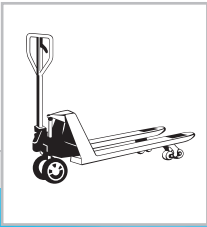


Material Handling Equipment



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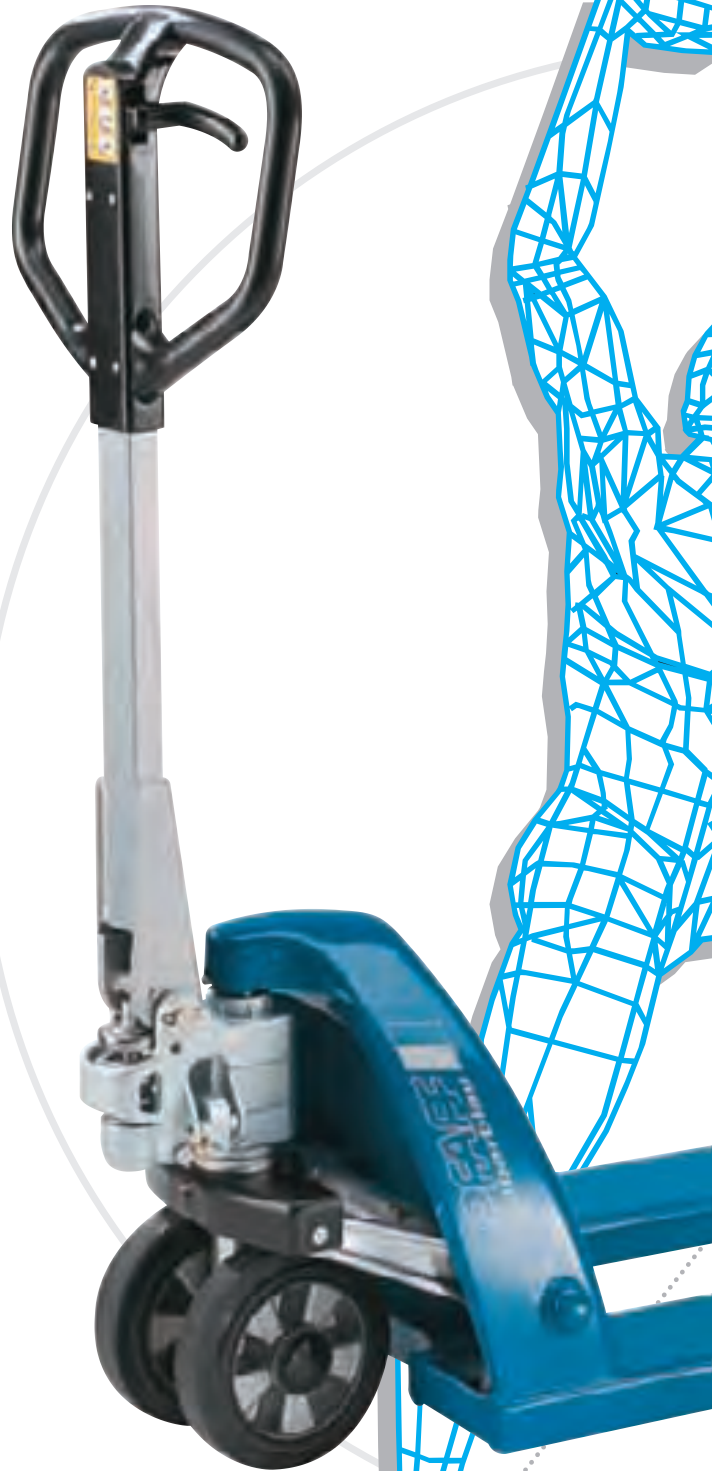


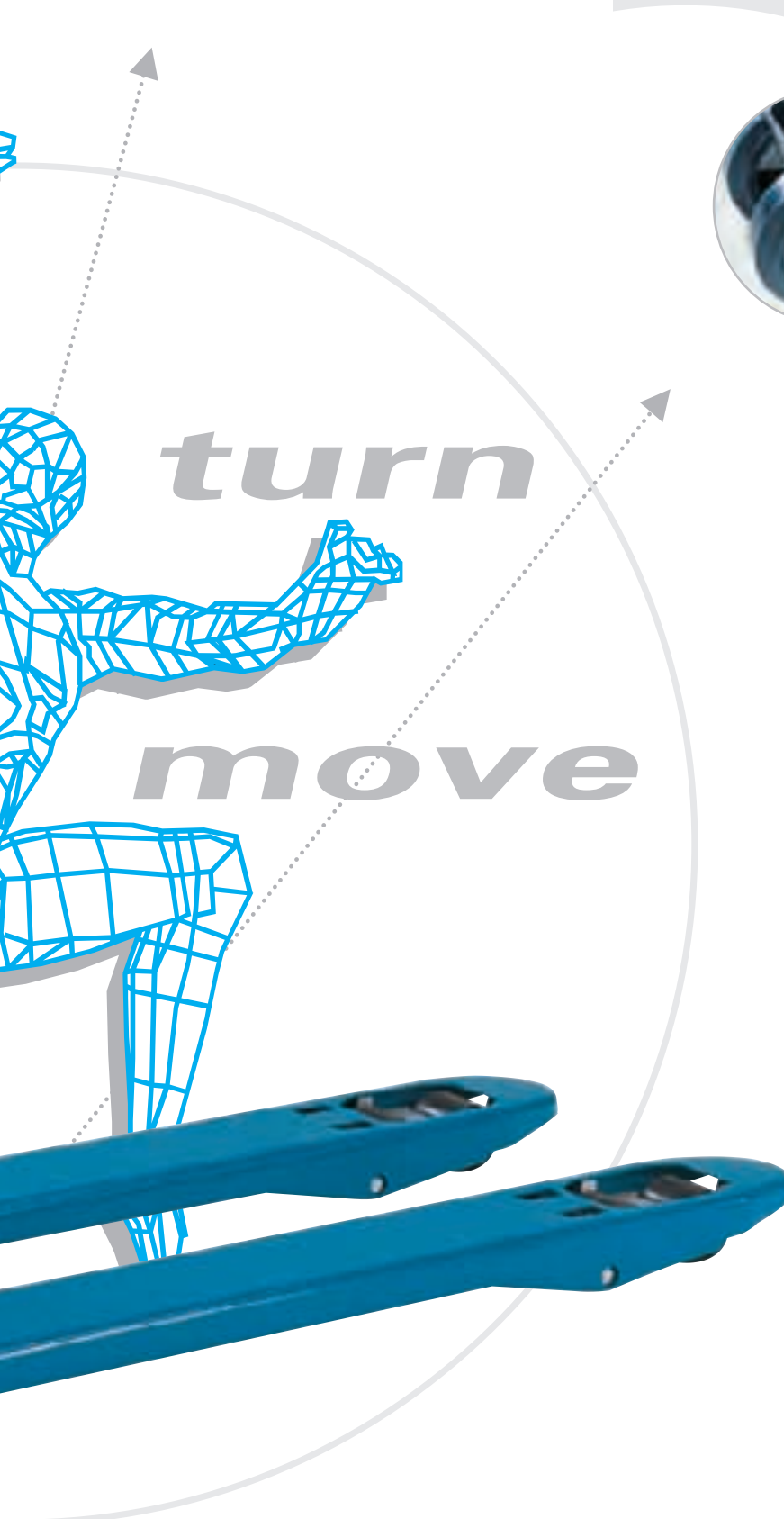


Material Handling Equipment

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lift

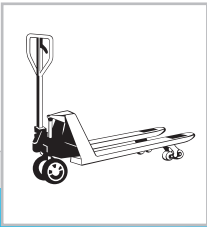




turn

move





Material Handling Equipment

Hand Pallet Trucks



1



Pallet trucks are as diverse as the tasks they are required to fulfill, as compact as requirements dictate and as efficient and long-lasting as you could possibly desire. Moreover, they are ideally suitable for heavy loads of up to 5 tons. All of the pallet truck models are available in customized versions as well so that they can be perfectly tailored to your specific operating environment and amount of use.

Technical highlights

Our technical features

- Smooth and quiet during motion thanks to the use of rubber rollers in combination with nylon or polyurethane fork rollers.
- Easy handling as the handle is released from the hydraulic system to the neutral position.
- Precisely adjustable pressure control valve to prevent damage from overloading.
- One-hand control for controlling all functions such as lifting, transporting and lowering.
- Ergonomic handlebar.
- Specially hardened axles, maintenance-free bearings and hard chrome-plated piston rods.
- Precision lowering valve to enable you to adjust the lowering speed to your requirements.

Your advantage

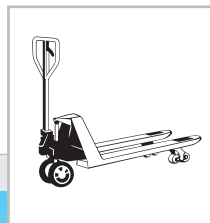
High level of handling performance

High level of safety

Fatigue-proof

Long lasting

Highly functional

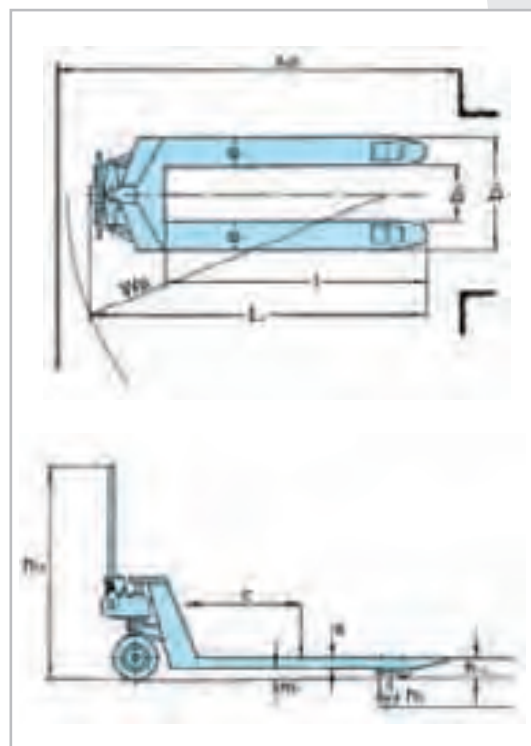


MOTION 26 TMT Hand Pallet Truck

Where form so perfectly follows function this is the sign of the innovative power of Pfaff-silberblau. This forward-looking generation of pallet trucks is even better than its predecessor in terms of loading capability and a whole range of qualitative details. For example, with its high-performance hydraulic pump the MOTION 26 pallet truck can lift loads of up to 2600 kg with ease. Other outstanding features include the further developed chassis in high quality steel and the heavily profiled forks with adjustable push-rods. The MOTION 26 offers the perfect combination of safety and convenience thanks to its ultra-sturdy handle, the ergonomic plastic handlebar and use of high quality rubber and polyurethane material. Specially treated moving parts ensure that the truck is easy to move and steer with minimal physical effort. The finishing touch is provided by the virtually indestructible tandem rollers, made of polyurethane as standard.

