600 H*	600	970	80	1500 x 900	19	0,75	210	1210028 89
TCL 1000GB*	1000	820	80	1350 x 1270	13	0,75	300	1210031 89
TCL 2000*	2000	820	100	1350 x 800	24	0,75	325	1210032 89
TCL 2000B*	2000	820	100	1350 x 1000	24	0,75	355	1210033 89
TCL 2000GB*	2000	820	100	1350 x 1270	24	0,75	400	1210034 89

* external power pack

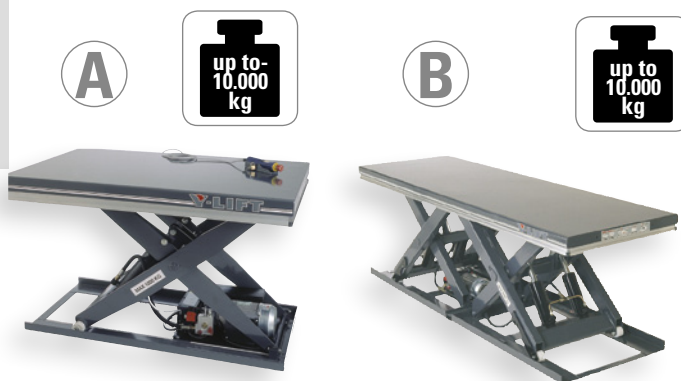
D Ramps

Model	Dimensions (mm)			Art. No.
	Length	Width	Height	
TCR	600	600	80	1210035 89
TCB	600	750	80	1210036 89
TCL 1000	945	800	80	1210037 89
TCL B+GB	945	1000	80	1210038 89
TCL 2000	945	800	100	1210039 89
TCL 2000B+GB	950	1000	100	1210040 89

Y-lift series lift tables

Compact Y-lift series lift tables

These lift tables feature single scissors and a built-in hydraulic power pack.



A Compact Y-lift series lift tables

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
TL 1000B	1000	820	180	1300	800	15	0,75	1210102 89
TL 1000XB	1000	820	180	1300	1000	15	0,75	1210103 89
TL 1000SS**	1000	820	350	1300	800	48	0,37	1210207 89
TL 1001B	1000	820	180	1200	800	15	0,75	1210208 89
TL 2000	2000	820	200	1300	800	17	1,5	1210104 89
TL 2000XB	2000	820	200	1300	1200	17	1,5	1210209 89
TL 2000B	2000	820	200	1300	1000	17	1,5	1210105 89
TL 3000	3000	820	250	1300	800	26	1,5	1210006 89
TB 2000	2000	1000	220	1500	1000	26	1,5	1210106 89
TB 2000B	2000	1000	220	1500	1200	26	1,5	1210107 89
TM 1000	1000	1100	180	1700	700	27	0,75	1210210 89
TM 1500	1500	1100	230	1700	1000	17	1,5	1210108 89
TM 1500B	1500	1100	230	1700	1200	17	1,5	1210109 89
TM 3000	3000	1100	250	1700	900	27	1,5	1210110 89
TM 6000*	6000	1100	300	1700	900	32	3	1210111 89
TA 1000	1000	1300	200	2000	800	16	1,5	1210211 89
TA 2000	2000	1300	230	2000	900	30	1,5	1210212 89
TA 4000	4000	1300	350	2000	1200	27	3	1210007 89
TA 10000*	10000	1100	600	2000	1100	40	4,0	1210213 89
TS 2000	2000	1500	250	2200	1200	27	1,5	1210112 89
TS 4000	4000	1500	350	2200	1200	27	3,0	1210214 89
TS 2000B	2000	1500	250	2200	1500	27	1,5	1210113 89
TS 4000B	4000	1500	350	2200	1500	27	3	1210114 89
TT 3000	3000	1700	300	2500	1300	27	3	1210115 89
TT 6000	6000	1600	450	2500	1300	40	3	1210008 89
TT 10000*	10000	1500	600	2500	1300	55	4	1210215 89
TP 3000	3000	2000	400	3000	1500	38	3	1210216 89
TP 6000	6000	2000	500	3000	1500	55	3	1210116 89
TV 10000*	10000	2200	700	3600	1500	72	4	1210217 89
TF 3000	3000	3600	500	5000	2000	60	4	1210218 89
TO 4000	4000	4000	600	5600	1500	95	4	1210219 89

Y-lift series lift tables with horizontal double scissors

These lift tables and their two mechanically synchronised scissors are a very stable construction for lifting heavy loads to low heights on a large platform.

B Y-lift series lift tables with horizontal double scissors

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
TLH 2000	2000	820	180	2600	800	30	0,75	1210012 89
TLH 4000	4000	820	200	2600	800	35	1,5	1210013 89
TBH 4000	4000	1000	230	3000	1000	40	1,5	1210220 89
TMH 3000	3000	1100	230	3400	900	35	1,5	1210014 89
TMH 6000	6000	1100	250	3400	900	55	1,5	1210015 89
TMH 10000*	10000	1100	300	3400	900	64	3,0	1210016 89
TAH 2000	2000	1300	200	4000	800	32	1,5	1210017 89
TAH 4000	4000	1300	230	4000	900	45	1,5	1210018 89
TAH 8000	8000	1300	350	4000	1200	53	3,0	1210019 89
TSH 4000	4000	1500	250	4400	1200	55	1,5	1210020 89
TSH 8000	8000	1500	350	4400	1200	53	3,0	1210021 89
TTH 6000	6000	1700	300	5000	1300	53	3,0	1210022 89
TTH 10000	10000	1600	450	5000	1300	75	3,0	1210023 89
TPH 6000	6000	2000	400	6200	1500	55	3,0	1210024 89
TPH 10000	10000	2000	500	6000	1500	72	4,0	1210025 89

* external power pack, ** stainless steel finish



Y-lift series lift tables



More product

Additional equipment page 146.

Specifications of Y-Lift series lift tables:

VOLTAGES:

mains voltage: 400 V 50 Hz

control voltage: 24 V DC (direct current)

CONTROL:

LIFT/LOWER operation by dead man's control and 3 m cable IP 54 protection for use inside

SAFETY:

circumferential safety rail with acknowledge function, mechanical pipe break valve in the cylinder, electromagnetic valve in the cylinder, maintenance supports, pressure relief valve, constant flow valve, adjustable lowering speed design and manufacture in conformity with EN 1570 (applicable EU standard)

PAINT COAT:

standard RAL 7024 (graphite grey)
attractive appearance, nice design!

NOMINAL LOAD:

the above nominal load applies if the load is evenly distributed across the entire platform; EN 1570 "Safety requirements for lift tables" sets the following requirements:

- 100% of nominal load distributed across entire platform
- or 50% of nominal load distributed across half the platform length
- or 33% of nominal load distributed across half the platform width

Y-lift series lift tables with vertical double scissors

Large length of stroke without extra platform size

Fasten and pin down this type of lift table to the floor.

C Y-lift series lift tables with vertical double scissors

Model	Capacity (kg)	Effective Stroke (mm)	Min. Height (mm)	Length (mm)	Width (mm)	Lifting Time (sek.)	Motor (kW)	Art. No.
TLD 1000	1000	1600	320	1300	800	29	0,75	1210091 89
TLD 1000XB	1000	1600	320	1300	1000	23	1,5	1210221 89
TLD 2000	2000	1600	360	1300	800	34	1,5	1210009 89
TLD 2000B	2000	1600	360	1300	1000	34	1,5	1210092 89
TLD 2000XB	2000	1600	360	1300	1200	34	1,5	1210222 89
TMD 1500	1500	2200	400	1700	1000	46	1,5	1210093 89
TMD 3000*	3000	2200	500	1700	900	50	3	1210010 89
TSD 1500	1500	3000	450	2200	1200	55	1,5	1210094 89
TTD 3000	3000	3300	600	2500	1300	60	3	1210095 89
TTD 5000	5000	3200	700	2500	1500	83	3	1210096 89
TPD 3000	3000	4000	700	3000	1500	80	3	1210223 89
TPD 4000*	4000	4000	800	3200	1500	76	4	1210097 89
TXD 4000	4000	5300	900	4000	1500	100	4	1210098 89
TLT 1500	1500	2400	500	1300	800	60	1,5	1210224 89
TFD 4000	4000	5900	980	5000	2500	155	5,5	1210099 89
TMT 1500***	1500	3300	600	1700	1000	55	1,5	1210011 89
TST 2000***	2000	4500	700	2200	1200	80	3	1210101 89
TPT 4000***	4000	6000	1000	3000	1500	104	5,5	1210225 89
TSQ 1000****	1000	6000	1000	2200	1200	80	3	1210226 89

* external power pack, *** triple scissors, **** quad scissors

C



* external power pack, *** tripple scissors

CONSTRUCTION:

stable and warp resistant platform blanks and machining by laser machines

STORAGE:

scissors feature maintenance-free friction bearings

HYDRAULIC CYLINDER:

plunger cylinder, chromed piston rods

CONTROL ELEMENT:

dead man's control, UP/DOWN button, EM stop with interlock function; button with IP 65 protection 3 m cable of control element.

adm. LIFTING INTENSITY:

T tables: 10 strokes per hours (2 shifts) or 10,000 strokes per year; ask for HD variant if more is needed

TUL / TCL tables: 5-6 strokes per hour (2 shifts) or 5,000 strokes per year

TUB / TCB tables: 3-4 strokes per hour (2 shifts) or 4,000 strokes per year

C tables: 30 strokes per day

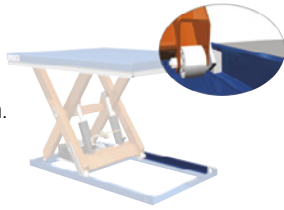
flat form lift tables, C tables and TR tables do not classify as plant lift tables!



Additional equipment

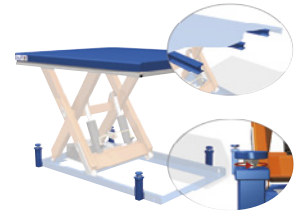
Tilt prevention

Helps to stabilise the table. Minimises the risk of the platform tipping upwards. * required for platform with 10% extra length.



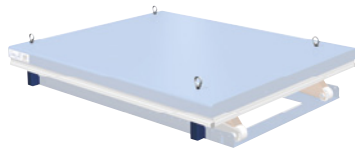
Reinforced platforms

Enhances the platform's capacity when down. Includes a stop bolt for +/- 40 mm height adjustment



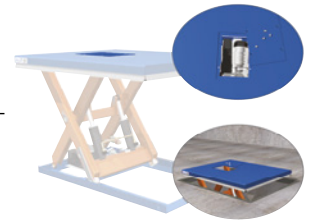
Lifting eyes

For ease of lift table transport and installation. The platform of some models needs to be wider if this option is chosen.



Inspection flap

Provides access to the power unit when the lift table is all the way down. Recommended for pit-mounted lift tables.



