

Lifting Tables



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Lifting Tables

The Standard Configuration of our Lifting Tables



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Our technology

- Greater load-bearing capacity and rigidity for the chassis, with a profile-reinforced top frame
- Platform available in smooth or bulb plated
- Solid steel scissor-arms
- All-round safety contact bar
- Tube-break protection
- Overload protection
- Pushbutton control (up/down) and dead-man cut-off function
- 3m long cable
- Corresponds to current EN 1570 standards
- 400 V three-phase voltage
- 42 V control voltage
- Low-maintenance bearings
- Bearing-mounted travelling rollers
- Hard-chrome plated cylinders and piston rods
- Oil tank with filter
- Compact-designed hydraulic system
- Lowering brake valve (PROLINE HTA-X, HTA-T and HTA-D)

Your advantage

High stability

High safety standards

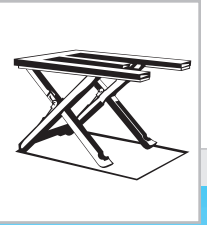
High performance

Long service life

Easy handling and control

All-inclusive: Each lifting table is supplied with an inspection book with a foundation and assembly plan, plus comprehensive maintenance and operating instructions.

We supply convenience as standard.

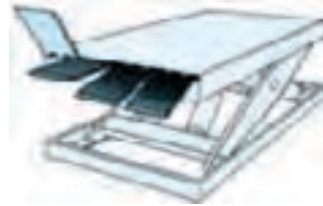


Our lifting tables supply both convenient standard features and optimum customized individual solutions. Faster and easier than you would expect and with a range of options that leaves no wishes unfulfilled - all with the reliability with which we have established in the market for many years. Not forgetting our worldwide customer service provided from a single source.



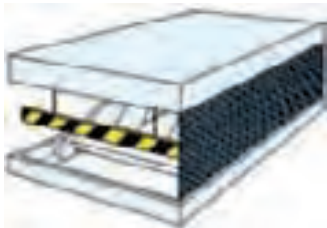
Safety gate

You can rely on this additional protection: the safety gate offers effective protection against falling from the lifting platforms located in front of loading ramps/quays.



Gangway flaps

Cost efficient convenience: these ramp flaps splitted in hinged sections are the ideal way to compensate level differences between the lifting table and the vehicle being loaded.



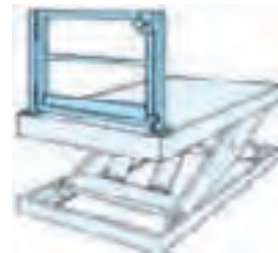
Bottom flange protection

A vital safety feature of these units is the bottom flange protection designed to prevent unauthorized access to the area beneath the lifting table.



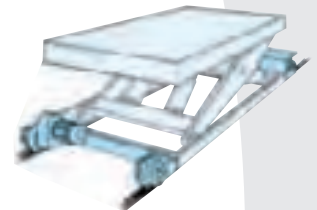
Roll-off barrier

For prevention of accidents caused by loads inadvertently rolling off the platform. Mechanical or hydraulic versions available.



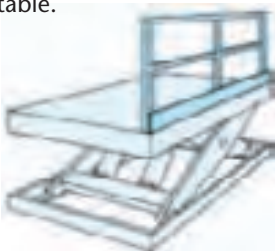
Safety gates

When extra safety is required, these automatic single or double door wings lockable.



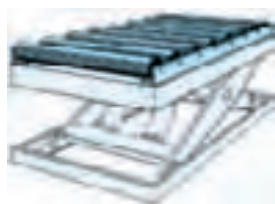
Mobile running gear

Delivered to your specifications: rail-based running gear for lifting table mobility. With steering rollers or air cushion mounted.



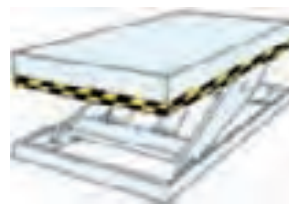
Side railing

Helps prevent anyone on the platform from falling over the long or short sides (can optionally be fitted with integrated controls).



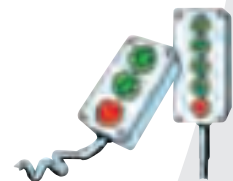
Add-ons

The way to adapt the system to your own requirements: the lifting table can be adjusted to individual needs by fitting, for example, conveyor rollers (non-actuated or actuated) or a turntable.



Reinforced frame

The robust and safe answer to safe transport: the reinforced frame can be driven over with a truck weighing up to 10 tons axle load.



Controls

Operating convenience at the push of a button: These up-to-date control systems are also designed for the free programming according to your individual specification.



Lifting Tables

PROLINE Lifting Tables for Industrial Plants

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The versatile partner when lifting of heavy-weight loads is required. Reliable in operation and especially stable in design, these platforms are designed for the easy handling of all items, including concentrated and unevenly-balanced loads.