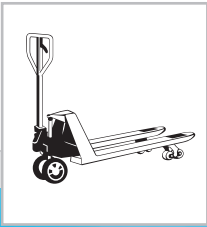


Parking brake option available at an extra charge.



Type		HU 26-115 TMT	HU 26-115 TMT
Art. No.		040009215	040009873
Lifting capacity in t		2,6	2,6
Steering-/load wheels*		SR/PUR	PUR/PUR
Wheel size front in mm		200x50	200x50
Load wheel size rear in mm		84x70	84x70
Number of wheels front/rear		2/4	2/4
Lifting height in mm	h_3	115	115
Load center in mm	c	600	600
Height of steering handle in mm	h_{14}	1200	1200
Height when lowered in mm	h_{13}	85	85
Total length in mm	L_1	1535	1535
Fork length in mm	l	1150	1150
Fork width in mm	e	160	160
Fork height in mm	s	45	45
Carrying fork width in mm	b_1	540	540
Clear width in mm	b_3	220	220
Floor/ground clearance in mm	m_1	40	40
Aisle width for euro pallets in mm	A_{st}	1815	1815
Turning radius in mm	W_a	1330	1330
Weight in kg		86	86

* Solid rubber (SR), Polyamide (PA), Polyurethane (PUR)



Material Handling Equipment

Hand Pallet Trucks

1

SILVERLINE HU 25-115 TS

For first-class movement – with an extremely comfortable and ergonomic handle design which can be turned on 210° to left and right side. This "first-class-truck" is due to its high-quality epoxy coating, load capacity of up to 2500 kg and its excellent price/performance ratio. The HU 25-115 TS corresponds to the highest demands concerning exceptionally robust construction and efficiency.

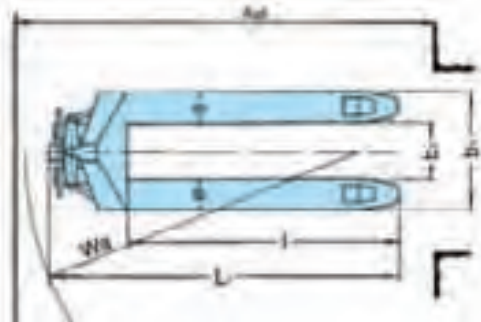
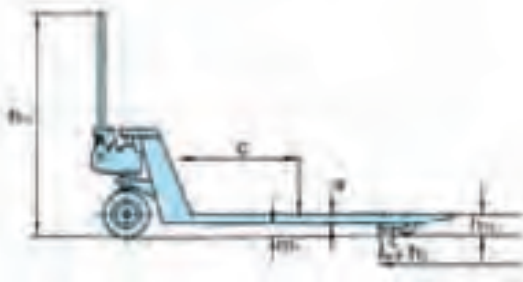
- Standard forks: 540 mm width, 1150 mm long



Parking brake option available at an extra charge.



Type HU 25-115 TS/25-115 ES



Type		HU 25-115 TS 034527100	HU 25-115 TS 034527101	HU 25-115 TS 034527108	HU 25-115 ES 034527106
Lifting capacity in t		2,5	2,5	2,5	2,5
Steering-/load wheels*		VG/PA	VG/PUR	PUR/PUR	VG/PUR
Wheel size front in mm		200x50	200x50	200x50	200x50
Load wheel size rear in mm		82x70	82x70	82x70	82x93
Number of wheels front/rear		2/4	2/4	2/4	2/2
Lifting height in mm	h_3	115	115	115	115
Load center in mm	c	600	600	600	600
Height of steering handle in mm	h_{14}	1200	1200	1200	1200
Height when lowered in mm	h_{13}	85	85	85	85
Total length in mm	L_1	1535	1535	1535	1535
Fork length in mm	l	1150	1150	1150	1150
Fork width in mm	e	160	160	160	160
Fork height in mm	s	45	45	45	45
Carrying fork width in mm	b_1	540	540	540	540
Clear width in mm	b_3	220	220	220	220
Floor/ground clearance in mm	m_1	40	40	40	40
Aisle width for euro pallets in mm	A_{st}	1815	1815	1815	1815
Turning radius in mm	W_a	1330	1330	1330	1330
Weight in kg		75	79	79	84

* Solid rubber (SR), Polyamide (PA), Polyurethane (PUR)



Hand Pallet Trucks

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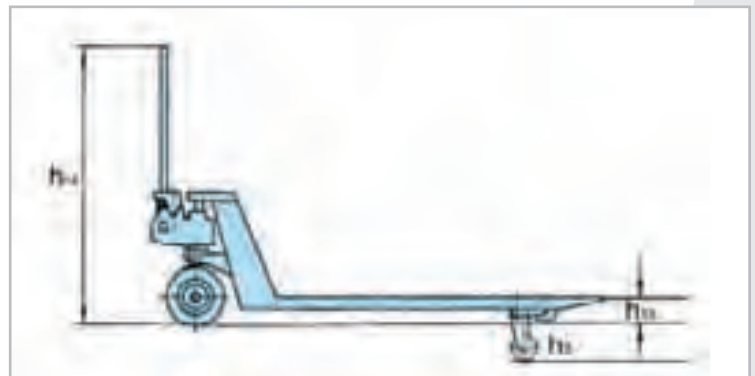
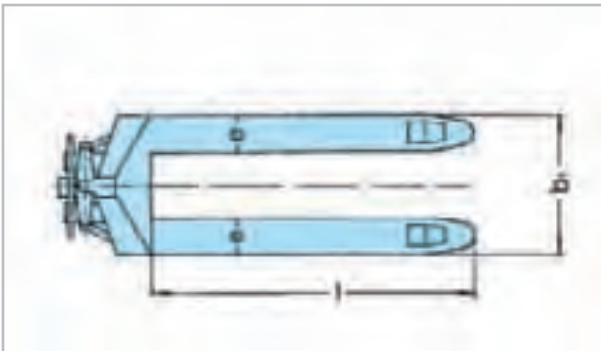
SILVERLINE with a wider loading width

The standard pallet truck with a wider loading width for transporting special wide pallets such as those used in brickworks. The perfectly coordinated technical components of the one-hand control system give you total freedom of movement. Using the convenient operating lever on the handle you can execute all three functions of lifting, transporting and lowering quickly and easily.

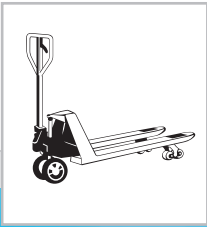
For maximum safety the pallet comes not only with rubber steering rollers and polyurethane tandem fork rollers with ball-bearings but an integrated pressure control valve.



Parking brake option available at an extra charge.



Type		HU 20-115 BTS
Art. No.		034527132
Lifting capacity in t		2,0
Fork length in mm	l	1150
Carrying fork width in mm	b ₁	850
Fork width in mm	e	160
Height when lowered in mm	h ₁₃	85
Lifting height in mm	h ₃	115
Height of steering handle in mm	h ₁₄	1200
Wheel size front in mm		200x50
Load wheel size rear in mm		82x70
Weight in kg		86



Material Handling Equipment

Hand Pallet Trucks

1



GALINOX
HU 25-115 GAL



INOX 316
HU 20-115 VATP

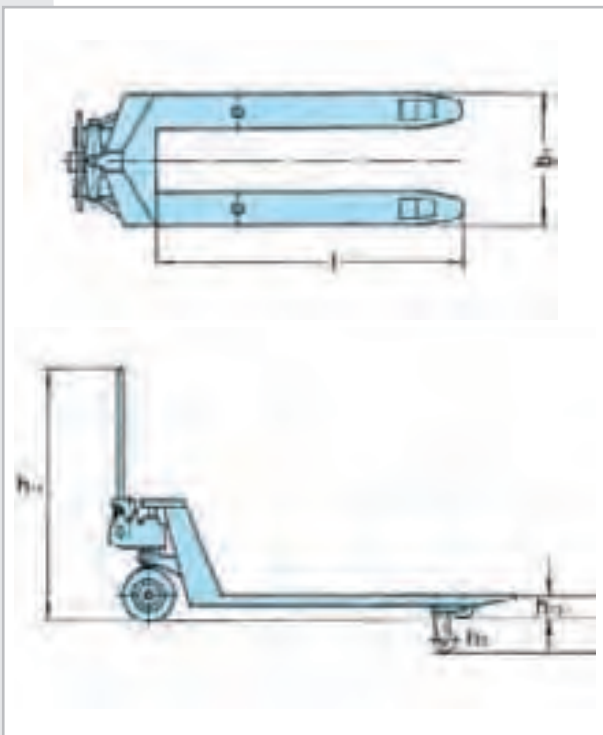
PROLINE stainless steel and galvanized steel

INOX 316:

Wherever compliance with hygiene regulations is a must (e.g. in areas of the food industry), the INOX 316 is the solution. This high quality pallet truck offers outstanding performance even for loads of 2000 kg. All key parts (handle, chassis, push-rods and torsion-tube and pump housing) are made of high quality V4A-316 stainless steel and are virtually indestructible. The steering wheels and tandem load rollers are made of special high-strength polyamide.