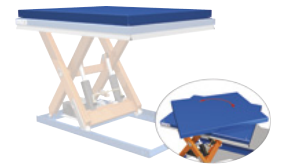
Round turntable

Adapted to the platform dimensions. Does not protrude from the platform



Rectangular turntable

Turntable matches the platform. Inductive crushing hazard sensor included



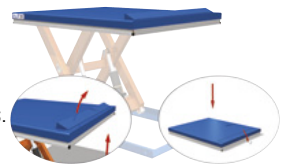
Loading flap

Bridges the gap between the table and a lorry, for example. Manual and electrohydraulic models available.



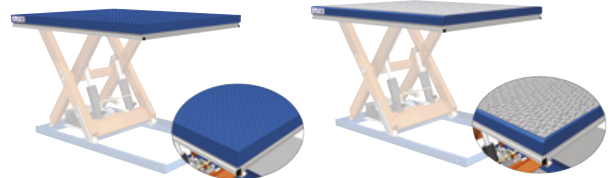
Automatic roll-away guard

Stops rolling loads from dropping off the platform when starting to lift. Platform to be 150 mm longer than standard platforms.



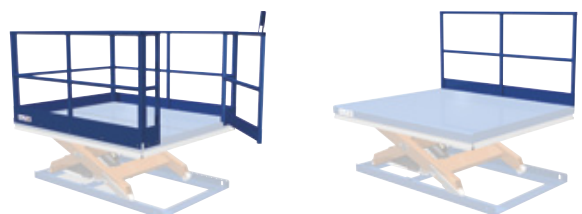
Non-slip platform

Teardrop plate minimises the risk of goods slipping off the table. Teardrop plate recommended for every outdoor use. Optional aluminium teardrop plate available for extra protection against corrosion.



Guard rail

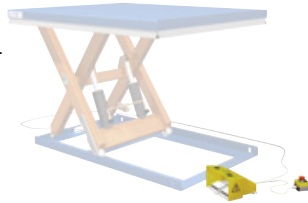
Variants with and without door. The railing is 1100 mm high and features struts in the middle and a 150 mm skirting board. Guard rails stop the goods from dropping off the table. Doors are available with mechanical or electro-mechanical locks.





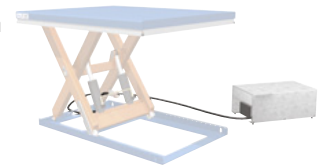
Control elements

Hand or foot-operated variants available. Standard functions are UP/DOWN/EM STOP.



External power pack

Standard variant in plastic box with 3 m cable. Ask for price of longer cable



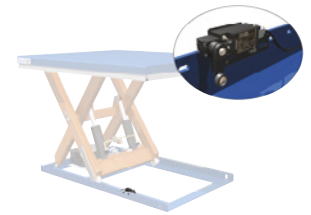
External power pack with steel cover

The steel cover provides extra protection against impact e.g. by pallet trucks.



Stroke limit switch

Provides an infinitely variable upper limit stop for the lift table. If you know the target stroke length, we can set the limit stop at the factory already.



Self-supporting base frame

Let's you easily move the lift table by means of a pallet truck or forklift.



Base frame with wheels

Let's you easily move the lift table by hand. The 2 castors (with brake) and the 2 fixed wheels are mounted under the self-supporting base frame.



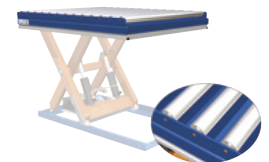
Stop bolt

Used for pit-mounted tables if rolling loads moved onto the closed table.



Roller conveyor

On request special-purpose table top structures.



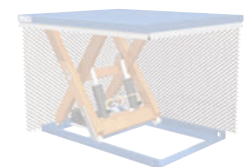
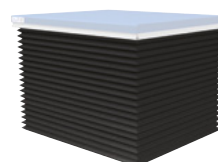
Interlock bolt

Used on lift tables between two levels to prevent the platform from lowering when transferring the load. The bolts extend hydraulically when the table has moved to the set position.



Underrun guard

Available as PVC curtain, PVC blind, bellows or lattice to prevent persons (or dirt) from getting under the platform.



Single-scissor lift tables Light-duty range

- Our standard range of lift tables covers many different loads, stroke lengths and platform sizes at an optimised ratio of value for money.
- In case our standard lift tables fail to satisfy your needs, we will add the features you need to meet your specific requirements.



Upon request, we will also organise the tests demanded by the applicable regulations, i.e.:

- acceptance testing or
- periodic testing

Do not hesitate to contact Meinhard Schuschu, our lift table expert.
 We are looking forward to assisting you!
 Tel.: +43 463 3860 25

Usage examples:

- products conveyed: loads evenly distributed across the platform
- industries: all industries

Benefits:

- lightweight design provides perfect stability
- easy to handle stacking/unstacking
- just press a button to move the unit to any perfect ergonomic height



info

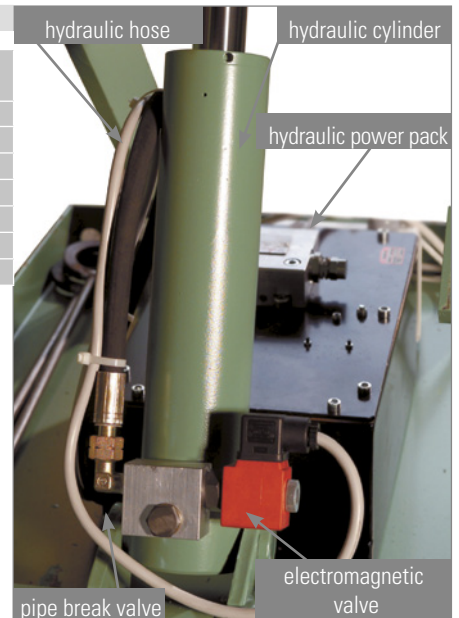
- designed for use inside (IP54 protection)
- designed for 100 daily lifting cycles and evenly distributed loads



A Art.-Nr. 1170092 89

A Light-duty range of single-scissor lift tables

Model	Capacity (kg)	Effective Stroke (mm)	Design Height (mm)	L x W (mm)	Lifting Time (sek.)	Motor (kW)	Weight (kg)	Art. No.
PXS.050B	500	840	200	1300 x 800	12	0,75	210	1170092 89
PXS.051B	500	1000	200	1500 x 1000	12	0,75	230	1170093 89
PXS.080B	800	550	200	1000 x 800	10	0,75	160	1170094 89
PXS.100B	1000	840	200	1300 x 800	14	0,75	240	1170095 89
PXS.101B	1000	950	250	1500 x 1000	16	0,75	280	1170139 89
PXS.200B	2000	800	260	1300 x 1000	24	0,75	260	1170140 89
PXS.202B	2000	950	250	1500 x 1000	24	0,75	290	1170141 89



Special dimensions upon request: platform lengths between 1000 mm and 1500 mm, platform widths between 600 mm and 1000 mm





Double-scissor lift tables Light-duty range

- address many of your loading/unloading needs; easily integrate in your working processes to work at perfect ergonomic heights
- safe transport of loads
- applications: loading platform, materials lifter, working platform, assembly stand, packaging station, levelling of roller conveyor heights, palletising, stacking, etc

Usage examples:

- products conveyed: loads evenly distributed across the platform
- industries: all industries
- designed for 100 daily lifting cycles and evenly distributed loads

The package includes:

foot safety rail, inspection supports, pipe break valve, pressure relief valve, oil filling (ready for connection), dead man's control with EM STOP, documentation including the CE declaration of conformity

Benefits:

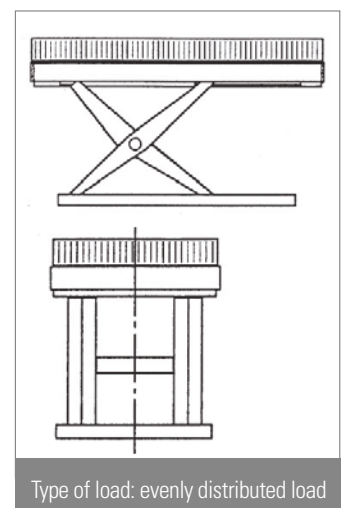
- maximum height at minimum platform length
- lightweight design provides perfect stability
- easy to handle stacking/unstacking
- just press a button to move the unit to any perfect ergonomic height

Specifications:

frame:	safety switch-off rail (foot protection) installed on standard models
platform:	smooth plate (teardrop plate upon request)
scissors:	solid steel
joints:	with self-lubricating and maintenance-free bushes
hydraulics:	compact hydraulic system equipped with all safety components in conformity with EN 1570
control voltage:	24 V
operation:	two-button (Up/Down) dead man's control with EM STOP button
paint coat:	special coating, standard blue (RAL 5010), special colours upon request
safety:	in conformity with EN 1570 safety standards: pipe break valve, circumferentialsafety switch-off rail (foot protection), inspection supports
operating voltage:	400 V / 50 Hz
protection:	IP 54 (for use inside)
power pack:	built-in underneath the platform
control unit:	easily accessible external box



B Art.-Nr. 1170002 5



Type of load: evenly distributed load



B Light-duty range of double-scissor lift tables

Model	Capacity (kg)	Effective Stroke (mm)	Design Height (mm)	L x W (mm)	Lifting Time (sek.)	Motor (kW)	Weight (kg)	Art. No.
AXL.200.500.1500.0600.EST	500	1500	320	1250 x 800	23	0,75	285	1170002 89
ADXL.200.500.1500.0780.INT	500	1500	320	1250 x 1000	23	0,75	295	1170003 89
ADXL.200.500.1650.0600.EST	500	1650	350	1350 x 800	26	0,75	320	1170004 89
ADXL.200.500.1650.0780.INT	500	1650	350	1350 x 1000	26	0,75	330	1170005 89
ADX.200.1000.1450.0600.EST	1000	1450	340	1250 x 800	35	0,75	365	1170006 89
ADX.200.1000.1450.0780.INT	1000	1450	340	1250 x 1000	35	0,75	375	1170007 89
ADX.200.1000.1600.0600.EST	1000	1600	370	1350 x 800	39	0,75	400	1170008 89
ADX.200.1000.1600.0780.INT	1000	1600	370	1350 x 1000	39	0,75	410	1170009 89

Flat form lift tables Light-duty range



Usage examples:

- workplace tool
- pallet handling
- NO cyclic operation
- max. 100 strokes per day

Benefits:

- extremely low profile (normally no pit required)
- versatile use

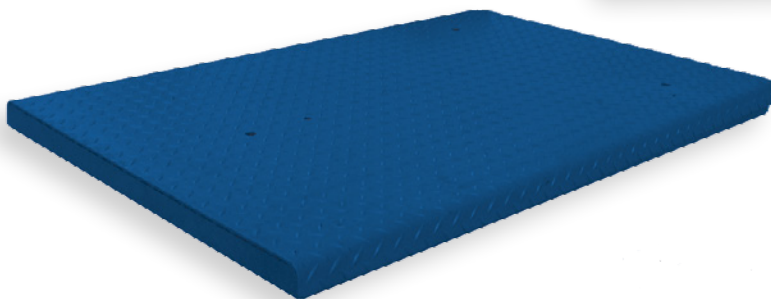
The package includes:

- lift table and power pack
- dead man's control with manual button
- oil filling
- wired ready for connection including the safety devices demanded by EN 1570
- paint coat: RAL 5010 (gentian blue)
- protection: IP54



Safety rail

B Art.-Nr. 1170096 89



Platform with teardrop plate

A Light-duty range of flat form lift tables w/o ramp

Model	Power Unit-position	Ramp included	Capacity (kg)	Effective Stroke (mm)	Overall Size (mm)	LxW (mm)	Lifting Time (sek.)	Motor (kW)	Weight (kg)	Art No.
PL676.E00V	extern	nein	1000	800	80	1400 x 900	25	0,75	210	1170096 89
PL776.E00B	extern	nein	2000	765	105	1600 x 1000	35	0,75	400	1170098 89

B Light-duty range of flat form lift table w/ ramp (not shown)

Model	Power Unit-position	Ramp included	Capacity (kg)	Effective Stroke (mm)	Overall Size (mm)	LxW (mm)	Lifting Time (sek.)	Motor (kW)	Weight (kg)	Art No.
PL676.ER0V	extern	ja	1000	800	80	1400 x 900	25	0,75	210	1170099 89
PL776.ER0B	extern	ja	2000	765	105	1600 x 1000	35	0,75	220	1170102 89

Model PL676.100 V und PL676.IROV

Power pack mounted directly on rear wall and protected by metal box

Model PL676.EROV, PL676.IROV und PL776.EROB

Supplied w/ ramp (not shown)
Ramp size, L x W:

1000 kg: 600 x 900 mm

2000 kg: 1120 x 1030 mm



Flat form lift tables Light-duty range, U-shape

The package includes:

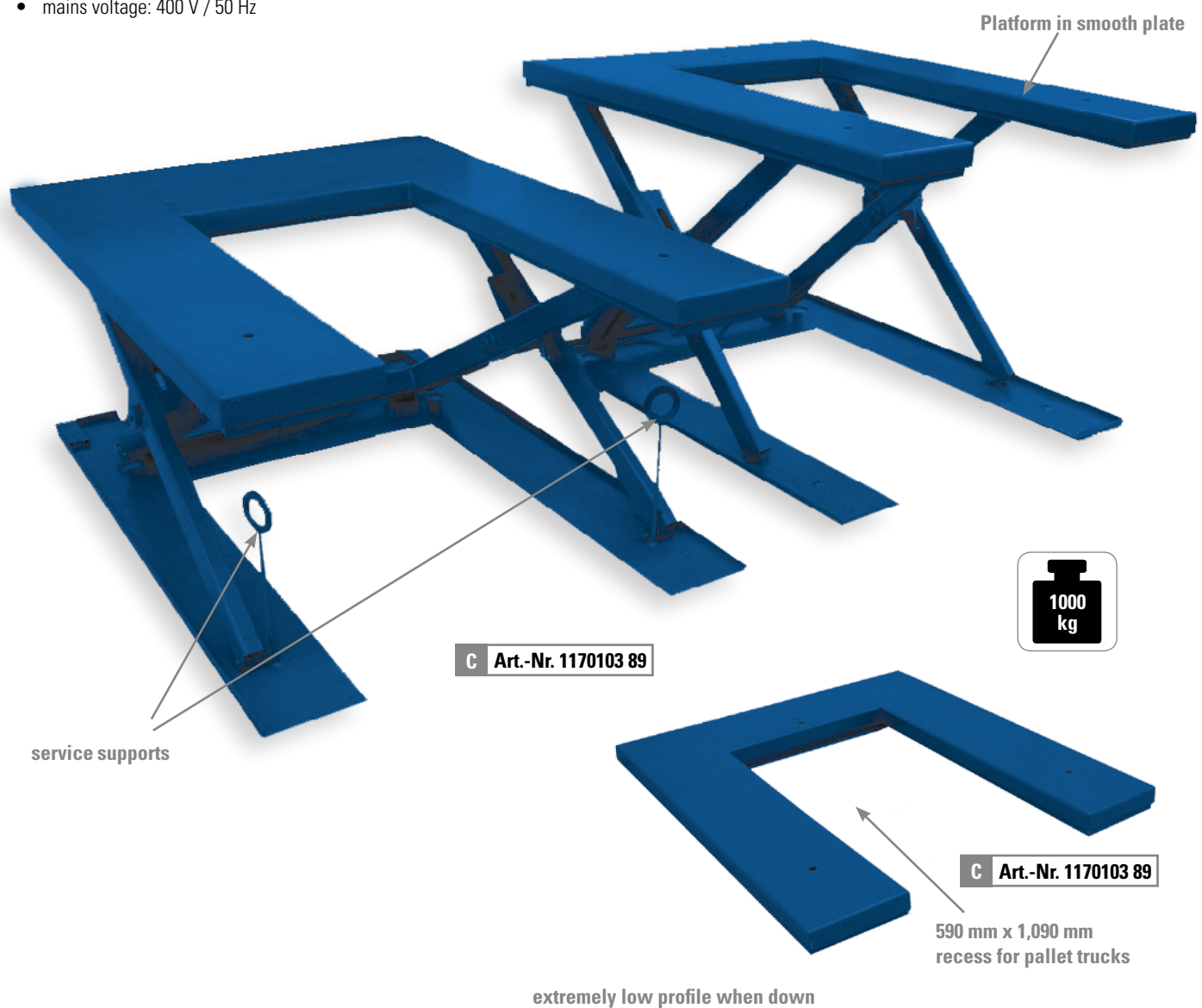
- table and power pack
- dead man's control with manual hand control
- oil filling
- wired ready for connection including the safety devices demanded by EN 1570
- paint coat: RAL 5010 (gentian blue)
- protection: IP 54

Info:

- designed as workplace tool for use inside
- power pack designed for max. 100 strokes per day
- mains voltage: 400 V / 50 Hz

Benefits:

- extremely low profile
- no pit required
- no ramp required
- easy loading



C Flat form lift tables Light-duty range, U-shape

Model	Power Unit-position	Capacity (kg)	Effective Stroke (mm)	Overall Size (mm)	LxW (mm)	Lifting time (sek.)	Motor (kW)	Weight (kg)	Art No.
PU 681.E00V	extern	1000	800	80	1400 x 1160	25	0,75	210	1170103 89

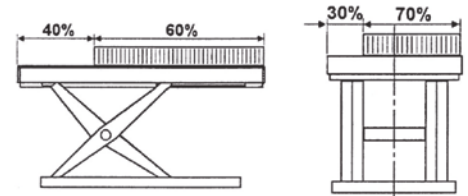
Single-scissor lift tables Heavy-duty range

- capacity of up to 31 t shown in practical application, up to 7000 kg in standard range
- easy to operate
- sturdy because of high-quality components and a very heavy-weight design
- low-wear and low-maintenance design
- very safe to use, long life
- can be tailored to meet your specific requirements
- package includes: foot safety rail, maintenance safety supports, pipe break valve, pressure relief valve, oil filling (ready for connection), dead man's control with EM STOP, documentation including the CE declaration of conformity



More product

Special colours upon request



Type of load: unevenly distributed
 protection: IP 54 for use inside

Usage examples:

- products conveyed: pallets, pallet cages, pallet trucks, roller conveyors
- industries: all industries

Benefits:

- sturdy design for heavy-duty operating conditions
- extremely warp resistant due to struts supporting the platform
- solid steel scissors

Problems solved:

- levelling of different heights
- daisy chaining of conveyor equipment
- stacking
- ergonomic workplace design

Specifications:

platform:	platform made of smooth plate (standard) or teardrop plate supported by steel struts for excellent warp resistance
frame:	safety switch-off rail (foot protection) on standard models, truss-work design made of solid steel stringers for enhanced warp resistance of the platform
scissors:	solid steel
joints:	with self-lubricating and maintenance-free bushes
hydraulics:	compact hydraulic system equipped with all safety components in conformity with EN 1570
control voltage:	24 V
operation:	two-button (Up/Down) dead man's control with EM STOP button
paint coat:	special coating, standard RAL 6011 (green)
safety:	in conformity with EN 1570 safety standards: pipe break valve, circumferential safety switch-off rail (foot protection), inspection supports
operating voltage:	400 V / 50 Hz
protection:	IP 54 (for use inside)



A Single-scissor lift tables Heavy-duty range

Model	Capacity (kg)	Effective Stroke (mm)	Height (mm)	LxW (mm)	Lifting time (sec.)	Motor (kW)	Weight (kg)	Art. No.
AX.6105.001	1000	1100	320	1800 x 1000	14	1,5	460	1170024 89
AX.6107.001	1000	1300	320	2000 x 1000	17	1,5	520	1170026 89
AX.6109.002	1000	1500	350	2300 x 1200	21	1,5	570	1170028 89
AX.200.1000.1500.1120.int	1000	1500	350	2500 x 1300	21	1,5	580	1170105 89
AX.6204.001	2000	1050	300	1700 x 1000	24	1,5	620	1170032 89
AX.6207.002	2000	1200	350	2000 x 1200	16	3	800	1170033 89
AX.6209.003	2000	1500	350	2500 x 1500	24	3	950	1170035 89
AX.6210.005	2000	1800	350	3000 x 2000	36	3	1300	1170036 89
AX.200.3000.0800.0800.int	3000	800	400	1600 x 1000	24	1,5	710	1170106 89
AX.200.3000.1000.0800.int	3000	1000	400	2000 x 1000	39	1,5	770	1170107 89
AX.200.3000.1000.1600.int	3000	1000	400	2000 x 2000	39	1,5	960	1170108 89
AX.6307.001	3000	1200	400	2000 x 1000	23	3	910	1170037 89
AX.200.3000.1200.1600.int	3000	1200	400	2300 x 1900	21	3	1170	1170109 89
AX.6309.003	3000	1500	400	2500 x 1500	31	3	1120	1170038 89
AX.200.3000.1500.1800.int	3000	1500	400	2500 x 2100	31	3	1300	1170110 89
AX.6310.005	3000	1800	400	3000 x 2000	39	3	1550	1170039 89
AX.200.5000.0800.0900.int	5000	800	450	2000 x 1000	22	3	900	1170040 89
AX.6507.003	5000	1000	450	2000 x 1500	28	3	1110	1170041 89
AX.6510.005	5000	1800	500	3000 x 2000	47	4	2000	1170042 89
AX.200.5000.1800.2100.int	5000	1800	500	3200 x 2400	47	4	2250	1170111 89
AX.200.7000.1300.0900.int	7000	1300	450	2500 x 1300	43	4	1320	1170112 89
AX.200.7000.1300.1800.int	7000	1300	450	2500 x 2000	43	4	1750	1170113 89
AX.200.7000.1500.1200.int	7000	1500	500	3000 x 1500	57	4	1640	1170114 89
AX.6710.005	7000	1800	550	3000 x 2000	63	4	2020	1170115 89
AX.200.7000.1800.2100.int	7000	1800	550	3200 x 2400	63	4	2380	1170116 89