Diagram and chart see page 54/55

Information on optional accessories see page 51



silberblau VARIOLIFT HTA-X PROLINE up to 7t

This lifting table is unsurpassed in its versatility and robust configurations designed for the lifting of heavy loads to your individual requirements. Most comfortable/functional for static use, it is both highly efficient and suitable for long, continuous periods of use (30 cycles and 75 motor startups per hour in one-shift operation). With integrated pressure control valve to provide overload protection. For safe operation; the brake valve lets you adjust the lowering speed of the platform with extreme precision. HTA-X PROLINE lifting tables for industrial plants are supplied with an upper limit switch and are available in 40 different standard configurations, with lifting capacities of up to 7 metric tons.

silberblau POWERLIFT HTA-T PROLINE up to 10t (w/o fig.)

The heavy athlete within our lifting platform range - this static lifting table is designed for the effortless lifting of heavy goods and machinery weighing up to 10 metric tons. Its key feature is a heavy-duty tandem scissors-mechanism, which can even handle long objects without affecting the load-distribution. Even badly balanced and centered loads can be lifted easily and with precision, thanks to the extreme stable design of these units. Additionally, optimum lifting heights are achieved despite the low overall height of the unit. The standard HTA-T PROLINE comes with a motor capacity of up to 5,5 kW and can lift up to 10 metric tons.



PROLINE Lifting Tables for Industrial Plants



Information on optional accessories see page 51



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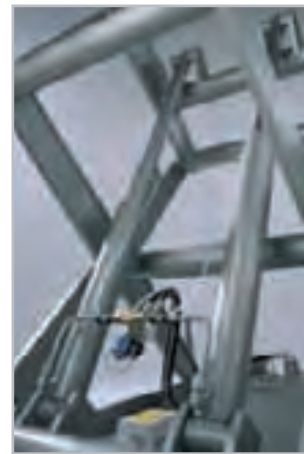
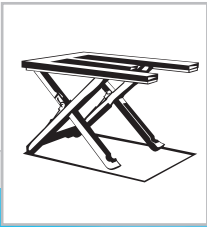


Diagram and chart see pages 54/55



silberblau TWINLIFT HTA-D PROLINE up to 3t

The robust twin-scissors design of this especially compact lifting table offers double lift height with the same platform dimensions. This design feature is of special importance when space is tight - as in plant engineering, the automotive industry or power plant construction. Take advantage of long, permanent operating times with a maximum of 40 operating cycles and motor startups per hour in one-shift operation. An integrated overload protection by means of a pressure control valve, a lowering-speed brake valve and an upper limit switch are all supplied as standard with the HTA-D PROLINE, which can lift up to 3 metric tons.



Lifting Tables

PROLINE Lifting Tables for Industrial Plants

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The highlights of our lifting tables for industrial plants

Our offer

- Extra-stable design means greater lifting capacity for centered and unevenly-balanced goods
- Optimum lifting heights offered despite low overall height
- Precise load handling
- High level of efficiency
- Long permanent operating time
- Corresponds to all relevant safety regulations (e.g. German UVV standards)
- Safe and hazard-free operation
- The lowering-brake-valve provides fine-tuned control of lowering speed
- The upper limit switch is located within easy reach