GALINOX:

A material combination of stainless and galvanisation - Its speciality is to offer consumers a high level of protection against corrosion. Its frame is hot galvanized at 452 °C with a thickness reaching 100 micro. Pumpbody and handle are cold galvanized, steering wheels and tandem load wheels are made of high quality polyamid and all bearings and axles are stainless steel.



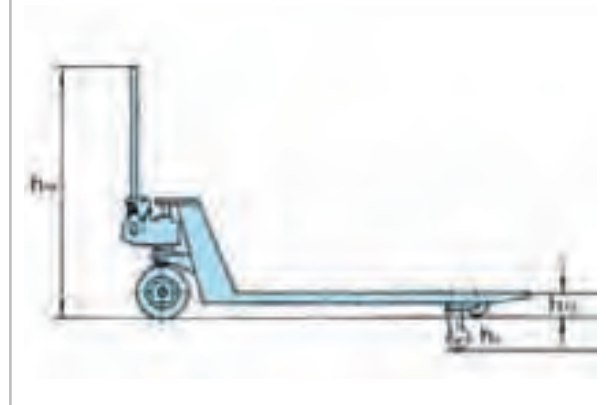
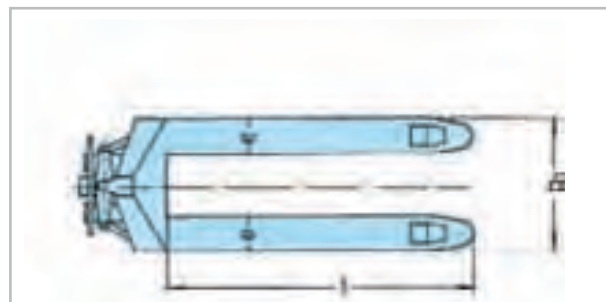
Type		HU 20-115 VATP	HU 25-115 GAL
Art. No.		040005740	034527170
Lifting capacity in t		2,0	2,5
Fork length in mm	l	1150	1150
Carrying fork width in mm	b ₁	540	540
Fork width in mm	e	160	160
Height when lowered in mm	h ₁₃	85	85
Lifting height in mm	h ₃	115	115
Height of steering handle in mm	h ₁₄	1200	1200
Wheel size front in mm		200x50	200x50
Load wheel size rear in mm		82x70	82x70
Weight in kg		86	86



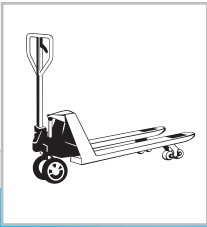
PROLINE with service and parking brake

Suitable for use on inclines and approach ramps where the pallet truck must be immediately brought to a safe standstill before the load becomes a danger! In order to meet these high demands, the standard-type of our PROLINE is equipped with an efficient brake which is integrated into special aluminium wheel hub. This brake works like the standard drum brake on your car: control is progressively activated by pulling the brake lever mounted on the steering handle. The chassis is equipped with steering wheels made of rubber and has tandem load wheels made of polyurethane.

Optionally available with parking brake only.



Type		HU 25-115 FBTP
Art. No.		034527135
Lifting capacity in t		2,5
Fork length in mm	l	1150
Carrying fork width in mm	b ₁	540
Fork width in mm	e	160
Height when lowered in mm	h ₁₃	85
Lifting height in mm	h ₃	115
Height of steering handle in mm	h ₁₄	1200
Wheel size front in mm		200x50
Load wheel size rear in mm		82x70
Weight in kg		86



Material Handling Equipment

Hand Pallet Trucks

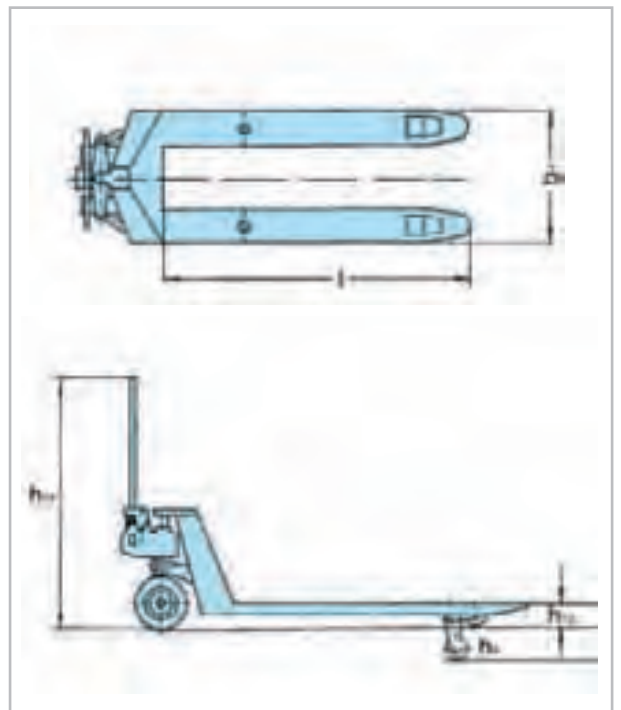
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Parking brake option available at an extra charge.

PROLINE with quick lift

Wherever saving time during lifting and transporting loads means saving money you can rely on our PROLINE with quick lift. In contrast with standard pallet trucks, the quick lift reaches 200 mm fork height with only 4 handle strokes – and a pallet can be lifted and transported with only 2 strokes. When the load is heavier than 200 kg the quick lift is automatically cut off – lifting is then performed in the traditional, effort-saving way. The truck is fitted as standard with steering wheels made of steel and polyurethane tandem load wheels.



Type		HU 20-115 QLTP
Art. No.		034527125
Lifting capacity in t		2,0
Fork length in mm	l	1150
Carrying fork width in mm	b ₁	540
Fork width in mm	e	160
Height when lowered in mm	h ₁₃	85
Lifting height in mm	h ₃	115
Height of steering handle in mm	h ₁₄	1200
Wheel size front in mm		200x50
Load wheel size rear in mm		82x70
Weight in kg		86

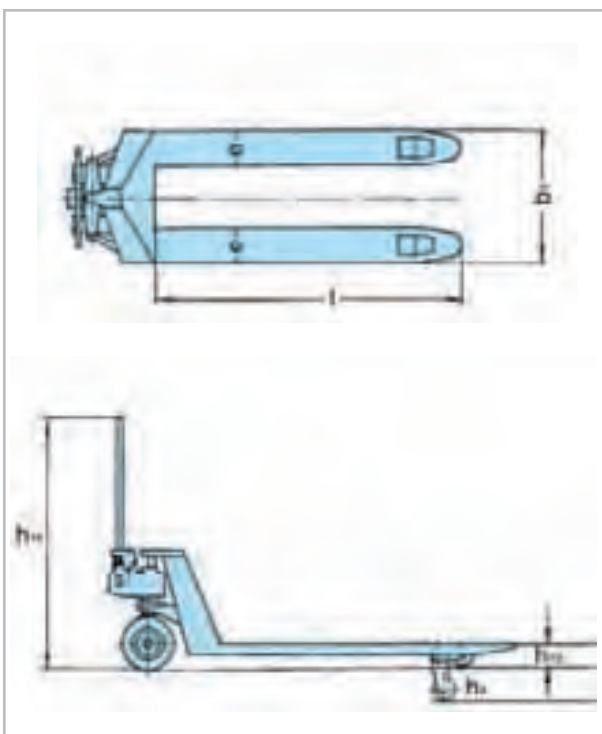


Hand Pallet Trucks

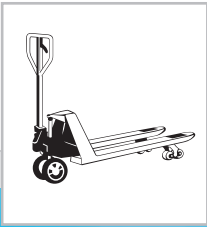
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PROLINE with low height forks

Of especially low-profile design, this low pallet truck requires only minimal space when being moved up to very flat pallets. This highly maneuverable standard pallet truck is available in a tandem version with convenient fork rollers made of polyamide and steering rollers made of polyurethane. Notable among its many outstanding features are, firstly, its suitability for use on sensitive floor coverings and, secondly, its quietness when moving.



Type		HU 15-115 FTP
Art. No.		034527124
Lifting capacity in t		1,5
Fork length in mm	l	1150
Carrying fork width in mm	b ₁	540
Fork width in mm	e	160
Height when lowered in mm	h ₁₃	51
Lifting height in mm	h ₃	115
Height of steering handle in mm	h ₁₄	1200
Wheel size front in mm		180x50
Load wheel size rear in mm		50x70
Weight in kg		84



Material Handling Equipment

Hand Pallet Trucks

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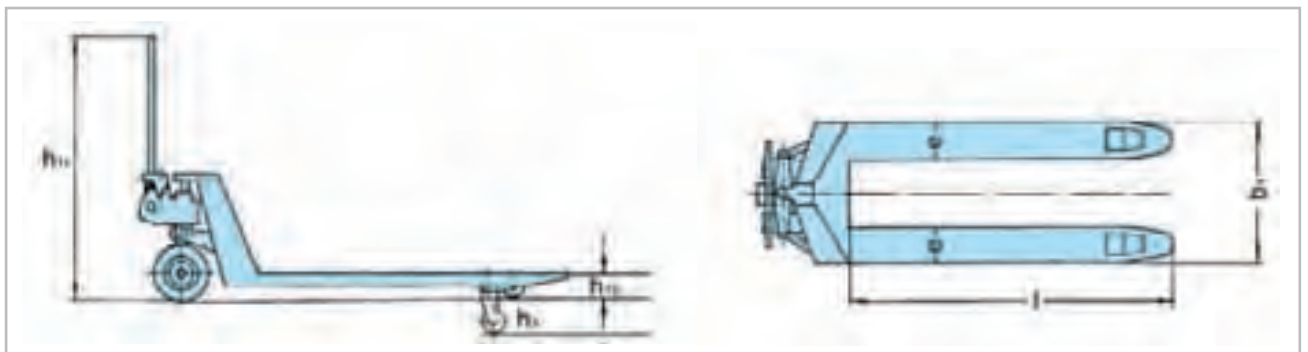


Parking brake option available at an extra charge.



PROLINE with short forks

The perfect ratio between fork length, maneuverability and lifting capacity. Even the smallest shunting place is enough for the "short fork" model to position pallets, for example on a truck. The short pallet truck can optionally be delivered with 800, 900 or 1000 mm forks with either single or tandem load wheels. Depending on wheel layout up to 2,5 tons can effortlessly be moved, while operating within an extremely tight turning radius. This pallet truck is equipped with steering wheels made of rubber and load wheels made of polyurethane.