Double-scissor lift tables Heavy-duty range

- carry up to 3000 kg (standard range)

Usage examples:

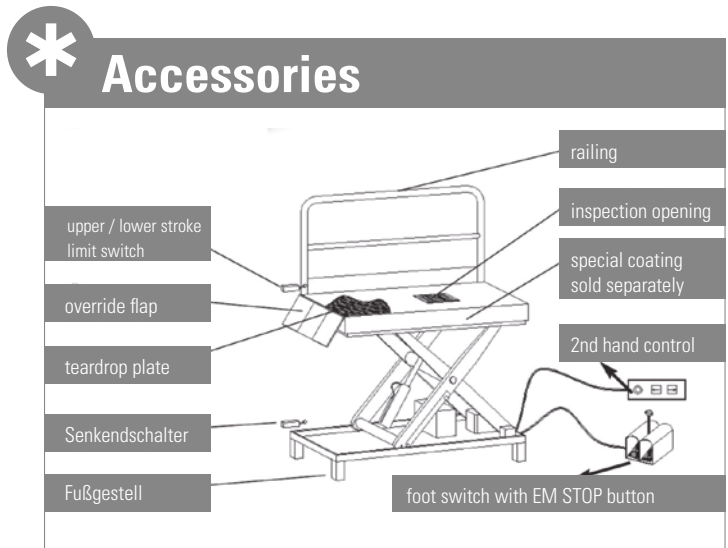
- products conveyed: pallets, pallet trucks, roller conveyors, forklifts
- industries: all industries

Benefits

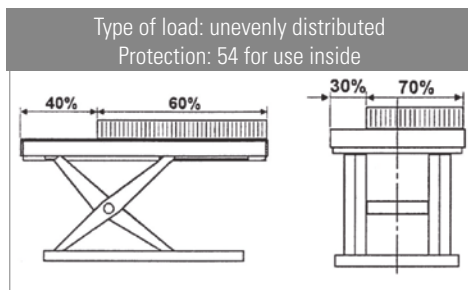
- double-scissor design achieves large stroke lengths
- short platform supports use in limited spaces
- designed for extreme heavy-duty operation

Problems solved:

- large stroke lengths (up to 10 t, 7.5 m effective stroke) in previous applications



More product
Ask for higher load options



B Single-scissor lift tables Heavy-duty range

Model	Capacity (kg)	Effective Stroke (mm)	Height (mm)	L x W (mm)	Lifting time (sek.)	Motor(kW)	Weight (kg)	Art No.
ADX.200.1000.2000.0900.int	1000	2000	500	1700 x 900	36	1,5	900	1170117 89
ADX.200.1000.2300.0900.int	1000	2300	550	2000 x 1000	45	1,5	1100	1170118 89
ADX.200.1000.2700.1100.int	1000	2700	550	2300 x 1500	50	1,5	1300	1170119 89
ADX.200.1000.3000.1500.int	1000	3000	600	2500 x 1700	80	1,5	1630	1170120 89
ADX.6203.001	2000	1500	500	1500 x 1000	35	1,5	820	1170015 89
ADX.6204.002	2000	2000	500	1700 x 1200	30	3	970	1170016 89
ADX.200.2000.2000.0900.int	2000	2000	500	2000 x 1000	30	3	920	1170017 89
ADX.200.2000.2700.1100.int	2000	2700	550	2500 x 1200	42	3	1330	1170018 89
ADX.200.2000.3000.1700.int	2000	3000	600	2800 x 2000	48	3	1770	1170121 89
ADX.200.3000.2300.1300.int	3000	2300	650	2000 x 1500	44	3	1460	1170122 89
ADX.200.3000.2700.1500.int	3000	2700	650	2500 x 1700	50	3	1710	1170123 89
ADX.200.3000.3000.1700.int	3000	3000	700	3000 x 2000	54	3	2000	1120124 89

Usage examples elevating work platforms for industrial applications

These tables are able to lift persons, thereby helping to carry out installations or repairs at higher places which are otherwise difficult to access, for example. But flexibility also solves many other practical issues (e.g. by installing extending platforms, foot switches in the platform, railing-mounted hose reels, and many more!)



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www.kraus-austria.com
office@kraus-austria.com
Tel.: +43(0)463/38 60 25
Fax: +43(0)463/38 60 75

Individuals need individual and tailored solutions.

From first advice to planning and production - contact one of our experts and gain insight in what KRAUS Quality stands for.

Usage example

Elevating work platform of project 95945

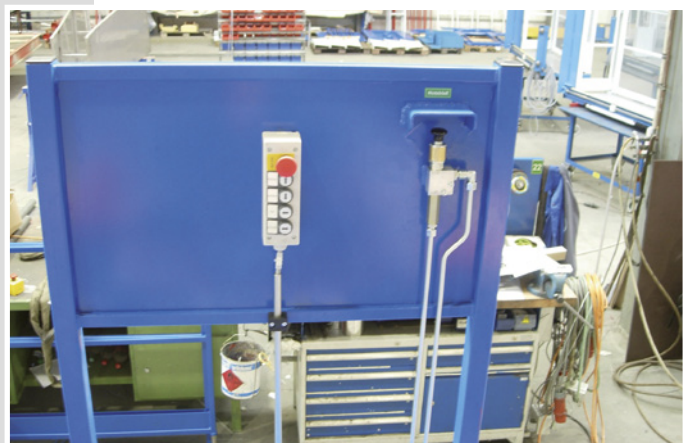
- Capacity: 1500 kg
- stroke lengths: 478 mm to 1528 mm
- platform size: 2000 mm x 1000 mm
- motor power: 1.5 kW
- lifting time: 32 sec
- hose retractor including 10 m air hose
- PVC blinds
- UP/DOWN/ dead man's control /EM STOP (key operated)

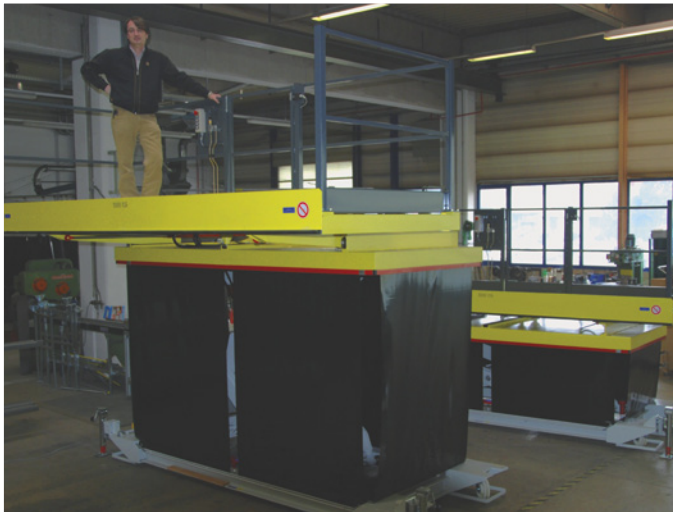


Usage example

Elevating work platform of project 96279

- Capacity: 1000 kg
- stroke lengths: 750 mm to 2400 mm
- platform size: 2800 mm x 1000 mm
- motor power: 2.2 kW
- lifting time: 30 sec
- operating voltage: 400 V / 50 Hz
- control voltage: 24 V
- UP/DOWN/FWD/BWD/EM STOP railing-mounted dead man's control
- infinitely variable stroke limit switch
- circumferential switch-off rail (foot protection)
- blasted steel construction with 2-component thick film coating for high resistance to chemicals and oil
- circumferential platform-mounted removable railing (divided lengthways)
- stop bolt with rubber stop
- emergency drain on the platform
- PVC blinds on all 4 sides
- flanged wheelsets fitted to base frame and driven by geared brake motor
- run interrupter rails on base frame (work in both directions)
- energy chain for 1500 mm of travelling distance
- upper stops to prevent compression / rebound when transferring loads





Usage example

Elevating work platform of project 88494

- Capacity: 1000 kg
- stroke lengths: 700 mm to 2400 mm
- platform size: 4000 mm x 1500 mm
- motor power: 2.2 kW
- lifting time: 40 sec
- 1000 mm of electrohydraulic platform motion
- UP/DOWN/FWD/BWD/EM STOP dead man's control



Usage example

Elevating work platform of project 59923

- Capacity: 1500 kg
- stroke lengths: 450 mm to 1500 mm
- platform size: 1600 mm x 1000 mm
- motor power: 1.5 kW
- lifting time: 30 sec
- operating voltage: 400 V / 50 Hz
- control voltage: 24 V
- UP/DOWN/EM STOP railing-mounted dead man's control



Usage example

Elevating work platform of project 59928

- Capacity: 1000 kg
- stroke lengths: 490 mm to 3000 mm
- platform size: 9000 mm x 1000 mm
- motor power: 2.2 kW
- lifting time: 35 sec
- PVC blinds
- emergency drain in platform under the flap
- UP/DOWN/EM STOP railing-mounted dead man's control

Lorry loaders

- loaders from the standard range carry up to 6000 kg, higher loads upon request
- sturdy because of high-quality components and a heavy-weight design
- low-wear and low-maintenance design
- very safe to use, long life
- can be tailored to meet your specific requirements
- owing to dedicated safeguards, trained persons may enter the platform for loading operations
- safe transport of loads
- meets strictest safety requirements of EN 1570
- teardrop plate platform (standard)
- special coating

* Package includes

- railing (optional)
- load transfer flap
- foot safety rail
- safety supports
- pipe break valve
- pressure relief valve
- oil filling (ready for connection)
- dead man's control with EM STOP
- documentation including the CE declaration of conformity

More product

Ask for higher load options and other dimensions



Load transfer flap:
 Variant with manual load transfer flap on the short side (standard)



A Lorry loaders

Model	Capacity (kg)	Effective Stroke (mm)	Height (mm)	L x W (mm)	Lifting time (sek.)	Motor(kW)	Weight (kg)	Art No.
A3.15.25B.MC.T0.C4	1500	1500	350	2500 x 1500	24	3	1100	1170125 89
A3.25.25C.MC.T0.C4	2500	1500	400	2500 x 2000	31	3	1450	1170126 89
A3.25.30C.MC.T0.C4	2500	1700	400	3000 x 2000	37	3	1650	1170127 89
A3.25.30D.MC.T0.C4	2500	1700	400	3000 x 2400	37	3	1750	1170128 89
A3.40.30D.MC.T0.C5	4000	1700	500	3000 x 2400	41	4	2200	1170129 89
A3.55.30D.MC.T0.C5	5500	1700	550	3000 x 2400	60	4	2300	1170130 89
A3.40.35C.MC.T0.C5	4000	1700	500	3500 x 2000	41	4	2200	1170131 89
A3.55.35D.MC.T0.C5	5500	1700	550	3500 x 2400	60	4	2400	1170132 89
A3.50.40D.MC.T0.C5	5000	1700	550	4000 x 2400	60	4	2500	1170133 89



Lift table for lifting materials from one floor to the next

- up to 10,000 kg capacity and 7,500 mm effective stroke in previous applications, up to 3,000 kg and 5,000 mm effective stroke in standard range
- sturdy because of high-quality components and a very heavy-weight design
- low-wear and low-maintenance design
- very safe to use, long life
- can be tailored to meet your specific requirements

Benefits:

- sturdy design for heavy-duty operating conditions
- extremely warp resistant due to struts supporting the platform
- solid steel scissors

Applications:

- for lifting materials only from one floor to the next
- transport of persons not allowed!