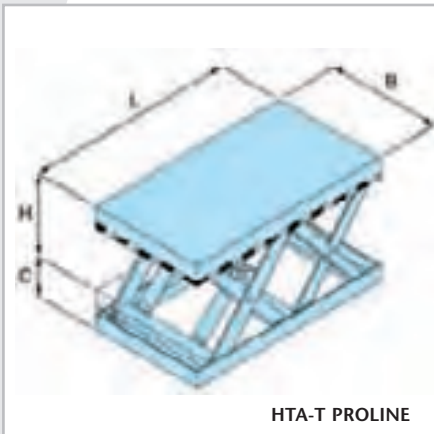
Your advantage

High degree of functionality

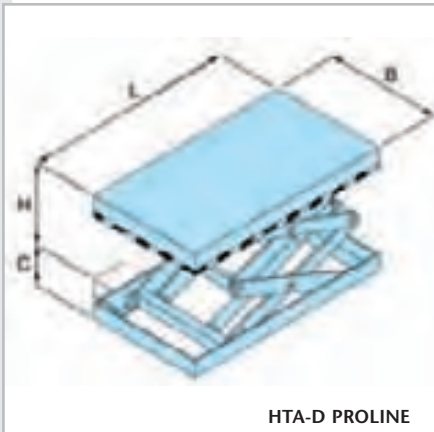
High standard of safety

High degree of operating performance

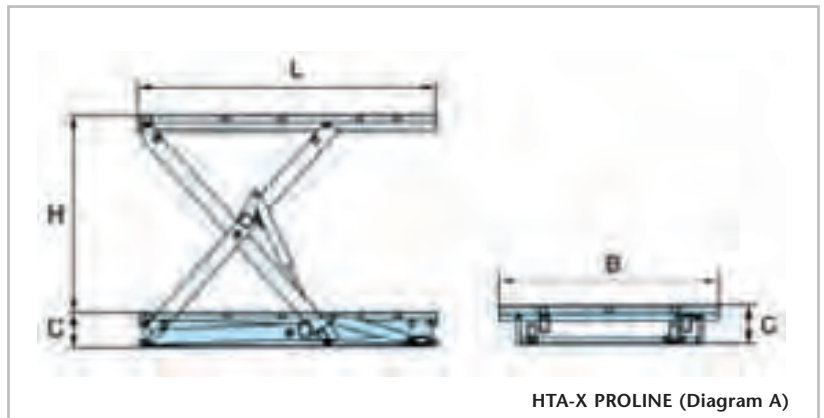
Please enquire about further options, such as higher lifting capacity or alternative platform sizes!



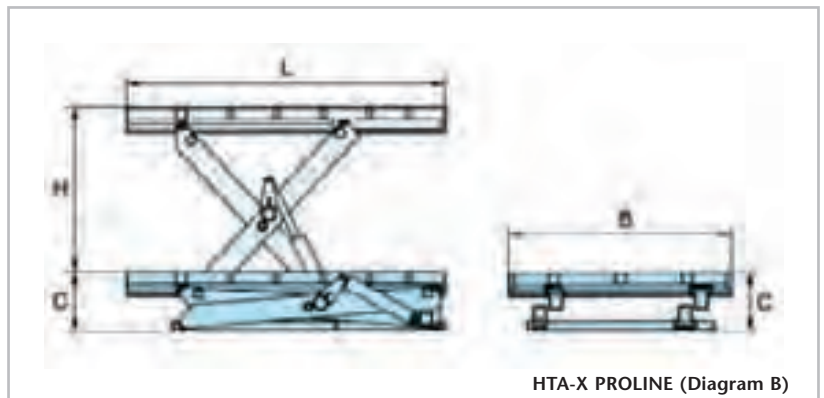
HTA-T PROLINE



HTA-D PROLINE



HTA-X PROLINE (Diagram A)



HTA-X PROLINE (Diagram B)



PROLINE Lifting Tables for Industrial Plants

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HTA-X PROLINE lifting table for industrial plants (Diagram A)

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034560200	1,0	0,8	1,40 x 0,8	300	16	1,1	300
034560201	1,0	0,8	1,40 x 1,0	300	16	1,1	320
034560202	1,0	1,1	1,70 x 1,0	300	22	1,1	400
034560203	1,0	1,1	1,70 x 1,2	300	22	1,1	430
034560204	1,0	1,3	2,00 x 1,0	320	29	1,1	500
034560205	1,0	1,3	2,00 x 1,2	320	29	1,1	580
034560206	1,0	1,6	2,50 x 1,2	350	28	1,5	700
034560207	1,0	1,6	2,50 x 1,5	350	34	3,0	950
034560208	1,0	1,8	3,00 x 1,2	350	40	3,0	1000
034560209	1,0	1,8	3,00 x 1,5	350	40	3,0	1110
034560210	1,0	1,8	3,00 x 2,0	350	40	3,0	1270
034560211	2,0	0,8	1,40 x 0,8	300	16	1,5	320
034560212	2,0	0,8	1,40 x 1,0	300	16	1,5	340
034560213	2,0	1,1	1,70 x 1,0	300	23	1,5	420
034560214	2,0	1,1	1,70 x 1,2	300	23	1,5	450
034560215	2,0	1,3	2,00 x 1,0	320	30	1,5	520
034560216	2,0	1,3	2,00 x 1,2	320	30	1,5	600
034560217	2,0	1,6	2,50 x 1,2	350	34	3,0	820
034560218	2,0	1,6	2,50 x 1,5	350	34	3,0	950
034560219	2,0	1,8	3,00 x 1,2	350	40	3,0	1000
034560220	2,0	1,8	3,00 x 1,5	350	40	3,0	1110
034560221	2,0	1,8	3,00 x 2,0	350	40	3,0	1270
034560222	3,0	0,85	1,50 x 1,0	350	22	2,2	540
034560223	3,0	1,2	2,00 x 1,0	350	25	3,0	780
034560224	3,0	1,2	2,00 x 1,2	350	25	3,0	840
034560225	3,0	1,6	2,50 x 1,2	380	35	3,0	1000
034560226	3,0	1,6	2,50 x 1,5	380	35	3,0	1110
034560227	3,0	1,8	3,00 x 1,5	380	45	4,0	1270
034560228	3,0	1,8	3,00 x 2,0	380	45	4,0	1400

HTA-X PROLINE lifting table for industrial plants (Diagram B)