Type		HU 25-80 EP	HU 25-90 EP	HU 25-100 EP	HU 25-80 TP	HU 25-90 TP
Art. No.		034527150	034527151	034527152	034527153	034527154
Lifting capacity in t		2,5	2,5	2,5	2,5	2,5
Fork length in mm*	l	800*	900*	1000*	800*	900*
Carrying fork width in mm	b ₁	540	540	540	540	540
Fork width in mm	e	160	160	160	160	160
Height when lowered in mm	h ₁₃	85	85	85	85	85
Lifting height in mm	h ₃	115	115	115	115	115
Height of steering handle in mm	h ₁₄	1200	1200	1200	1200	1200
Wheel size front in mm		200x50	200x50	200x50	200x50	200x50
Load wheel size rear in mm		82x93	82x93	82x93	82x70	82x70
Weight in kg		67	72	77	71	76

* short fork length



Hand Pallet Trucks

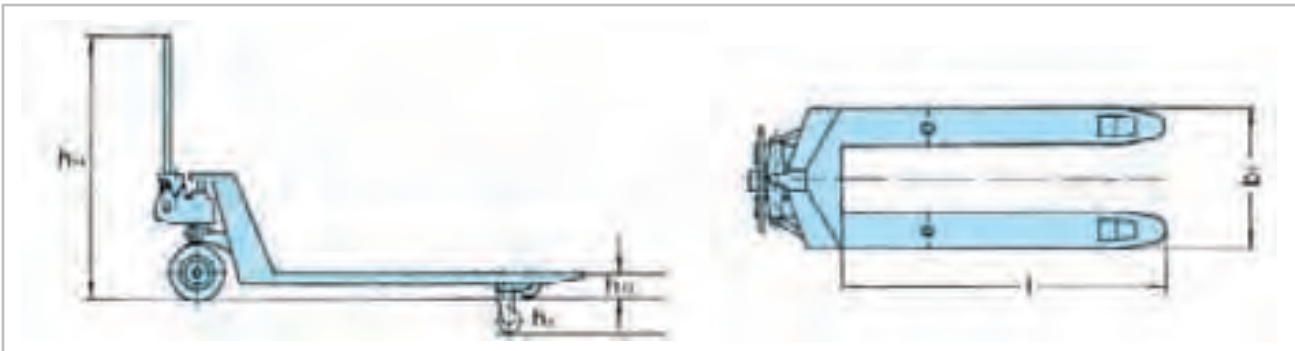
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Parking brake option available at an extra charge.

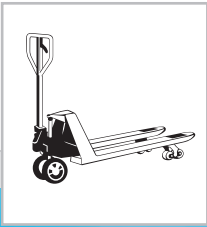
PROLINE with extended forks

With 4 different fork lengths between 1300 and 2000 mm you can use this pallet truck for the widest-possible range of pallet-handling tasks in an optimum way. Using the long forks safe transport of oversized materials like sole plates, two pallets arranged one behind the other, or raw or semi-finished materials is guaranteed. Lifting capacities varies between 1,5 t with 2000 mm-fork up to 2,5 tons with the shorter forks. All variants are supplied as standard with tandem load wheels, as well as steering wheels made of rubber and load wheels made of polyurethane.



Type		HU 25-100 TP	HU 25-130 TP	HU 20-150 TP	HU 15-180 TP	HU 15-200 TP
Art. No.		034527155	034527160	034527161	034527162	034527163
Lifting capacity in t		2,5	2,5	2,0	1,5	1,5
Fork length in mm	l	1000*	1300**	1500**	1800**	2000**
Carrying fork width in mm	b ₁	540	540	540	540	540
Fork width in mm	e	160	160	160	160	160
Height when lowered in mm	h ₁₃	85	85	85	85	85
Lifting height in mm	h ₃	115	115	115	115	115
Height of steering handle in mm	h ₁₄	1200	1200	1200	1200	1200
Wheel size front in mm		200x50	200x50	200x50	200x50	200x50
Load wheel size rear in mm		82x70	82x70	82x70	82x70	82x70
Weight in kg		81	96	106	116	126

* short fork length ** long fork length Other versions available on request!



Material Handling Equipment

Hand Pallet Trucks

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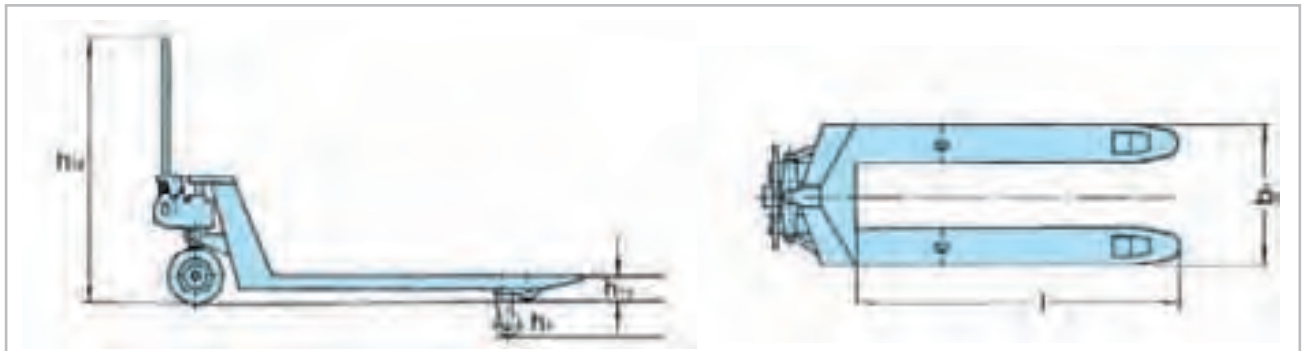
Parking brake option available at an extra charge - only in the 3 t version!



PROLINE for heavy loads

These heavy-duty pallet trucks will meet all your load-carrying requirements up to five tons. They are ideal for transporting heavy items of machinery or palletized goods. Depending on fork lengths the 5,0 t models have different load centers. HU 50-115 TP with a fork length of 1150 mm has been designed for the transport of pallets. Choosing the longer forks with 2000 mm you can also transport heavy items of machinery in a professional and safe way.

The HU 30-115 TP is supplied with steering wheels and tandem fork wheels made of polyurethane as standard, whereas the HU 50 comes with steering rollers and fork rollers of steel.



Type		HU 30-115 TP	HU 50-115 TP	HU 50-200 TP
Art. No.		034527128	034527058	034527056
Lifting capacity in t		3,0	5,0	5,0
Fork length in mm	l	1150	1150	2000
Carrying fork width in mm	b ₁	540	580	700
Fork width in mm	e	160	210	210
Height when lowered in mm	h ₁₃	85	90	105
Lifting height in mm	h ₃	115	110	110
Height of steering handle in mm	h ₁₄	1200	1220	1220
Wheel size front in mm		200x50	200x50	200x50
Load wheel size rear in mm		82x70	80x80	80x80
Weight in kg		95	240	300



SILVERLINE with scales

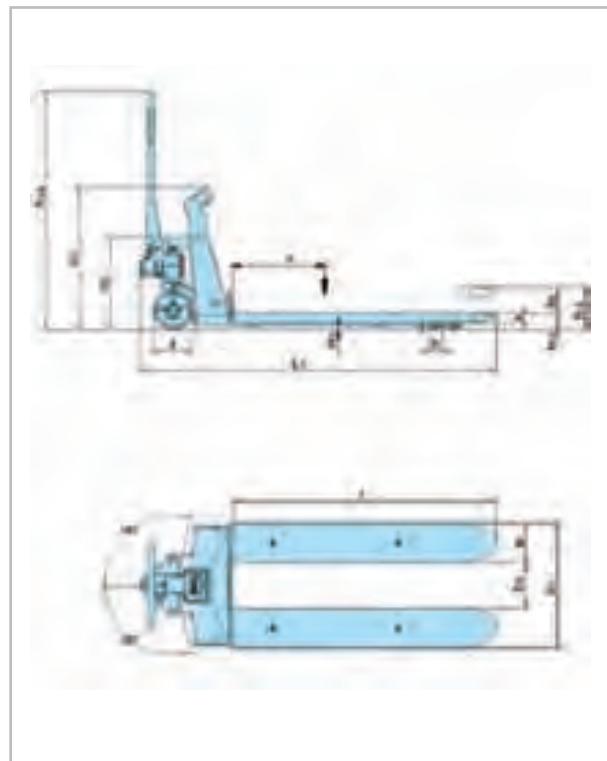
Sometimes knowing the weight is of great importance – for example at stock receipts, commissioning or dispatch. Especially with these metering or filling processes the professional pallet truck with integrated high-tech scale-system saves time and money. These are the points you can rely on:

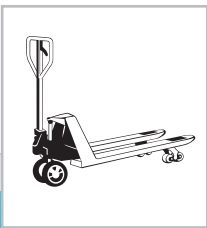
Weighing accuracy $\pm 0,25\%$, very clear and visible scale screen (display: 1 kg steps), and a malfunction indication. The scale is delivered perfectly calibrated including battery and battery charger. And of course it comes with the same qualities of our SILVERLINE pallet trucks that you have come to appreciate.