On-site requirements:

- door locking system linked into electric lift table control
- shaft safeguards, all walls to be smooth, no protruding wall edges! (lift table does not feature any connecting blocks because an on-site enclosure is compulsory)
- authority approval of the safety implements
- CE declaration of conformity also covering the on-site measures

Specifications:

platform:	platform made of smooth plate (standard) or teardrop plate supported by steel struts for excellent warp resistance
frame:	supplied without safety switch-off rail; truss-work design made of solid steel stringers for enhanced warp resistance of the platform
scissors:	solid steel
joints:	with self-lubricating and maintenance-free bushes
control voltage:	24 V
operation:	2 teach pads with wall mount bracket; actuation makes the table move the entire length of stroke
control functions:	UP / DOWN / EM STOP / unlock door
paint coat:	special coating, standard blue (RAL 5010), special colours upon request
safety:	additional on-site requirements depend on how the customer uses the machine; before investing in the lift table, we recommend contacting the civil engineer or TÜV (technical inspection agency) to discuss the on-site requirements to be met to obtain the civil engineer's or TÜV approval; contact our engineers for advice
operating voltage:	400 V / 50 Hz
protection:	IP 54 (for use inside)

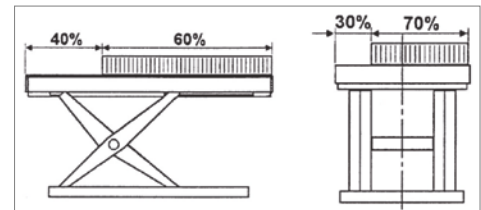
The package includes:

safety maintenance supports, pipe break valve, pressure relief valve, oil filling (ready for connection), control with retaining function (actuation makes the table move the entire length of stroke)



More product

- list of available model ranges (very long)
- Interlock bolt



Type of load: unevenly distributed
Protection: IP 54 for use inside



info

Lift tables for taking materials up or down to the next level are subject to particular safety requirements

up to 7500 mm



Simplified goods lift VGA

KRAUS column lifter designed as a simplified goods lift for taking materials up or down to the next level

This equipment is tailored to meet any local need. It is planned and built with reference to EN 81 (Lifts Ordinance). Ask our technical advisory team for an on-site visit to determine the local needs. You will be sent an acceptance drawing prior to the start of production. There are many different variants adapted to every customer's specific needs. We can take account of particular ambient influences (low temperature, moisture, explosion control, etc.) as well as your specific dimension and load requirements (the pictures show a design example) A lift inspector preliminarily checks our systems at the design stage already. After installation, the lift inspector performs a final acceptance test and issues a test document.

Technical features:

- sturdy design made for high stress levels
- stable and warp resistant platform
- a hydraulic cylinder on the lift shaft does the lifting (available with scissors to accommodate for local conditions)
- high-quality plunger cylinders, red paint, hard chromium-plated piston rods
- Capacity: 500 kg
- stroke lengths: 80 mm to 4850 mm
- design height: 6600 mm
- platform size: 1450 mm x 1150 mm (teardrop plate)
- lifting time: 30 sec
- blasted steel construction with 2-component thick film coating for high resistance to chemicals and oil
- persons may enter the platform but must not stay on it while lifting
- only have trained and instructed persons, i.e. a limited set of authorised persons, operate VGA
- stop bolt with rubber stop
- adjustable upper stops
- requires a pit just 100 mm deep!

Safety devices:

- pipe break guard in cylinder
- pressure relief valve
- lowering brake valve
- maintenance supports
- designed with reference to EN 81 (Lifts Ordinance)
- safety fence / door (2 m high with door) at bottom landing
- door and railing a middle landing
- door at top landing provided by customer and electromechanically safeguarded by us
- railing all the way around the platform



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www.kraus-austria.com
office@kraus-austria.com
Tel.: +43 463 3860 25
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Top landing

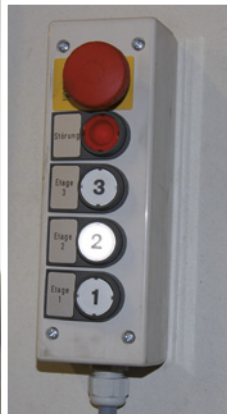


Power unit and control:

- external power pack with 3 m hose on a leakage oil pan with hood
- lockable pressure gauge
- high-pressure filter and other elements required by the Lifts Ordinance
- motor power: 3 kW
- operating voltage: 400 V / 50 Hz
- control voltage: 24 V
- working point dead man's control (UP/DOWN/EM STOP) on the landings
- indicators on control cabinet door: overload, safety contacts, low oil level
- IP 54 protection for use inside
- electric power supply up to control cabinet provided on site



Middle landing



Bottom landing



Pallet loading / unloading station

KRAUS' pallet loading / unloading stations for Europallet and industrial pallet logistics.

Product variety by tailored solutions perfectly matching every need, every industry and every type of production. Individual configuration or based on a modular kit.

Benefits:

- extremely low profile (from 80 mm)
- mounted at ground level
- built-in conveyor system
- loaded by pallet truck
- lower costs because a pit or expensive forklift are not required



Trust us to face YOUR challenges

www.kraus-austria.com
office@kraus-austria.com
Tel.: +43(0)463/38 60 25
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Designed for a long life through:

- an extremely stable design
- hydraulic power pack with safety cover
- hydraulic cylinder with hard-plated piston rod
- replaceable carbide metal rails
- bottom end-of-stroke damping by adjustable rubber stops
- adjustable limit stop for a smooth transfer from the roller conveyor to the pallet loading/unloading station
- chain-controlled drives with galvanised rollers
- visible or hidden light barriers
- reduced costs by maintenance-free scissor bearings and rollers



Special lift table designs

Successful examples

Particular requirements often ask for more than standard solutions. This is where our special-purpose lift tables come in. They are tailored to meet the needs of your specific application. Decades of experience guarantee that we will find the perfect solution. The successful examples below may tell you more than a lot of text.



Capacity: 10,000 kg
fully mobile



Capacity: 10,000 kg
platform size: 5,000 mm x 4,400 mm
stroke: 7,500 mm
(special transport, wide load)



2-column car lifter, capacity: 2.5 t, effective stroke: 3.64 m



Particular requirements often ask for more than standard solutions. This is where our special-purpose lift tables come in.

Feel free to contact our **lift table expert, Ing. Meinhard Schuschu!**

Tel.: +43 463 3860 25



Capacity: 2,000 kg, hot galvanised for outdoor use, lateral railing, sliding door at top, lift table bar electrically secured



**Capacity: 12.000 kg
Design height: 272 mm**



**Capacity: 2.000 kg
non-combustible hydraulic oil
Castor wheel carriage**



**Capacity: 3.000 kg
On-rail carriage with brake motor**



Capacity: 16.000 kg, Stroke 2.850 mm
Carriage with geared motor



Lorry lifter, platform size: 11.0 m x 3.8 m,
Capacity 16 t



Platform lift with a 14.0 m x 4.5 m platform,
Capacity 25 t



Capacity 1.000 kg, Plattform 1.980 x 980 mm, Hub 1.200 mm
Use in spray booth, explosion-proof design Telescopic aprons,
rubber switch-off rail



Capacity: 3.000 kg
Effective Stroke 5.650 mm



Capacity: 300 kg
Stroke 1625 mm
Stainless steel finish



Capacity: 6.000 kg
Bellows all the way round

Loading dock with foldaway bridge

- solid welded steel construction
- anti-slip platform (teardrop plate)
- various standard sizes available, see table (special sizes upon request)
- single or three-part foldaway bridge available (for narrower lorries), see table
- capacity: 6000 kg
- operating voltage: 400 V – 50 Hz
- control voltage: 24 V
- motor power: 0.75 KW
- paint coat: standard is RAL 5010 (blue), special colours upon request
- supplied with hydraulic power pack and control
- IP 56 protection



High-quality submersible pump unit with an electric motor running in an oil bath, very reliable, standard design trusted by 1000s of customers, easily accessible hydraulic valves



Surface-mounted control box featuring all controls (including EM STOP) required to control the ramp, with 4 m drop cable for ramp connection



The two outer elements of three-part foldaway bridges yield under load (e.g. the lorry's tail lift), thus avoiding damage to the lorry

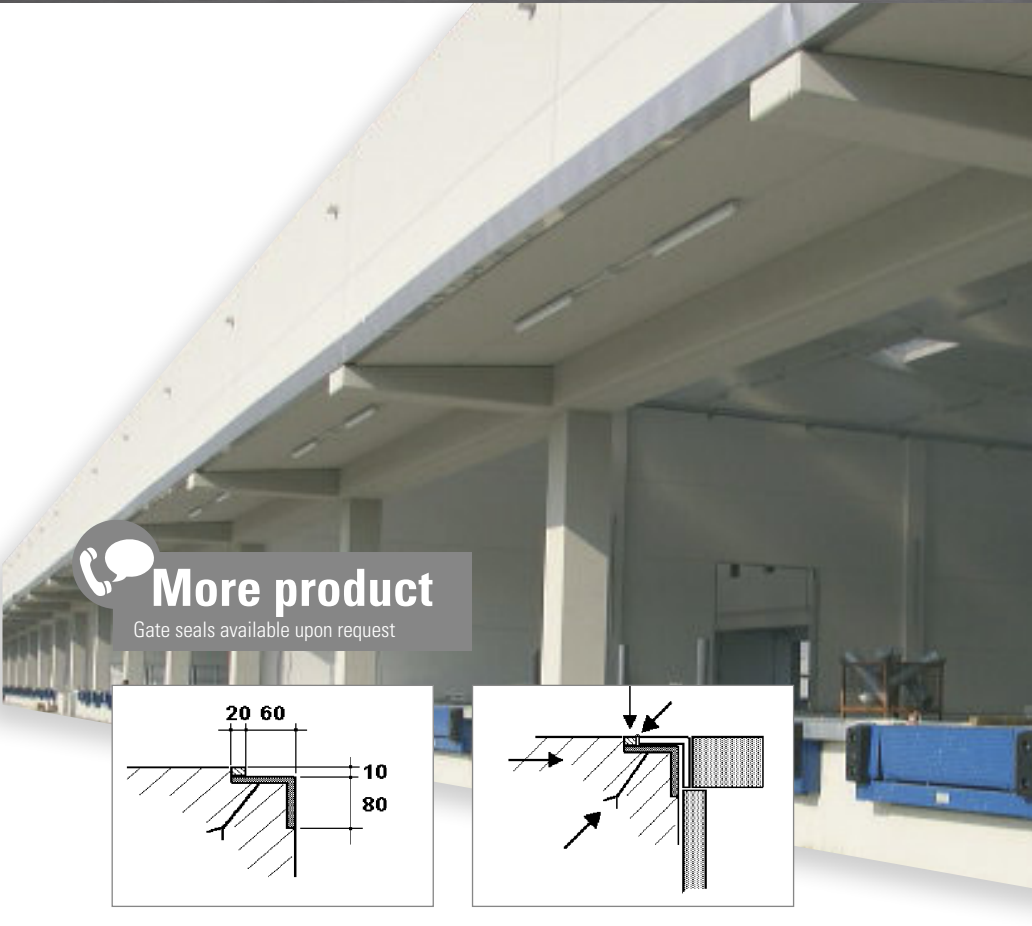
Installation

Ask for our on-site installation service (service sold separately)