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034560229	5,0	1,6	2,50 x 1,5	450	37	4,0	1550
034560230	5,0	1,6	2,50 x 2,0	450	37	4,0	1700
034560231	5,0	1,8	3,00 x 1,5	500	45	4,0	2000
034560232	5,0	1,8	3,00 x 2,0	500	45	4,0	2200
034560233	5,0	1,8	3,50 x 2,0	500	45	4,0	2350
034560234	5,0	1,8	3,50 x 2,4	500	45	4,0	2450
034560235	7,0	1,5	2,50 x 1,5	550	45	4,0	1850
034560236	7,0	1,5	2,50 x 2,0	550	45	4,0	2000
034560237	7,0	1,8	3,00 x 1,5	600	55	4,0	2150
034560238	7,0	1,8	3,00 x 2,0	600	55	4,0	2300
034560239	7,0	1,8	3,50 x 2,0	600	55	4,0	2450

HTA-T PROLINE lifting table for industrial plants

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034563001	2,0	1,0	3,50 x 1,0	300	24	1,5	2300
034563002	2,0	1,6	5,00 x 1,0	400	37	2,2	2700
034563003	4,0	1,0	3,00 x 1,0	360	29	2,2	2600
034563004	4,0	1,6	5,00 x 1,0	400	31	3,0	3000
034563005	6,0	1,6	5,00 x 1,0	400	40	4,0	3500
034563006	6,0	1,6	5,00 x 2,0	400	40	4,0	4000
034563007	8,0	1,6	5,00 x 1,6	400	40	4,0	4600
034563008	10,0	1,6	6,50 x 1,5	450	45	5,5	5700

HTA-D PROLINE lifting table for industrial plants

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034564007	1,0	1,5	1,25 x 0,8	350	30	1,1	480
034564008	1,0	1,8	1,50 x 0,8	400	36	1,1	580
034564009	2,0	1,5	1,25 x 0,8	400	30	2,2	490
034564010	2,0	1,8	1,50 x 0,8	450	36	2,2	600
034564011	3,0	1,5	1,25 x 0,8	450	35	2,2	520
034564012	3,0	1,8	1,50 x 0,8	450	40	2,2	650



Lifting Tables

PROLINE Lifting Tables for Loading Processes

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This robust equipment for the goods-handling industry is so tough that you can even drive a truck over it. This unit is the ideal firm and safe solution whenever extra convenience is required during effort-saving loading or unloading.



silberblau CLOSEUP HTV-X PROLINE up to 5t

This space-saving hydraulic loading platform is especially designed for pit installations. Its platform will be level to the ground and is made of rigid, curved stud plate 8 mm thickness. Thus lifting of even heavy loads within loading bays is possible without taking up excessive space. Platform dimensions are carefully designed to allow direct pallet truck access from loading bay to the truck. The cantilever chassis is supplied as standard, avoiding the need for cost and time consuming underpouring after installation. In fact, a whole range of features is included to ensure a long service life: reduced peaks of pressure, cylinder with sealed plunger system, the cylinder and scissor bearings can be lubricated, and the list goes on...

Make your decision for for long-term use of the robust HTV-X PROLINE for lifting capacities of up to 5 tons.



Informationen on optional accessories, please see page 51



PROLINE Lifting Tables for Loading Processes

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The highlights of our lifting tables for loading processes

Our offer

- Same cylinder force at start and end position of the platform provides nearly constant lifting speed over the total lift
- None or only low pressure peaks prevent the seal, valve and pump elements against wear.
- Low elasticity/resilience
- Hydraulic cylinder with sealed plunger system
- No corrosion problems due to air-intake
- Cylinder and scissor bearings with lubrication possibility
- Lubricant-filled plain spherical roller bearings
- Ballbearing rollers with permanent lubrication
- The adjustable upper stroke limit switch is protected by being installed under the platform
- The electrical system and integrated control elements are always accessible from the outside
- Corresponds to all relevant safety regulations (e.g. German UVV standards)

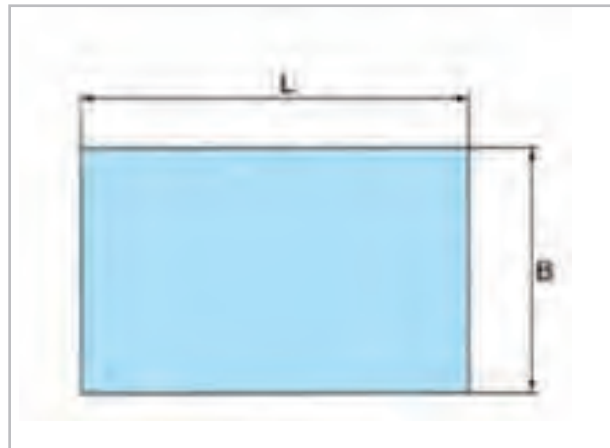
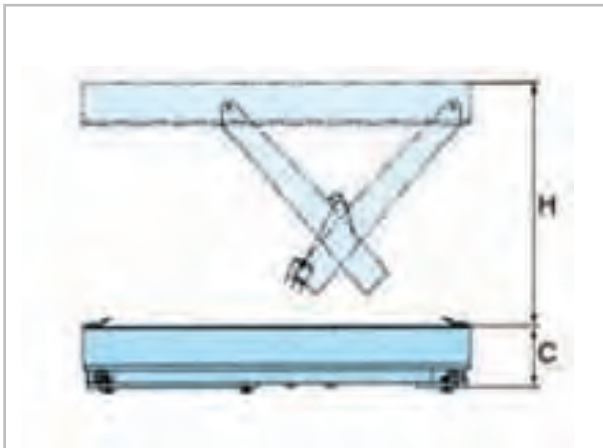
Please ask for further options, such as higher lifting capacity or alternative platform sizes!