Type		HU W-20 S
Art. No.		040016431
Lifting capacity in t		2,0
Steering- / load wheels*		PUR/PUR
Steering wheels front in mm	D	$\varnothing 180 \times 50$
Load wheels rear in mm	D ₁	$\varnothing 74 \times 70$
Total no. of steering- / load wheels		2/4
Lift in mm	h ₂	110
Load centre of gravity in mm	c	600
Height of steering handle in mm	h ₁₄	1210
Min. fork height in mm	h ₁₃	85
Lifting height in mm	h ₃	195
Overall length in mm	L ₁	1580
Overall width in mm	b ₁	570
Fork length in mm	l	1150
Fork width in mm	e	180
Fork thickness in mm	s	50
Fork carrying width in mm	b ₁	570
Fork span in mm	b ₃	210
Floor/ground clearance in mm	m ₁	35
Turning radius in mm		1330
Weighing accuracy for max. load (non-calibratable weighing system)		$\pm 0,25\%$
Suitable for ambient temperature		-10°C bis + 40°C
Weight in kg		129

* Polyurethan (PUR)





Material Handling Equipment

High Lift Pallet Trucks

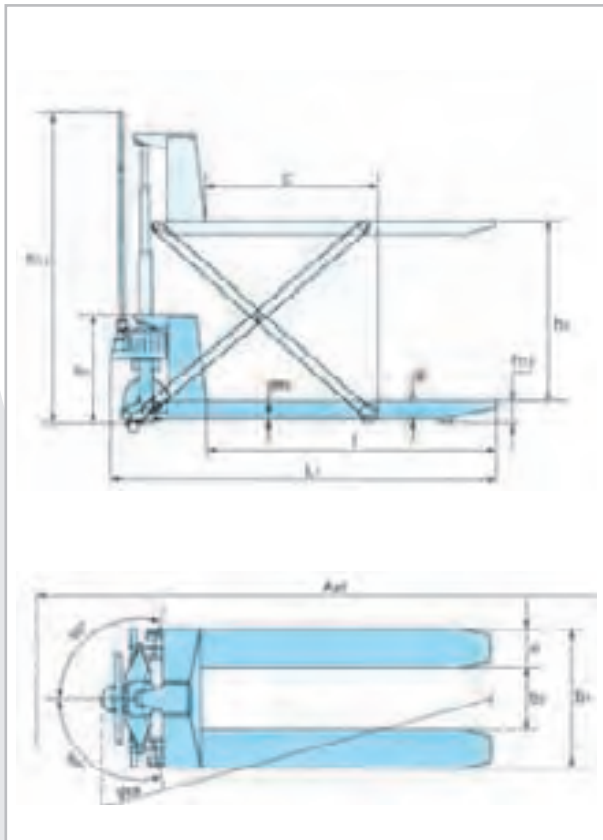
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silberblau HIGH LINE
HU 10-XP

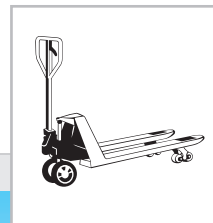
Manual drive and manual lifting

Choosing the HU 10-XP you will get more than just a lifting platform with a 1000 kg lifting capacity for your workshop or production area. The HU 10-XP is designed to be used as a normal hand pallet truck to move palletised loads up to 1000 kg when lifting up 200 mm. With the extremely low apron height of 432 mm the HU 10-XP ensures optimum safety of the load and operator vision at its maximum lift height giving the operator a safe and stable load platform. The quick lift feature of the HU 10-XP warrants minimum operator effort at 23 strokes to the 800 mm lift height.



Type		HU 10-XP
Art. No.		034528120
Lifting capacity in t		1,0
Steering-/load wheels*		PUR/PUR
Wheel size front in mm		200x50
Load wheel size rear in mm		78x60
Number of wheels front/rear		2/2
Lifting height in mm	h_3	715
Load center in mm	c	600
Height of chassis in mm	h_1	432
Height of steering handle in mm	h_{14}	1240
Height when lowered in mm	h_{13}	85
Total length in mm	L_1	1535
Fork length in mm	l	1170
Fork width in mm	e	160
Fork height in mm	s	45
Carrying fork width in mm	b_1	540
Clear width in mm	b_3	220
Floor/Ground clearance in mm	m_1	45
Lift per pump stroke		31/12
Quick lift / normal lift in mm		
Aisle width for euro pallets in mm	Ast	1815
Turning radius in mm	Wa	1330
Weight in kg		127

* Polyurethane (PUR)



High Lift Pallet Trucks

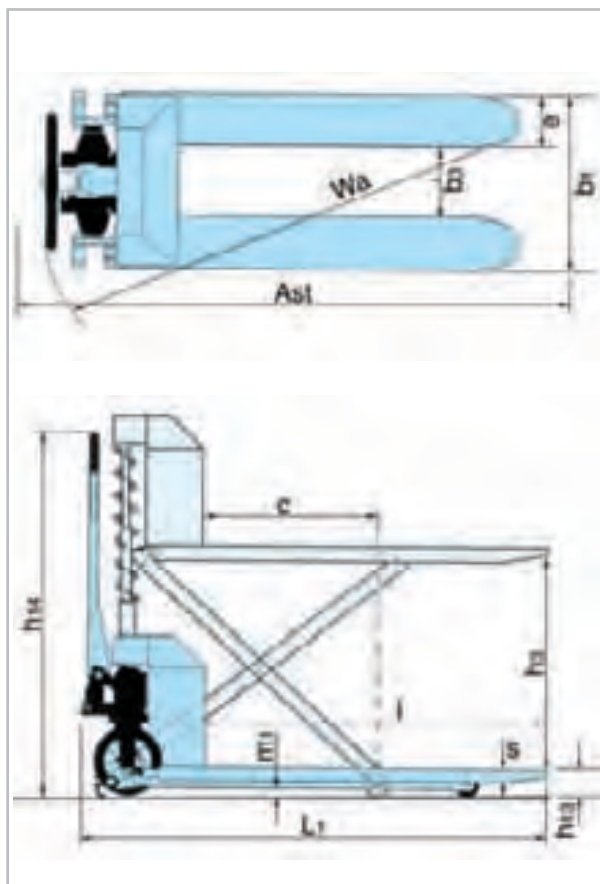
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silberblau HIGH LINE COMFORT HU 10-XE

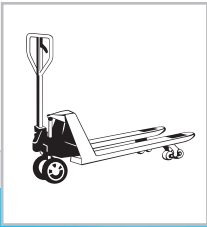
Manual drive and electric lifting

The perfect combination of performance and easy maneuvering, quality and robustness. The high lift pallet truck HU 10-XE complies with highest requirements and demonstrates its first-class performance during applications with loads up to 1 ton and lifting heights up to 800 mm. With its stability distance of 630 mm an outstanding frontal safety. With its oversized 12 V pump and 900 watt, record lifting times are reached. Combined with its "inner strength" the HU 10-XE with its standard 540 mm and a fork length of 1170 mm it can be used as a standard hand pallet truck.



Type		HU 10-XE
Art. No.		040012520
Lifting capacity in t		1,0
Steering-/load wheels*		PUR/PUR
Wheel size front in mm		200x50
Load wheel size rear in mm		78x60
Number of wheels front/rear		2/2
Lifting height in mm	h_3	715
Load center in mm	c	600
Height of steering handle in mm	h_{14}	1240
Height when lowered in mm	h_{13}	85
Total length in mm	L_1	1575
Fork length in mm	l	1170
Fork width in mm	e	160
Fork height in mm	s	45
Carrying fork width in mm	b_1	540
Clear width in mm	b_3	220
Floor/ground clearance in mm	m_1	45
Lifting time loaded/unloaded in sec		18/14
Aisle width for euro pallets in mm	A_{st}	1815
Turning radius in mm	W_a	1330
Weight in kg		172

* Polyurethane (PUR)



Material Handling Equipment

Electric Pallet Trucks

1



EGU 15 P PROLINE

Electrical drive and electrical lifting

Introducing: the new champion of the electric pallet trucks within the class of light and normal duty: Small and compact with exceptional maneuverability, comfortable to drive and steer, completely electronically controlled and with its lifting capacity of 1500 kg it can really take a lot! With a total width of only 780 mm the innovative powerful unit is bursting with energy due to the standard-fitted semi-traction batteries, its driving motor performs 700 watt and the pump motor provides 800 watt.





Electric Pallet Trucks

1

EGU 20 P PROLINE

Electrical drive and electrical lifting

Multi-purpose, economical electric pallet truck for professional lifting tasks up to loads of 2000 kg. A compact short construction, with comfortable speed control and enhanced safety equipment. Tandem load wheels made of polyurethane ensure perfectly smooth running even over delicate floor surfaces. With its compact housing chassis measuring 572 mm you profit from its extremely tight turning radius. Its sensitive steering will give the necessary support when being operated in small areas.

- Battery-powered drive and lifting actuation with 24 V
- Emergency cut-off switch at shaft head
- Supporting wheels on both sides
- Protection against overload due to pressure control valve
- Battery 24 V/160 Ah or 230 Ah



EGU 20 P

EGU 22 P PROLINE

Electrical drive and electrical lifting

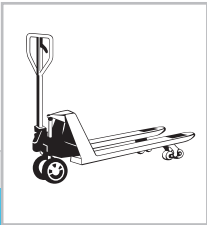
Heavy jobs easily done: our robust electric pallet truck is delivering its best – everyday! Easy handling of loads up to 2200 kg or 3000 kg. Due to the spring operated driving wheel it easily levels up on uneven ground and also can negotiate bay ramps. If required the EGU 22 P is ready for extraordinary performance. Please ask for our special purpose models!