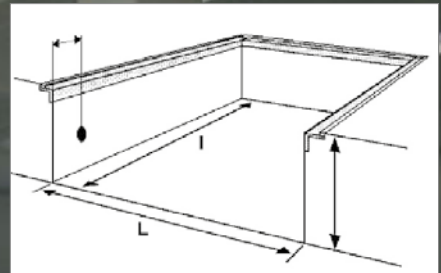
A Loading dock with foldaway bridge

Model	Capacity(kg)	Platform Length (mm)	Platform Width (mm)	Bridge Length (mm)	No. of Bridge Segments	Motor (kW)	Art No.
RSAP6.2C1.00.80E.S10B	6.000	2.500	2.000	400	1	0,75	1170136 89
RSAP6.3C1.00.80E.S10B	6.000	3.000	2.000	400	1	0,75	1170137 89

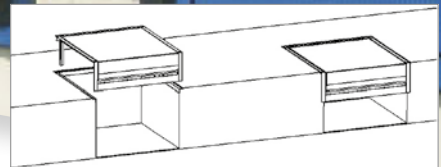
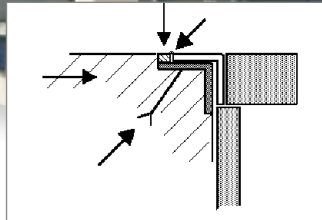
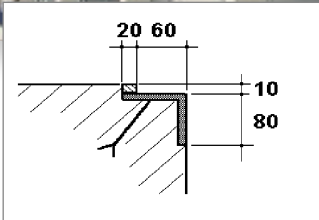


More product

Gate seals available upon request



When we are awarded the contract, we will provide you with a well-arranged pit diagram containing all details you need to perfectly prepare the installation. On-site work is limited to set a mounting angle in concrete to serve as supporting bracket



The actual installation process consists of placing the loading dock on and welding it to the mounting angle. This is followed by the electrical hook-up which just requires an on-site mains power supply up to the power pack (400 V / 50 Hz).



Also ask for a special variant with a self-supporting chassis for installation on a concrete floor (if there is no on-site concrete ramp)

Loading dock with foldaway bridge

Project engineering and installation

- Ask for our assistance when you start planning your investment in loading docks.
- Contact our competent field staff for their advisory service!
- Upon request, we will take your of the mechanical and electrical installation (at a fair price). Our installation and service network goes far beyond the borders of Austria!
- Also trust us with organising the statutory acceptance test of the installed system by a certified and generally sworn-in civil engineer!



KRAUS loading dock with foldaway bridge built in underneath a sectional gate

Electrohydraulic loading docks

- any colour you specify
- yellow zinc plated
- cold galvanised
- 100% stainless steel
- accessories: tower lights, safety wedges, buffers, rewinders, sealing pads, lorry wheel guides



info

Please ask for our assistance with planning your entire project



Installation

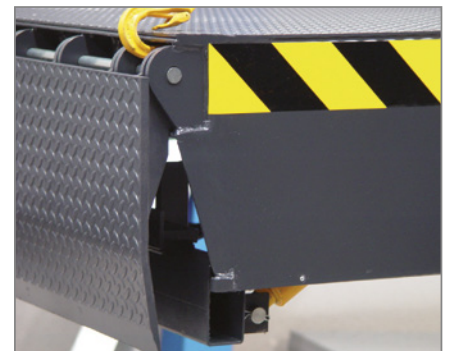
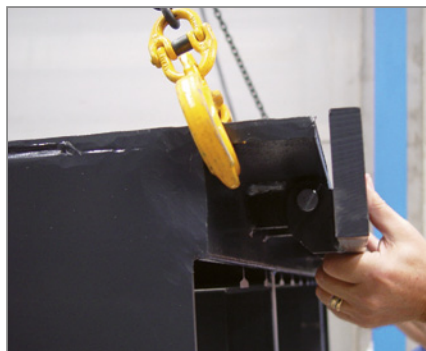
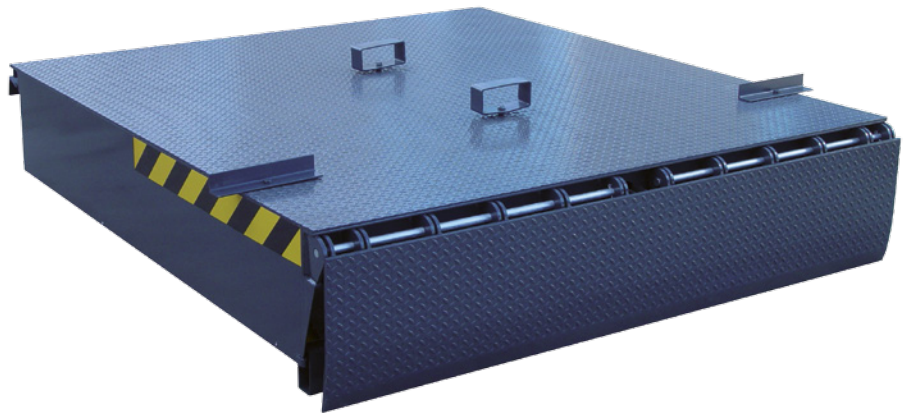
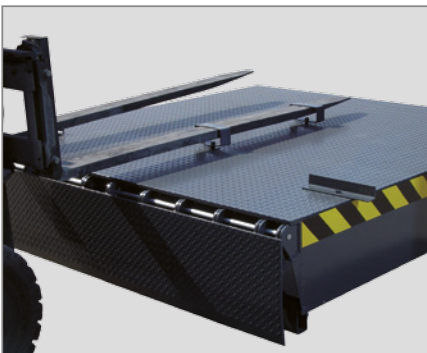
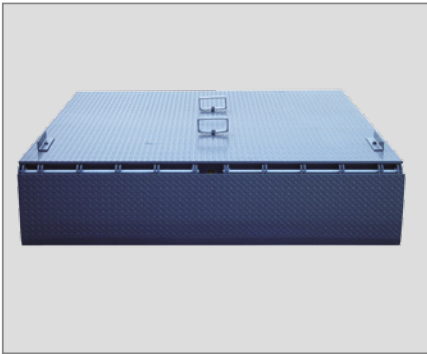
Ask for our on-site installation service (service sold separately)

Hydraulic dock leveller RH14 (light-duty)

- 6 t, variable
- height: 600 mm
- transport height (folded down): 450 mm

A Hydraulic dock leveller model RH14 (light-duty)

	Length	Width	Height
Sizes in mm	2.000	1.800	600
	2.500	2.000	
	3.000	2.000	
	3.500	2.200	



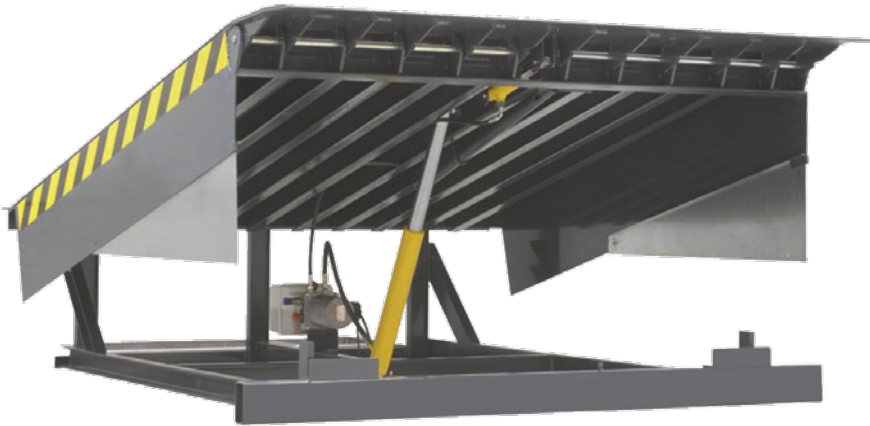


Standard hydraulic dock leveller model RH1

- 6 t, variable
- hinged lip: 400 mm
- 6 t to 10 t, variable
- many standard sizes
- special sizes available

A Standard hydraulic dock leveller model RH1

Sizes in mm	Lenght	Width	Heigth
	2.000	1.800	600
2.500			
3.000			
3.500	2.200	700	
4.000			
4.500			



Telescopic lip dock leveller models RH2 & RH3

- heights: 600 mm to 800 mm
- telescopic lip lengths: 500 mm and 1000 mm
- 6 t to 10 t, variable
- widths: 1,800 mm to 2,250 mm
- lengths: 2,000 mm to 4,500 mm
- many standard sizes
- special sizes available



Flexible gate seals

Resilient gate covers have been designed with warehouses, logistics centre, and any kind of factory in mind. They help you save a considerable amount of energy and ease all docking/undocking manoeuvres.

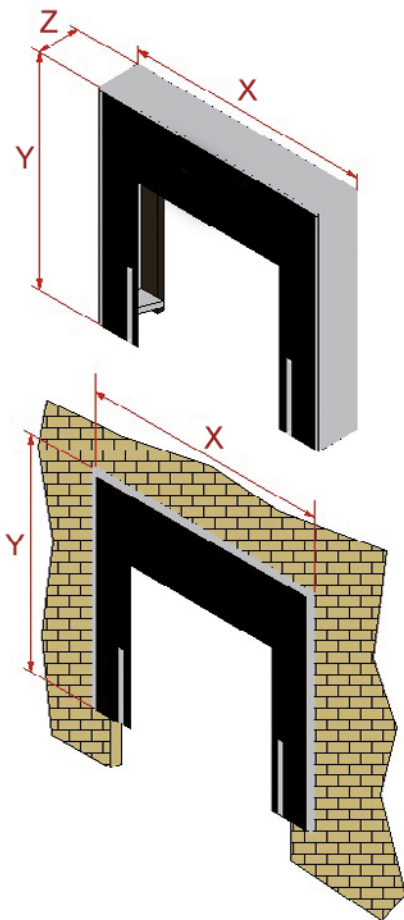
Made of 3 mm PVC canvas with double-reinforced fabric and profiles of 95% aluminium profiles. Designed to withstand docking mistakes. The gate seal consists of an all-round frame holding the canvasses which adapt to the lorry's body.