Your advantage

High level of handling performance

Long service life

High level of safety



HTV-X PROLINE lifting tables for loading processes

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034560050	2,0	1,6	2,50 x 1,6	400	24	3	1735
034560051	2,0	1,6	3,00 x 2,0	400	24	3	2090
034560060	3,0	1,6	2,50 x 1,6	400	24	3	1770
034560061	3,0	1,6	3,00 x 2,0	400	24	3	2130
034560070	4,0	1,6	2,50 x 1,6	400	36	3	1820
034560071	4,0	1,6	3,00 x 2,0	400	36	3	2190
034560080	5,0	1,6	2,50 x 1,6	400	36	3	1860
034560081	5,0	1,6	3,00 x 2,0	400	36	3	2250



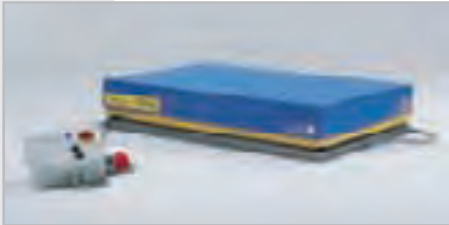
Lifting Tables

PROLINE Standard Lifting Tables

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For further details of optional accessories please see page 51



Universal hydraulic lifting tables for the lifting of heavy machines or machinery parts. Space-saving pit installation along with extreme robustness, thanks to the use of wear resistant components.

silberblau / **LONGLIFE**

HTS-X PROLINE up to 2t

Standard lifting table with robust platform made of rigid, curved stud plates (either 6 mm thick/up to 500 kg capacity or 8 mm thick/over 500 kg capacity). Designed for the effort-saving lifting of heavyweight machinery with the long-term view in mind. Numerous superior technical features ensure both a high level of efficiency and a considerably longer service life. For example, the scissors bearings with lubricating possibility, which are extremely robust thanks to

their hardened, manganese phosphate/molykote-treated bearing surfaces. Plus items as the ball bearing rollers with permanent lubrication and reinforced, hardened running surfaces. This, and much more is provided in addition to a maximum lifting capacity of 2 metric tons. All this is standard at Pfaff-silberblau, and along with our short delivery times this is the key of our success. We will be pleased to inform you on further details.



PROLINE Standard Lifting Tables

The highlights of our standard lifting tables

Our offer

- Low resilience
- Lifting speed is nearly constant over the entire lift
- Lubricant-filled plain spherical roller bearings ensure a high level of efficiency
- None or only low pressure peaks prevent seal, valve and pump elements from wear
- Hydraulic cylinders with sealed plunger system avoid corrosion problems caused by air-intake
- Cylinder and scissor bearings are possible to lubricate
- Ball bearing rollers with permanent lubrication
- Platform made of rigid curved steel (6 mm thick/up to 500 kg capacity or 8 mm/over 500 kg capacity)
- The adjustable upper stroke limit switch is protected by being fitted under the platform.

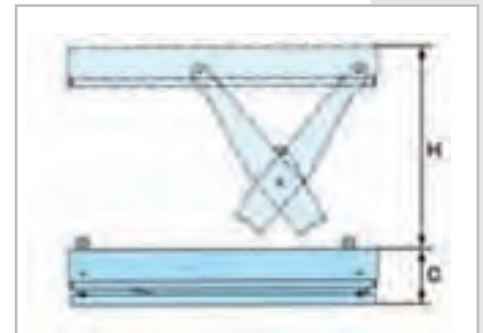
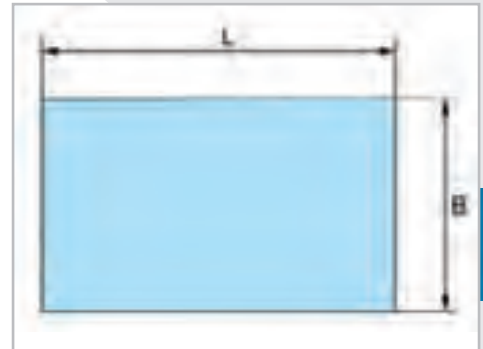
Please ask for further options, such as higher lifting capacity or alternative platform sizes!