EGU 22 P



Chart and diagram see page 26

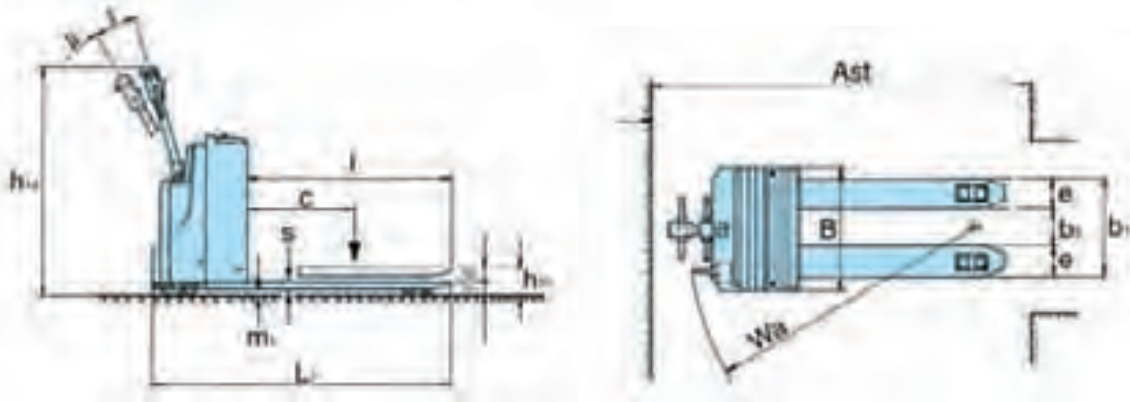


Material Handling Equipment

Electric Pallet Trucks

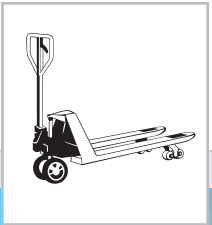
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Type EGU 15 P / EGU 20 P / EGU 22 P



Type		EGU 15 P	EGU 20 P	EGU 22 P
Art. No.		040010023	040005550	034533008
Lifting capacity in t		1,5	2,0	2,2
Steering-/load wheels*		PUR+SR/PUR	PUR+SR/PUR	PUR+SR/PUR
Wheel size front in mm		220x100	250x100	220x100
Supporting wheel in mm		125x40	125x40	150x50
Load wheel size rear in mm		80x80	80x80	80x80
Number of wheels front/rear X=driven		2+1X/4	2+1X/4	2+1X/4
Lifting height in mm	h ₃	115	115	115
Load center in mm	c	600	600	600
Fork height max. in mm	h ₁₅	200	200	200
Fork height min. in mm	h ₁₃	85	85	85
Height of steering handle in mm	h ₁₄	1450	1437	1350
Total length in mm	L ₁	1600	1722	1930
Total width in mm	B	780	750	790
Fork length in mm	l	1150	1150	1150
Fork width in mm	e	180	180	170
Fork height in mm	s	60	60	50
Carrying fork width in mm	b ₁	550	550	550
Clear width in mm	b ₃	190	190	210
Floor/ground clearance in mm	m ₁	25	35	35
Aisle width for euro pallets in mm	Ast	1880	1920	2250
Turning radius in mm	Wa	1460	1560	1760
Drive speed loaded/unloaded in km/h		5/6	5/6	5/6
Lifting speed loaded/unloaded in m/sec		0,04/0,05	0,04/0,05	0,04/0,05
Lowering speed loaded/unloaded in m/sec		0,26/0,06	0,05/0,04	0,05/0,04
Max. gradient loaded/unloaded in %		8/15	8/15	8/15
Operating brake		electromagnetic	electromagnetic	electromagnetic
Drive motor rating in kW		0,7	1,3	1,2
Lift motor rating in kW		0,8	1,2	1,2
Battery according to DIN 43531		semi-traction	PzS	PzS
Battery voltage in V/Ah		2x12/90	24/160	24/160
Type of steering		pulse controlled	pulse controlled	pulse controlled
Battery charger in V/A		24/15	24/30	24/30
Weight in kg without battery		200	250	370

* Solid Rubber (SR), Polyurethane (PUR)



Hydraulic Hand Stackers

silberblau MANULIFT HG 0315, HG 0515

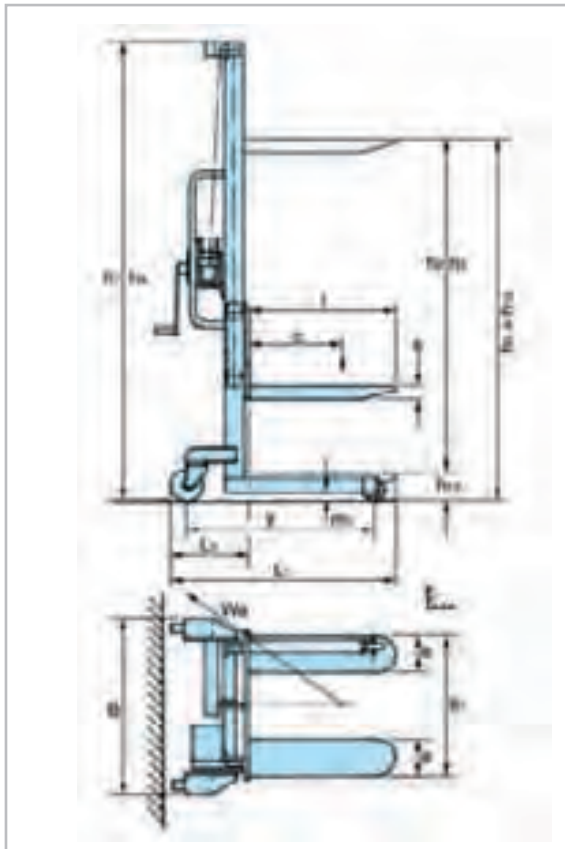
Manual driving, manual lifting

New, precise and maintenance-free – this is how the hand stacker presents itself in everyday use. The subtle difference is in the detail: The MANULIFT comes with a winch for exact positioning of the height. For such a light-weight hand stacker, it provides a lot of lifting power: optionally up to 300 or 500 kg. The safety crank keeps the load secure in all positions. Technical qualifications are met by the simple C-profile mast and the maintenance free pulley and steering rollers with ball bearings. The 600 mm or 900 mm fixed fork lowers itself over the chassis bar.

- Manoeuvrable with two 125 mm Ø steering rollers and two 75 mm nylon rollers, one steering roller has a wheel lock



HG 0315, HG 0515



Type		HG 0315	HG 0515
Art. No.		034518016	034518017
Load capacity in t		0,3	0,5
Steering-/load wheels*		PA/PA	PA/PA
Steering wheels size in mm		125x40	125x40
Load wheel size in mm		75x30	75x30
Number steering-/load wheels		2/2	2/2
Mast collapsed height in mm	h_1	1840	1840
Load center in mm	c	400	600
Free lift in mm	h_2	1410	1410
Piston stroke in mm	h_3	1410	1410
Mast extended height in mm	h_4	1840	1840
Wheelbase in mm	y	850	1050
Raised fork height in mm	h_3+h_{13}	1500	1500
Lowered fork height in mm	h_{13}	90	90
Overall length in mm	L_1	1020	1320
Head-length in mm	L_2	362	362
Overall width in mm	B	710	710
Fork length in mm	l	600	900
Fork width x thickness in mm	$e \times s$	160x50	160x50
Fork carriage width in mm	b_1	580	580
Ground clearance in mm	m_1	30	30
Lift per shaft stroke loaded/unloaded in mm		25	25
Tuning radius in mm	W_a	855	1155
Weight in kg		80	90

* Polyamide (PA)



Material Handling Equipment

Hydraulic Hand Stackers

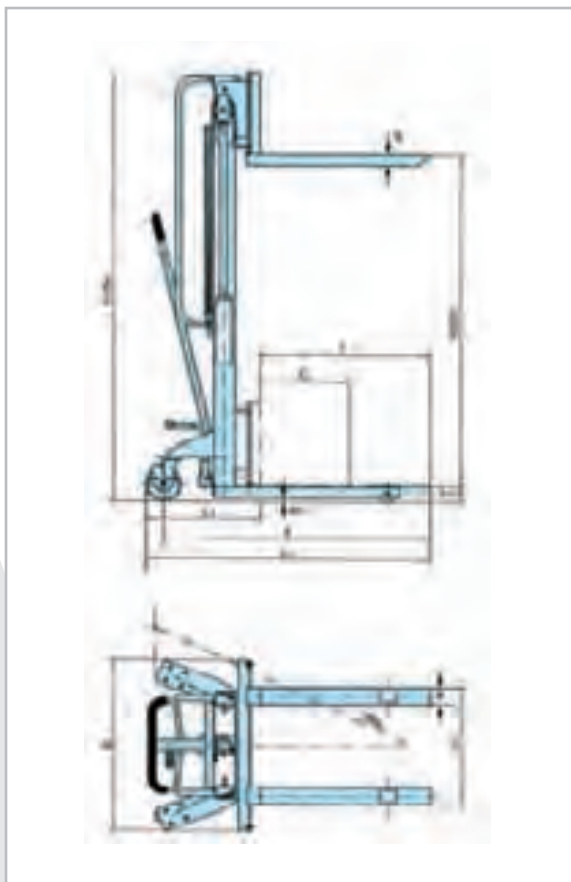
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silberblau SUPER HIGH LIGHT HV 0516

Manual drive and manual lifting

This is our multi-purpose hand stacker unit: With its adjustable and removable forks you get the ideal tool for almost every application. Make only your choice between crane attachments, swivelling mechanisms for barrels, loading tables and all other useful accessories! You will surely find the ideal tool for your specific application! But there is one thing we can guarantee for the flexible HV 0516 due to its low weight and low roller friction. Its unrivalled maneuverability.



Type		HV 0516
Art. No.		040005551
Load capacity in t		0,5
Steering-/load wheels*		NYL/PUR
Steering wheel size in mm		150x40
Load wheel size in mm		80x35
Number steering-/load wheels		2/2
Mast collapsed height in mm	h1	2000
Load center in mm	c	600
Free lift in mm	h2	1520
Piston stroke in mm	h3	1520
Mast extended height in mm	h4	2000
Wheelbase in mm	y	1630
Raised fork height in mm	h3+h13	1600
Lowered fork height in mm	h13	80
Overall length in mm	L1	1690
Head-length in mm	L2	550
Overall width in mm	B	800
Fork length in mm	l	1150
Fork width x thickness in mm	e x s	100x45
Fork carriage width adjustable from - to in mm	b1	200/770
Ground clearance in mm	m1	25
Lift per shaft stroke loaded/unloaded in mm		32
Turning radius in mm	Wa	1500
Weight in kg		217

* Nylon (NYL), Polyurethane (PUR)



Hydraulic Hand Stackers

silberblau STAR I HV 1008 (w/o fig.)