Since the entire structure folds away, the seal will return to its original position in case the lorry driver makes a mistake while docking.

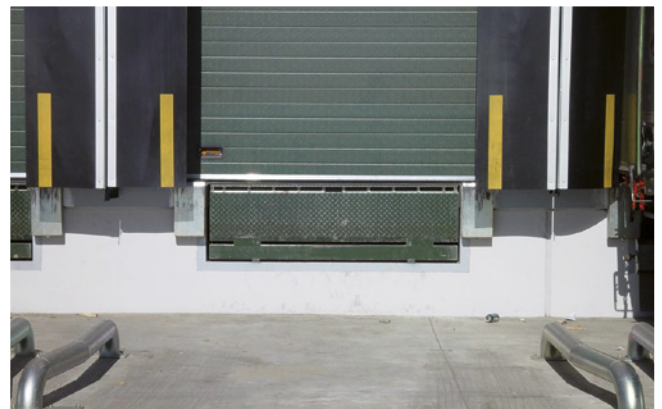
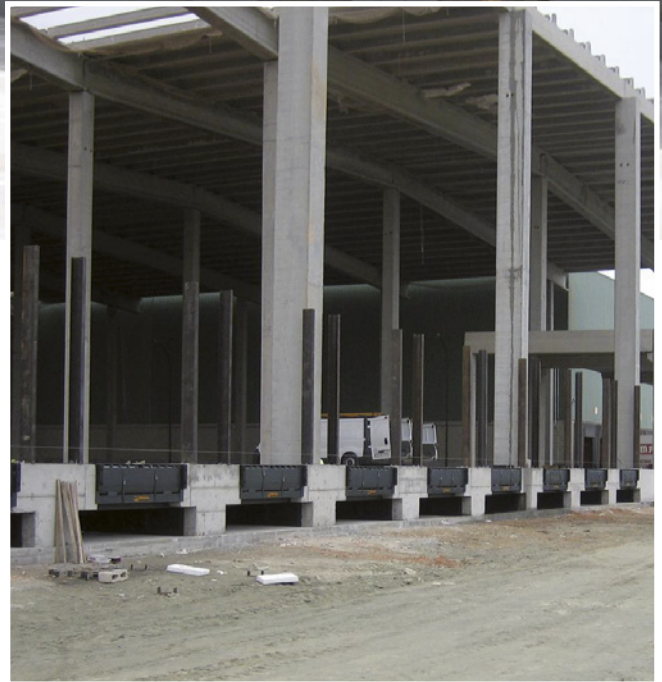


info

Rapid-action or sectional gates available upon request



Gate seals	x	y	z
3.200 x 3.200	3.200	3.200	600
3.200 x 3.400	3.200	3.400	600
3.200 x 3.600	3.200	3.600	600
3.200 x 4.000	3.200	4.000	600
3.200 x 4.400	3.200	4.400	600
3.400 x 3.200	3.400	3.200	600
3.400 x 3.400	3.400	3.400	600
3.400 x 3.600	3.400	3.600	600
3.400 x 4.000	3.400	4.000	600
3.400 x 4.400	3.400	4.400	600

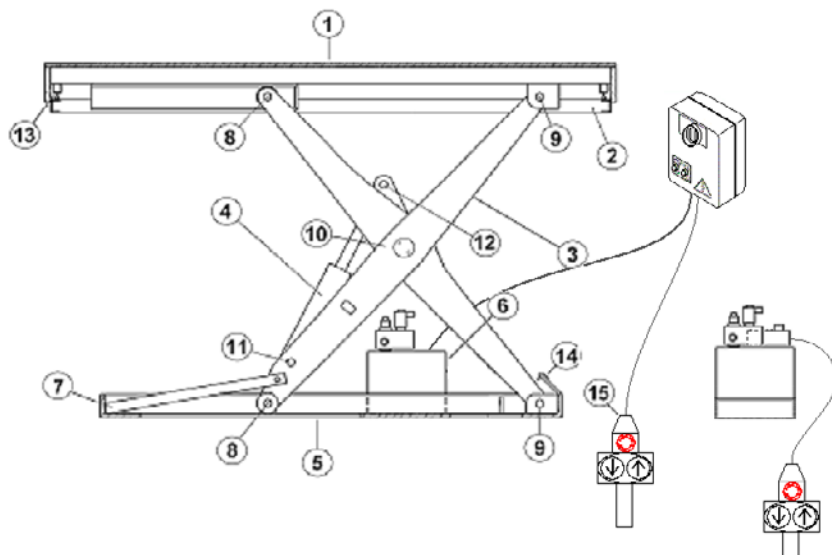


Light-duty series SPECIFICATIONS

Lift tables without a carriage to be fastened to the ground.

The general design features of lift tables include a top and bottom frame and at least two interlinking pairs of scissors. A table is moved by one or more hydraulic cylinders driven by an electrohydraulic pump. The top frame (platform) moves vertically and in parallel with the ground. At one end, both scissor pairs are attached to the top and bottom frame, while the other end runs on rollers in horizontal guides mounted on either the top or bottom frame.

All load-bearing parts of the assembly are maintenance-free, all bolts can be removed, and the bearings are self-lubricating.

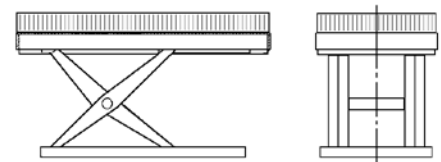


1. Top frame (platform)
2. Safety switch-off rail
3. Scissors
4. Cylinder
5. Bottom frame
6. Built-in or external hydraulic power pack
7. Service support
8. Scissor rollers (floating bearing)
9. Scissor rollers (fixed bearing)
10. Central link
11. Bottom cylinder mount
12. Top cylinder mount
13. Switch of safety switch-off rail
14. Stroke limit switch
15. Controller box with 4 m cable

The hydraulic power pack can be installed inside or outside of the assembly. The diagram above shows a lift table with an internal power unit

General ratings of the light-duty series

Operating voltage:	400 V – 50 Hz
Working pressure:	140 atm
Maximum lowering speed:	3 m/min
Noise:	< 80 dB
Internal power unit:	0.75 kW
Type of load:	evenly distributed load (model 100)
Working temperature:	–15° C to 60° C (do not use in humid or explosive environments!)

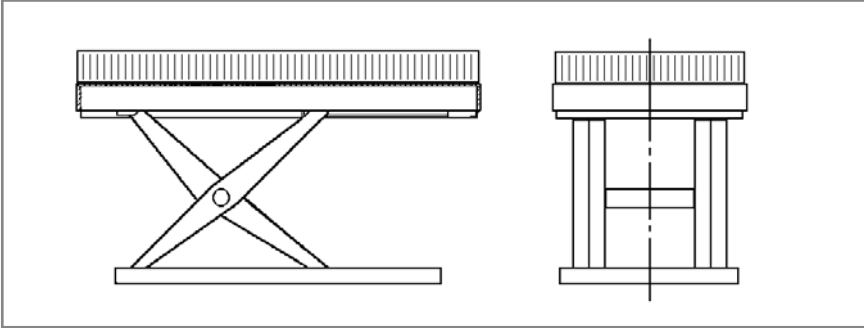


Attention! Light-duty series lift tables are intended for lifting goods only (do not lift persons)

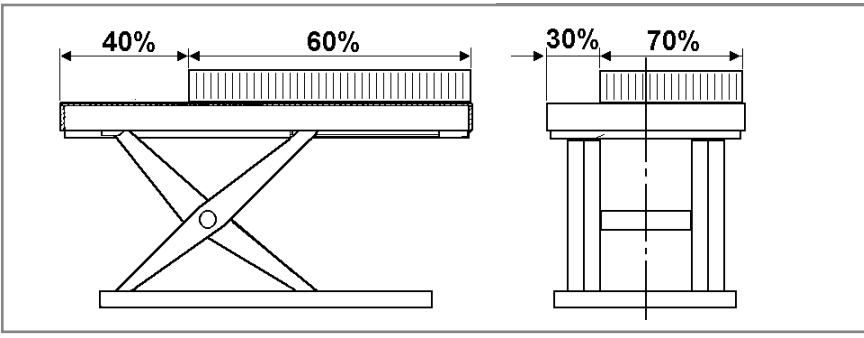


LOAD DISTRIBUTION

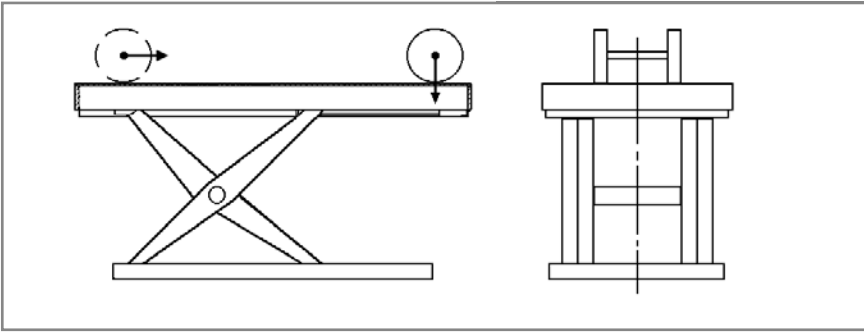
Model 100: evenly distributed load

	<p>Models: AXL 100, ADXL 100</p> <p>Example: pallet with surface load distributed across the entire platform</p>
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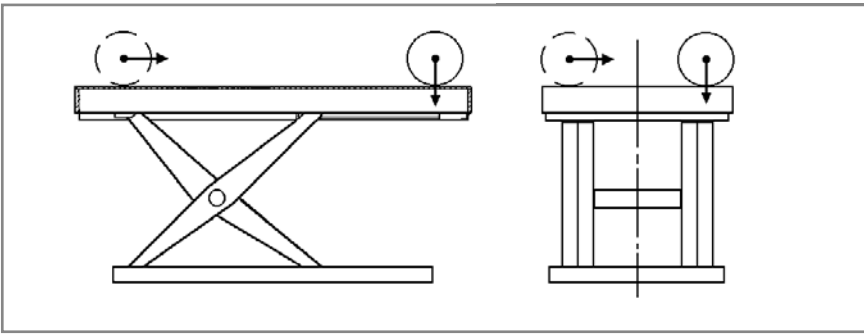
Model 200: partly distributed load

	<p>Models: AX 200, ADX 200, ATX 200, AXC 2</p> <p>Example: sheet package – layout as shown</p>
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Model 300: partly concentrated load moving forward / backward

	<p>Models: AX 300, ADX 300, AXC 3</p> <p>Example: loaded pallet truck moves length ways onto the platform</p>
--	---

Model 400: concentrated load moving at any point of the platform

	<p>Models: AX 400, AXC 4</p> <p>Example: using a forklift to load a lorry in this case, 90% of the load rests on the front wheels</p>
--	---

Load position: Place the load on the platform in a way that avoids sudden changes in position. Verify that the loads are actually down on the platform, i.e. they must neither hang down nor protrude from the carrying surface of the upper platform.