Your advantage

High level of handling performance

Long service life

High level of safety



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HTS-X PROLINE standard lifting tables

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Overall size (C) mm	Lifting time s	Motor power kW	Weight kg
034560003	0,5	0,8	1,30 x 0,8	240	13	1,1	353
034560004	0,5	0,8	1,30 x 1,0	240	13	1,1	388
034560006	0,5	1,0	1,50 x 0,8	240	18	1,1	386
034560007	0,5	1,0	1,50 x 1,0	240	18	1,1	432
034560008	0,5	1,3	2,00 x 0,8	280	22	1,1	440
034560009	0,5	1,3	2,00 x 1,0	280	22	1,1	554
034560013	1,0	0,8	1,30 x 0,8	240	13	1,1	353
034560014	1,0	0,8	1,30 x 1,0	240	13	1,1	395
034560016	1,0	1,0	1,50 x 0,8	240	18	1,1	390
034560017	1,0	1,0	1,50 x 1,0	240	18	1,1	430
034560020	1,0	1,3	2,00 x 0,8	280	22	1,1	530
034560021	1,0	1,3	2,00 x 1,0	280	22	1,1	553
034560023	2,0	0,8	1,30 x 0,8	240	26	1,1	399
034560024	2,0	0,8	1,30 x 1,0	240	26	1,1	443
034560025	2,0	1,0	1,50 x 0,8	240	35	1,1	443
034560026	2,0	1,0	1,50 x 1,0	240	35	1,1	515
034560028	2,0	1,0	1,50 x 1,4	240	35	1,1	646
034560029	2,0	1,3	2,00 x 0,8	280	44	1,1	580
034560030	2,0	1,3	2,00 x 1,0	280	44	1,1	643
034560031	2,0	1,3	2,00 x 1,4	280	44	1,1	830



Lifting Tables

PROLINE & SILVERLINE Low Height Scissors Lifting Tables

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When the effort-saving lifting of heavy-weight loads is the top requirement, the equipment needed is this extremely low design lifting table with its practical approach ramp that allows goods to roll conveniently right onto the platform.



silberblau **DRIVEUP**
HTF-XG PROLINE up to 1,5t

This extremely low design low height scissor lifting table with closed platform requires no pit installation, this saves you a lot of work. The reason is a 800 mm long roll-on ramp, which allows fully-laden pallet lifters - or transport vehicles - to be moved or driven right onto the platform's smooth steel plate. Yet

another useful feature is the rigid base plate on which the scissor-mechanism is mounted. This helps to protect the floor surface and the running rollers, while ensuring jolt-free lifting and providing improved stability. These practical advantages are available as standard in the whole varied range of configurations, with lifting capacities of up to 1,5 metric tons. This lifting table not only leaves no wishes unfulfilled in terms of specifications but also corresponds to all relevant safety standards (e.g. German strict UVV rules).



PROLINE & SILVERLINE Low Height Scissors Lifting Tables

The highlights of our low height scissor lifting table

Our offer

- The extremely low-profile design eliminates the cost and effort of installing in a pit
- The practical levelling wedge permits the platform to be approached with a pallet truck or transporter
- Enclosed platform
- The floor plate is gentle on materials and provides for jolt-free lifting and greater stability
- Precise guidance of loads
- Highly efficient
- Safe and reliable to operate
- Integrated pressure control valve for protection against overloading
- Complies with all valid German UVV safety standards

Further options, e.g. higher lifting capacity and alternative platform sizes available on request!

Your advantage

High utility value

High functionality

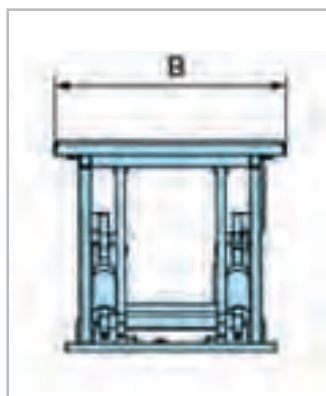
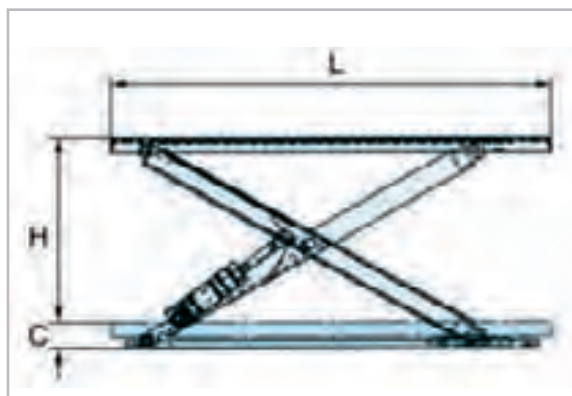
High standard of safety