Manual drive and manual lifting

The compact but robust STAR I hydraulic stacker is designed for lifting palletized items weighing up to 1000 kg to a maximum height of 900 mm. This manually-operated hydraulic stacker truck is especially suitable for handling and stacking medium-weight items over short distances. Examples of this type of use include shelf-filling inside a warehouse and goods vehicle loading/unloading operations. The main features of this unit are: easy maneuverability under load, a high level of stability, easy single-handed control – from the top of the ergonomically-designed steering handle – of the raise/move/lower functions, and infinitely variable lowering-speed control.

silberblau STAR II HV 1016

Manual drive and manual lifting

The robustly-designed STAR II is right in its element whenever the situation involves the managed control of pallets stacked at varying heights. This "large-scale" hydraulic stacker truck makes light work of any item weighing up to 1000 kg – lifting it to heights of up to 1600 mm. Like the STAR I model, this manually-operated hydraulic stacker is designed for the handling and stacking of medium-weight items over short distances. Easy to maneuver under load, stable in use and equipped with ergonomically-designed controls, the STAR II leaves nothing to be desired where convenient load-lifting is concerned.

Standard Equipment STAR I and STAR II

- Fixed, optimized wheelbase provides high level of stability
- Two-speed lifting system for considerably faster raising of items weighing up to 100 kg
- Hardened axles ensure a long service life
- Overload protection provided by pressure control valve

Options STAR I and STAR II

- Optimum running performance provided by a combination of bearing-mounted rollers and wear-resistant nylon rollers



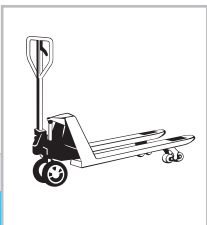
HV 1016



HV 1016



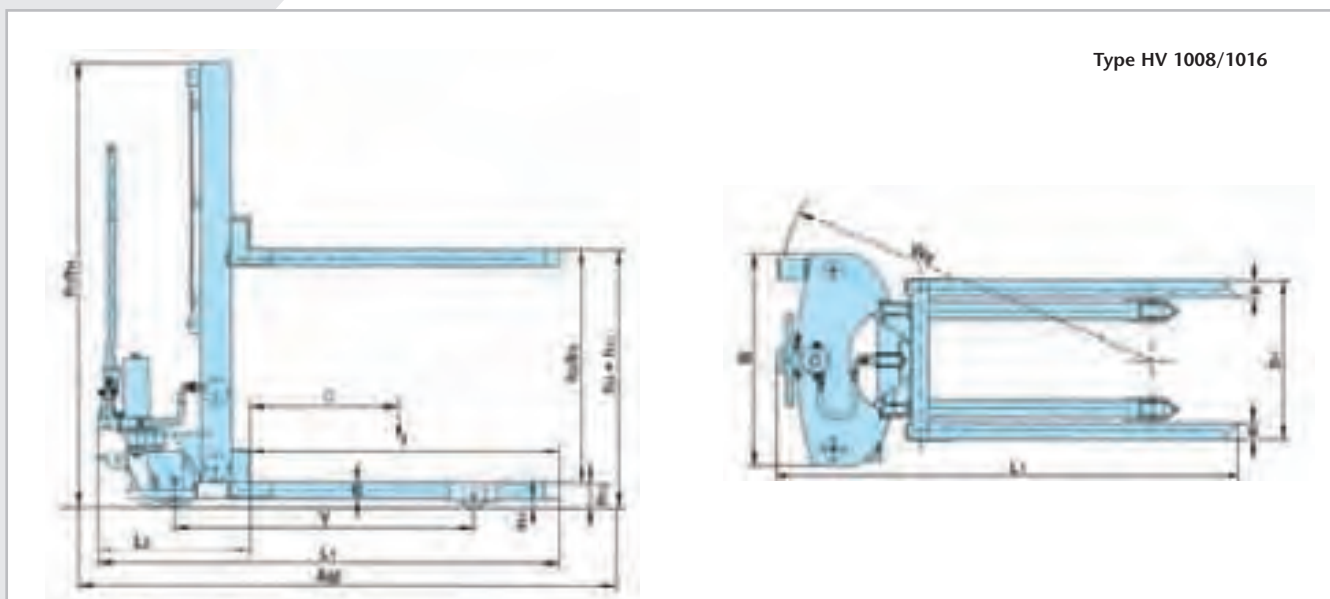
Diagram and chart see page 30



Material Handling Equipment

Hydraulic Hand Stackers

1



Type HV 1008/1016

Type		HV 1008	HV 1016
Art. No.		034518032	034518030
Lifting capacity in t		1,0	1,0
Steering-/load wheels*		PUR/PUR	PUR/PUR
Wheel size front in mm		180x50	180x50
Load wheel size rear in mm		80x55	80x55
Number of wheels front/rear		2/2	2/2
Height of lifting system, retracted in mm	h_1	1300	1965
Load center in mm	c	600	600
Free lift in mm	h_2	810	1510
Lifting height in mm	h_3	810	1510
Height of lifting system, extracted in mm	h_4	1300	1965
Wheelbase in mm	y	1075	1075
Fork height max. in mm	h_3+h_{13}	900	1600
Fork height lowered in mm	h_{13}	90	90
Total length in mm	L_1	1675	1675
Headlength in mm	L_2	552	552
Total width in mm	B	765	765
Fork length in mm	l	1122	1122
Fork width x height in mm	$e \times s$	60x60	60x60
Carrying fork width in mm	b_1	570	570
Floor/ground clearance in mm	m_1	25	25
Lift per lever stroke loaded/unloaded in mm		17/50	17/50
Aisle width for euro pallets in mm	A_{st}	1875	1875
Turning radius in mm	W_a	1445	1445
Weight in kg		179	205

* Polyurethane (PUR)



EHH Electric Stackers

1



EHH 1209



Diagram and chart see page 33



silberblau COMPACT MOUNT EHH 1209

Manual drive and electrical lifting

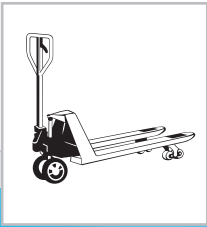
Designed for the high-performance handling of normal and wire-mesh pallets, the COMPACT MOUNT high-lift pallet truck's electrically-operated lifting system with control handle makes light work of raising items weighing up to 1,2 tons to a maximum height of 900 mm. Constant lowering speed is provided by a braking valve system, while a pressure control valve guards against possible overloading and a guarded lifting chain prevents operator injuries. Driving safety is provided by a two-sided step-synchronized steering mechanism with variable lock, which maintains optimum wheelbase dimensions at all times.

Items supplied as standard:

- Specially hardened axles, hard-chrome plated piston rods
- Polyurethane steering wheels, polyamid load wheels
- Hydraulic unit fitted with electrically-actuated release valve
- Built-in 12 V/90 Ah battery and charger unit
- Battery level and charging indicators
- Access to battery compartment from top of unit
- Optimized maneuverability thanks to two-sided step-synchronized steering mechanism with variable lock
- Constant optimum wheelbase dimensions
- Lowering-brake valve system

Safety feature pack:

- Conforms with EC Machinery Directive 98/37/EEC, Appendix I, national standard BLV DIN 27
- Emergency OFF switch
- Electronically-imposed shutdown while batteries are being charged
- Guarded lifting chain
- Wheel lock
- Pressure control valve



Material Handling Equipment

EHH Electric Stackers

1



EHH 1030
EHH 1216

silberblau CLIMBER EHH 1216, EHH 1030

Manual drive and electrical lifting

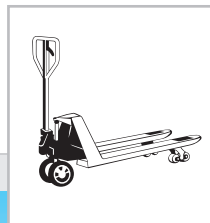
The specializations of our CLIMBER series of electric stackers – with their different load-capacity and lifting height configurations – is the various requirements posed by goods-vehicle loading and unloading tasks. Whether you opt for a maximum height of 1,6 m and lifting capacity of 1,2 tons, or a 3 m/1,0 ton configuration, the choice is yours with respect to the safe, functional COMPACT MOUNT unit. You can only benefit from the long efficient service life that the robust construction the CLIMBER provides – along with specially hardened axles, maintenance-free bearings, hard-chrome plated piston rods and the fixed end-stop for the vertically-positioned steering handle.

Items supplied as standard:

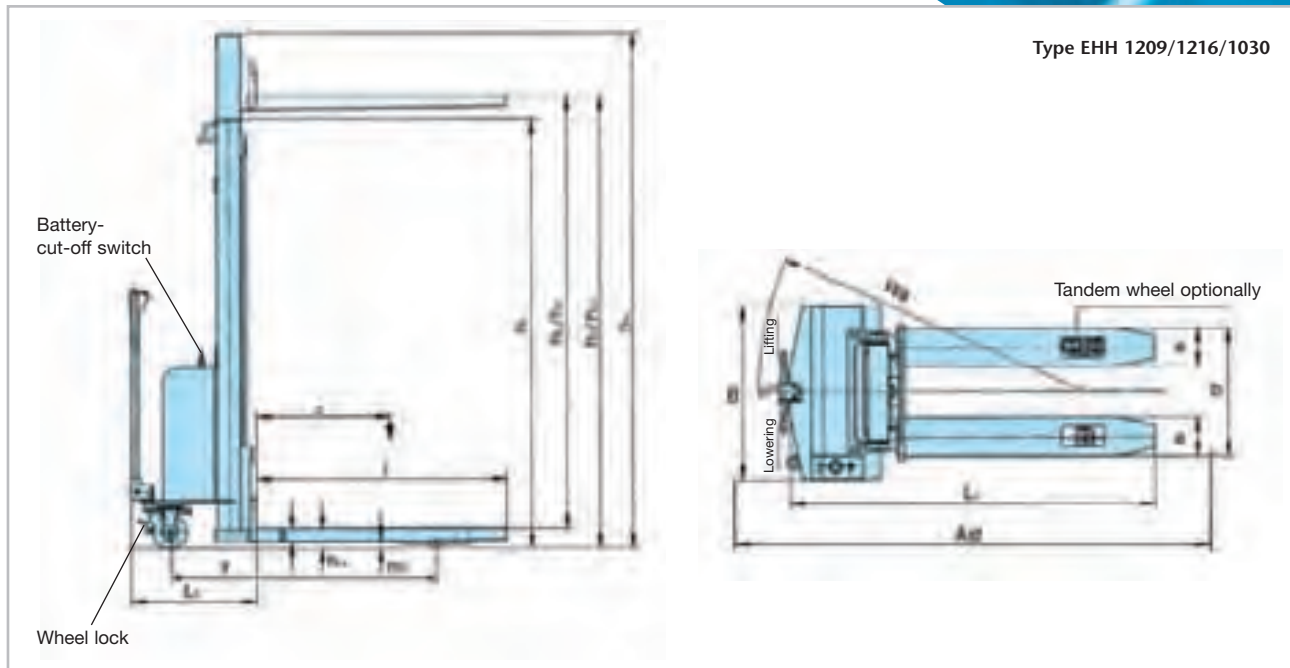
- Specially hardened axles, hard-chrome plated piston rods
- Polyurethane steering wheels, polyamid load wheels
- Hydraulic unit fitted with electrically-actuated release valve
- Built-in battery 12 V/90 Ah and charger unit
- Battery level and charging indicators
- Access to battery compartment from top of unit
- Optimized maneuverability thanks to two-sided step-synchronized steering mechanism with variable lock
- Constant optimum wheelbase dimensions
- Lowering-brake valve system