Temperature: Rated ambient temperatures range between -15°C and $+60^{\circ}\text{C}$. Do not operate in humid, dusty or explosive atmospheres.

LAYOUT DIAGRAM OF HEAVY-DUTY LIFT TABLE PITS

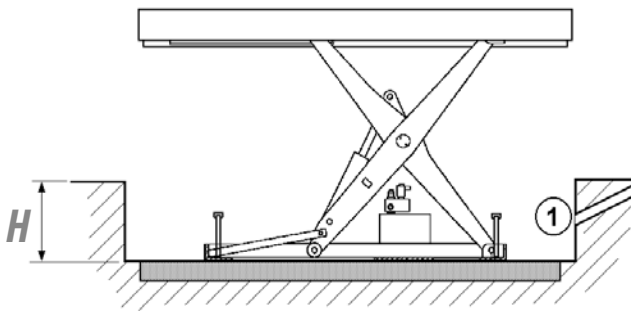
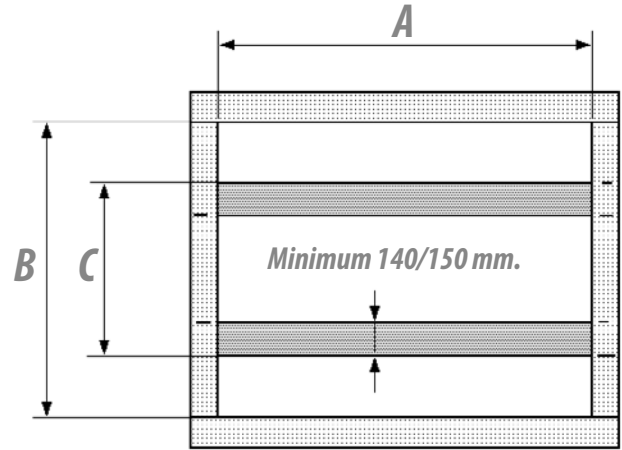
Pit layout diagram

To calculate the dimensions

A = length of lift table + 30 mm

B = with of lift table + 30 mm

C = width of baseframeens



Lateral view of pit

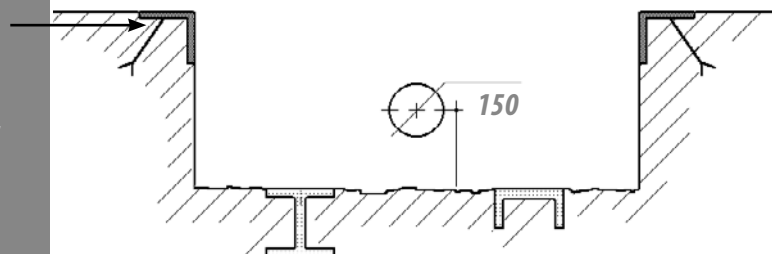
1. Place the cable and hose duct (= 150 mm) halfway down the short side where the hydraulic power unit is located.

H = height of closed lift table + 5 / 10 mm.

Front view of pit

The 60 mm x 60 mm x 6 mm bracket or similar device is solely intended to protect the edge.

You may leave out the two I or U beams, provided that the concrete floor is really smooth and flat and made to carry the design load.



**NOTE: Consider the actual sizes and dimensions when placing the 2 profiles.
Neither the walls nor the pit floor require a specific finishing.**



DRAWING OF PIT FOR LIFT TABLES WITH A WORKING STROKE BETWEEN 2001 mm TO 5000 mm

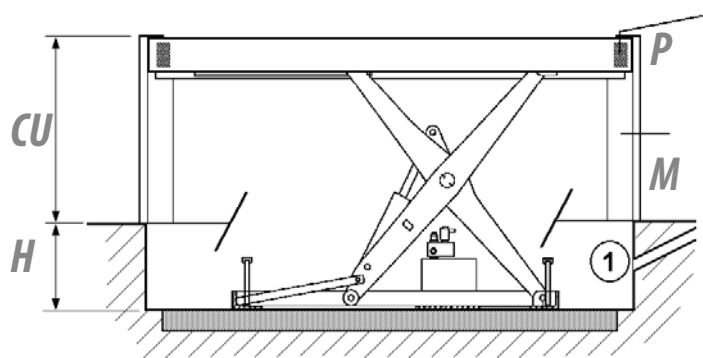
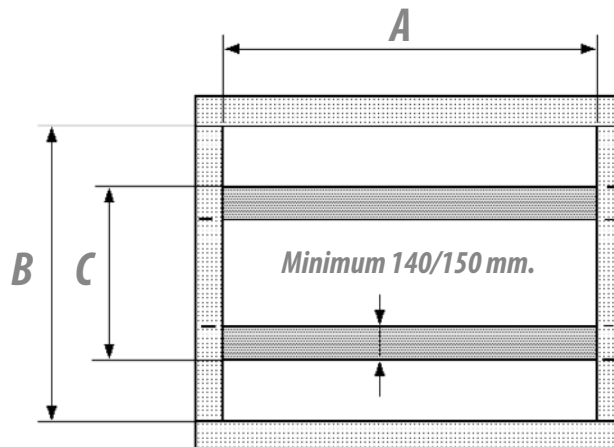
Pit layout diagram

To calculate the dimensions

A = length of lift table + 30 mm

B = with of lift table + 30 mm

C = width of bottom platform



Lateral view of pit

P = guide jaws at all 4 corners

1 = Place the cable and connecting lead duct (= 150 mm) halfway down the short side where the dynamic oil control unit is located.

H = height of closed lift table + 10 / mm

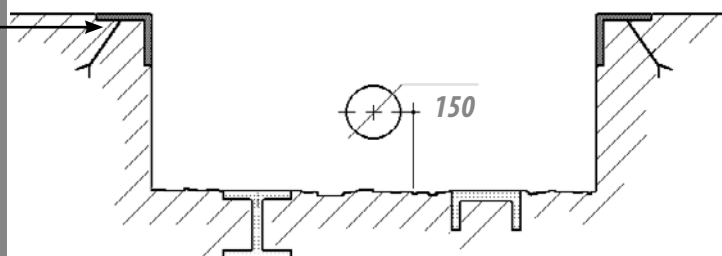
CU = working stroke of lift table

M = 4x angular guide brackets, 80 x 80 x 8 [mm]

Front view of pit

The 60 mm x 60 mm x 6 mm bracket or similar device is solely intended to protect the edge.

The support consists of 2 plates (or 1 / UPN profiles)

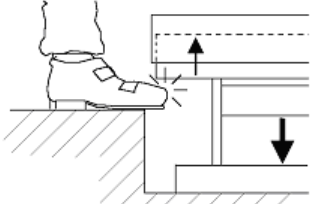
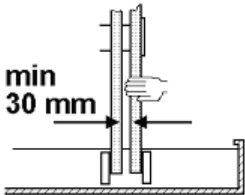
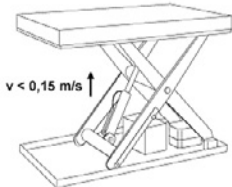
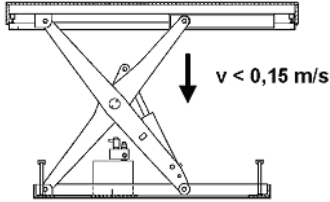
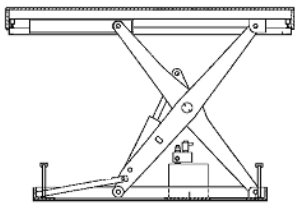
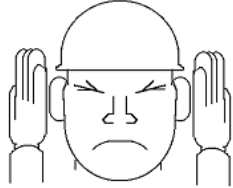
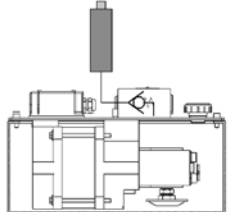


**Note: Place the two profiles at the specified points.
Neither the walls nor the pit floor require specific finishing.**

RISK / HAZARD

SOLUTION

DIAGRAM

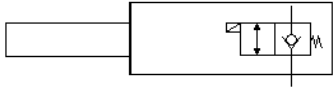
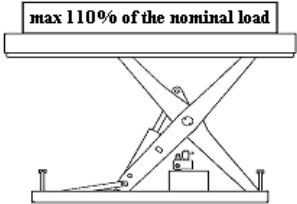
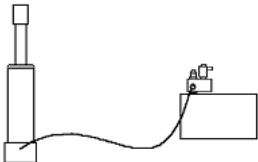
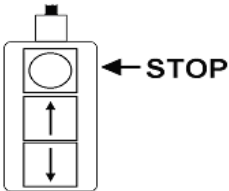

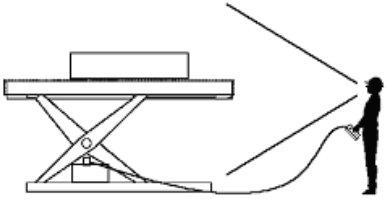

<p>Crushing</p>	<p>Safety control bar</p>	
<p>Crushing</p>	<p>Distance between the lift table arms min. 30 mm</p>	
<p>High lift speed</p>	<p>Lower lift speed than 0.15 m/s</p>	
<p>High lowering speed</p>	<p>Balancing</p>	
<p>Uncontrolled downward movement</p>	<p>regulator support</p>	
<p>Noise level</p>	<p>Max. 85 dB</p>	
<p>Uncontrolled lowering</p>	<p>Anti-draining valve</p>	



RISK / HAZARD

SOLUTION

DIAGRAM

Uncontrolled lowering	Electromagnetic valve on cylinder	
Overloading	Overpressure valve	
Break in hydraulic components	Min. two times the nominal pressure	 $p_{max} > 2 p_{nom}$
Power cut	Movements are halted	
Re-establishment of power supply	Lift table remains	
Human error	within designated danger zone	
Thermal and climatic stress	Protection class IP54	



KRAUS Betriebsausstattung und Fördertechnik GmbH

Tel.: +43 463 3860 25
Fax +43 463 3860 75
Sattnitzgasse 69

www.kraus-hubtisch.at
hubtisch@kraus-austria.com
A-9020 Klagenfurt am Wörthersee