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Information about optional accessories available on request



Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034582031	0,5	0,78	1,40 x 0,8	82	12	0,75	210
034582032	0,5	0,78	1,40 x 1,0	82	12	0,75	220
034582033	0,5	0,78	1,60 x 0,8	82	12	0,75	216
034582034	0,5	0,78	1,60 x 1,0	82	12	0,75	229
034582035	1,0	0,78	1,40 x 0,8	82	18	0,75	238
034582036	1,0	0,78	1,40 x 1,0	82	18	0,75	250
034582037	1,0	0,78	1,60 x 0,8	82	18	0,75	245
034582038	1,0	0,78	1,60 x 1,0	82	18	0,75	258
034582039	1,5	0,75	1,55 x 0,8	92	20	1,1	260
034582040	1,5	0,75	1,55 x 1,0	92	20	1,1	290
034582041	1,5	0,75	1,70 x 0,8	92	20	1,1	270
034582042	1,5	0,75	1,70 x 1,0	92	20	1,1	300



Lifting Tables

SILVERLINE Low Height Scissors Lifting Tables

3



The highlights of our low height scissor lifting table

Our offer

- The ultra-low-profile design eliminates the cost and effort of installing in a pit
- The E-shape and U-shape openings permit convenient loading and loading with a pallet truck
- Ergonomic workstation organization
- Baseframe is gentle on materials and provides for jolt-free lifting and greater stability
- Precision guidance of loads
- Highly efficient
- Safe and reliable to operate
- Integrated pressure control valve for protection against overloading
- Complies with all valid German UUV safety standards

Your advantage

High utility value

High functionality

High standard of safety

When the lifting of loads has to be made as effortless as possible, then you need an ultra-low-profile lifting table in an E-shape or U-shape.





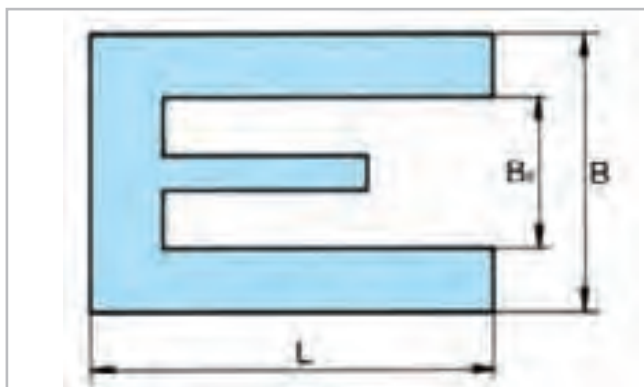
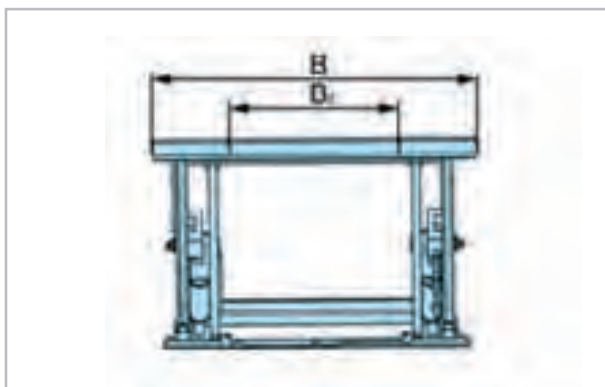
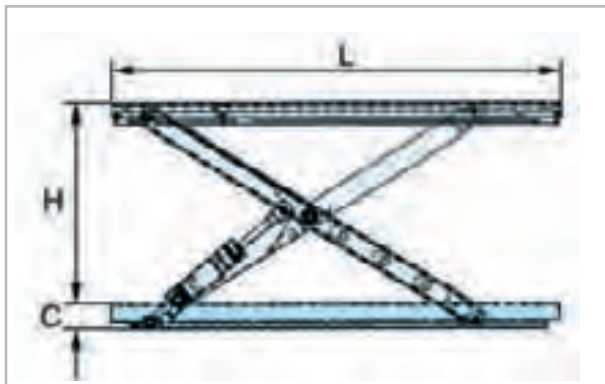
SILVERLINE Low Height Scissors Lifting Tables

silberblau E-TYPE

HTF-XE SILVERLINE for max. 1,5 t

Openings give you have a whole host of practical advantages for everyday work with heavy goods. With the rugged SILVERLINE low height scissor lifting table in an E-shape the smooth steel platform can be loaded with a pallet truck and the pallets then lifted to the required working height without physical strain. The ultra-low-profile design cuts out the cost and effort of installing in a pit. At the same time, it goes without saying that nothing is spared when it comes to the standard Pfaff-silberblau features. For example, overload protection and the baseframe are included as standard. You really should not expect less from a well-conceived solution these days. And you certainly should not have to pay more for it either.

3



HTF-XE SILVERLINE low height scissor lifting table

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Platform (B.) clearance mm	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034583008	1,0	0,78	1,42 x 1,14	585	80	18	0,75	242
034583009	1,5	0,75	1,55 x 1,16	585	92	20	1,1	298



Lifting Tables

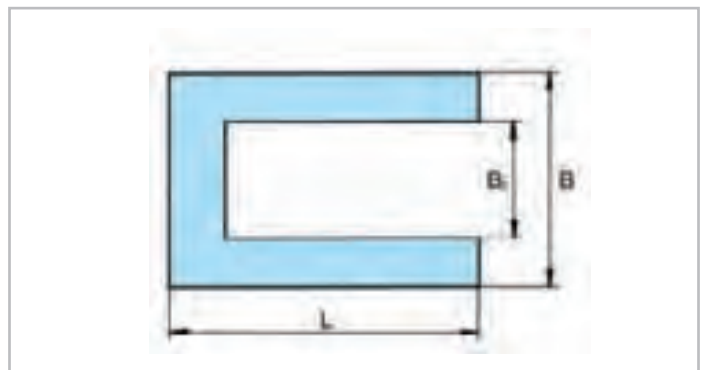
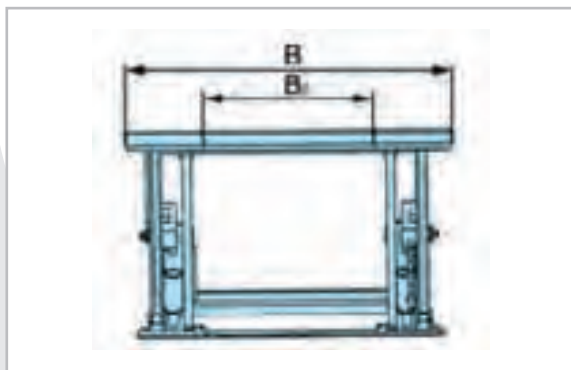
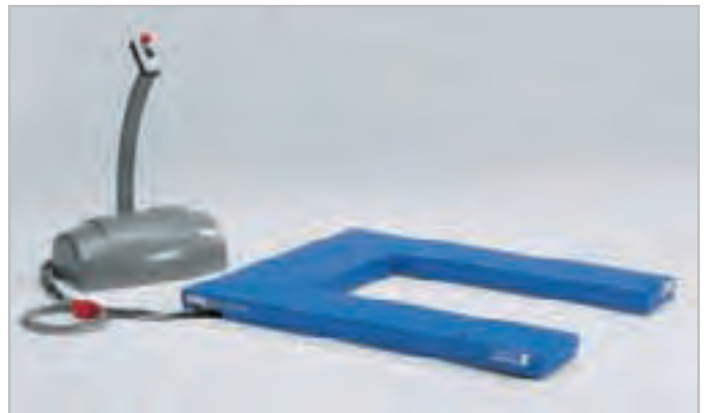
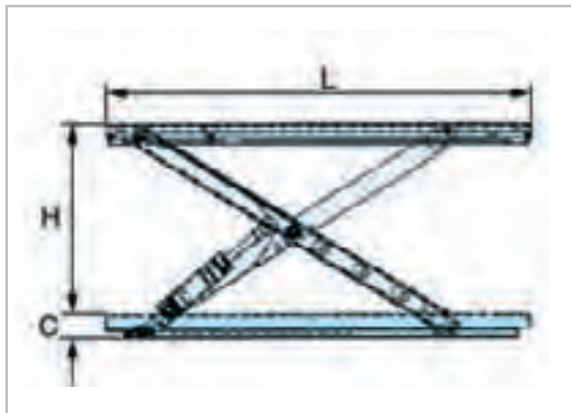
SILVERLINE Low Height Scissors Lifting Tables

silberblau U-TYPE

HTF-XU SILVERLINE for max. 1,5 t

The days when no one had heard of ergonomic workstation organization are long gone and in this connection form has to follow function. Here our heavy-duty SILVERLINE low profile scissor lifting table in a U-shape is highly valued for a diversity of reasons. For example, it enables you to lift heavy pallets and mesh boxes with ease. But that is not all, as it comes with an integrated pressure control valve for extra safety as standard. And for more convenience it has a baseframe beneath the scissors. This protects both the floor and the rollers while providing for jolt-free lifting and greater stability at the same time. And because of its ultra-low-profile design we also keep the price down for you as well.

3



HTF-XU SILVERLINE low height scissor lifting table

Art. No.	Lifting capacity t	Lift (H) m	Platform (L x B) m	Platform (B-) clearance mm	Overall height (C) mm	Lifting time s	Motor power kW	Weight kg
034583006	1,0	0,78	1,42 x 1,14	585	80	18	0,75	235
034583007	1,5	0,75	1,55 x 1,16	585	92	20	1,1	290