Safety feature pack:

- Conform with EC Machinery Directive 98/37/EEC, Appendix I, national standard BLV DIN 27
- Emergency OFF switch
- Electrically controlled shutdown while batteries are being charged
- Guarded lifting chain
- Wheel lock
- Pressure control valve



Type EHH 1209/1216/1030



Type		EHH 1209	EHH 1216	EHH 1030
Art. No.		034545010	034545011	034545013
Lifting capacity up to 2,5 m lifting height in t		1,2	1,2	1,0
Residual carrying capacity in t		1,2	1,2	0,9
Steering-/load wheels*		PUR/PA	PUR/PA	PUR/PA
Wheel size front in mm		150x50	150x50	150x50
Load wheel size rear in mm		80x61	80x61	80x61
Number of wheels front/rear		2/2	2/2	2/2
Height of lifting system, retracted in mm	h_1	1300	1970	1930
Load center in mm	c	600	600	600
Free lift in mm	h_2	810	1510	-
Lifting height in mm	h_3	810	1510	2910
Height of lifting system, extended in mm	h_4	1300	1970	3385
Wheelbase in mm	y	1193	1193	1193
Fork height max. in mm	h_3+h_{13}	900	1600	3000
Fork height lowered in mm	h_{13}	90	92	92
Total length in mm	L_1	1632	1632	1632
Headlength in mm	L_2	560	560	560
Total width in mm	B	780	780	780
Fork length in mm	l	1120	1120	1120
Fork width x height in mm	$e \times s$	170x60	170x60	170x60
Carrying fork width in mm	b_1	570	570	570
Floor/ground clearance in mm	m_1	32	32	32
Aisle width for euro pallets in mm	A_{st}	2367	2367	2367
Turning radius in mm	W_a	1775	1775	1775
Lifting speed loaded/unloaded in m/s		0,08/0,12	0,08/0,12	0,08/0,12
Lowering speed loaded/unloaded in m/s		0,09/0,07	0,09/0,07	0,09/0,07
Lift motor rating in kW		1,5	1,5	1,5
Battery according to DIN 43531		semित्रaction	semित्रaction	semित्रaction
Nominal battery voltage in V/Ah		12/90	12/90	12/90
Battery charger in V/A		12/8	12/8	12/8
Weight incl. battery in kg		364	386	465

* Polyurethane (PUR) , Polyamide (PA)



Material Handling Equipment

EGV ESL Electric Stackers

1



EGV ESL 1230



EGV ESL 1230



EGV ESL 1230

silberblau TURNER LIGHT EGV ESL 10...

Electrical drive and electrical lifting

You need high visibility for the safe transport palletized goods, skeleton containers and other bulky materials in tight spaces. Here the TURNER LIGHT electric stacker is your ideal partner. Our "master in turning" can be loaded up to 1000 kg but also "step on the accelerator" when lifting, lowering, forward or reverse running. There are two semi-traction batteries 12 V/90 Ah offering strong performance – rechargeable with the built-in charger unit, which can be plugged into a standard 220 V supply.

silberblau TURNER HEAVY EGV ESL 12...

Electrical drive and electrical lifting

For all large and small shops the TURNER HEAVY electric stacker offers the flexibility needed for all the different applications. You can select among the standard lifting heights of 1600 mm, 2500 mm and 3000 mm. Lifting and lowering is done electrically – without any effort. A very sensitive valve allows the exact positioning of the forks as well as manual control of lowering speed. This the reason why the TURNER HEAVY within the light and normal duty class is unique: a spring-loaded, and centrally-located driving system guarantees stability!

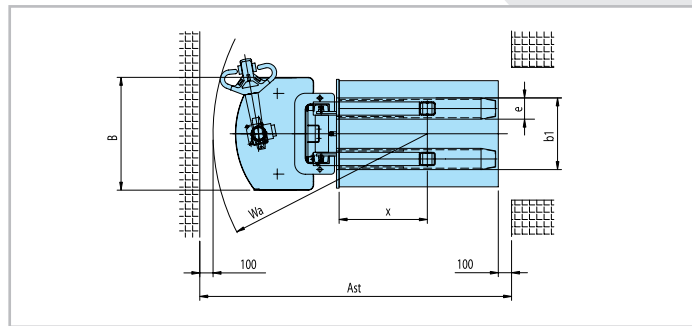
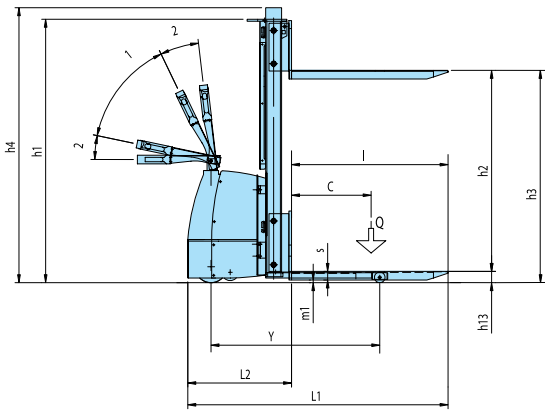
Material Handling Equipment



Type ESL 1016/1216/1225/1230

EGV ESL Electric Stackers

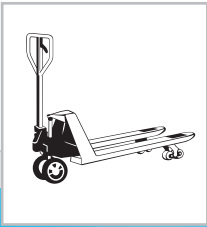
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Type			EGV ESL 1016 040021010	EGV ESL 1216 040021012	EGV ESL 1225 040021013	EGV ESL 1230 040021014
Art. No.						
Lifting capacity		[t]	1,0	1,2	1,2	1,2
Residual carrying capacity		[t]	1,0	1,2	1,2	0,9
Wheels, running gear-tires **			V* / PUR / PUR	V* / PUR / PUR	V* / PUR / PUR	V* / PUR / PUR
Tire size, front		[mm]	250x80 / 150x40	250x80 / 150x40	250x80 / 150x40	250x80 / 150x40
Tire size, rear		[mm]	80x80	80x80	80x80	80x80
no. of wheels, front/rear; X=driven			1X + 2/2	1X + 2/2	1X + 2/2	1X + 2/2
Overall height, retracted	h ₁	[mm]	1985	1985	1750	1995
Load centre of gravity	c	[mm]	600	600	600	600
Lift	h ₂	[mm]	1515	1515	2415	2915
Overall height, extended	h ₄	[mm]	2045	2045	2960	3460
Wheel base	y	[mm]	1270	1270	1270	1270
max. fork height	h ₃	[mm]	1600	1600	2500	3000
min. fork height	h ₁₃	[mm]	85	85	85	85
Total length	L ₁	[mm]	1910	1910	1910	1910
Front part length	L ₂	[mm]	730	730	730	730
Total width	B	[mm]	850	850	850	850
Fork length	l	[mm]	1180	1180	1180	1180
Fork width x fork height	e x s	[mm]	160x60	160x60	160x60	160x60
Fork carrying width	b ₁	[mm]	540	540	540	540
Floor/ground clearance	m ₁	[mm]	20	20	20	20
Width of work aisle for Euro pallets	A _{st}	[mm]	2270	2270	2270	2270
Turning radius	W _a	[mm]	1540	1540	1540	1540
Travelling speed with / without load		[km/h]	4/5	4/5	4/5	4/5
Lifting speed with / without load		[m/s]	0,12 / 0,20	0,12 / 0,20	0,12 / 0,20	0,12 / 0,20
Lowering speed with / without load		[m/s]	0,18 / 0,12	0,18 / 0,12	0,18 / 0,12	0,18 / 0,12
Gradability with / without load		%	5/10	5/10	5/10	5/10
Travelling motor power		[kW]	0,50 / 0,70	0,50 / 0,70	0,50 / 0,70	0,50 / 0,70
Lifting motor power		[kW]	2,2	2,2	2,2	2,2
Battery voltage / capacity		V/Ah	2 x 12 V / 90 Ah	2 x 12 V / 90 Ah	2 x 12 V / 90 Ah	2 x 12 V / 90 Ah
Battery charger		V/A	20 / 13	20 / 13	20 / 13	20 / 13
Net weight with battery		[kg]	492	492	522	552

* driving wheel

** Vulkollan (V) / Polyurethane (PUR)



Material Handling Equipment

EGV EPH Electric Stackers

1



EGV EPH 1230



silberblau WALKER LIGHT EGV EPH 12...

Electrical drive and electrical lifting

This robust heavy athlete among lifting systems does not let you down when loaded with up to 1200 kg. During transporting on difficult ground it levels up all kinds of uneven ground and holes due to its clearance of 30 mm from the upper and lower side. Being a part of an intelligent and comprehensive concept WALKER LIGHT does not only lift heavy loads but also ensures operator comfort: an ergonomically-designed steering handle with its easy-to-use controls provides smooth and tireless operation.



EGV EPH 1230

silberblau WALKER HEAVY EGV EPH 16...

Electrical drive and electrical lifting

There are important arguments speaking for the WALKER HEAVY electric stacker, like lifting capacity of 1600 kg or optionally lifting heights of 2500 mm, 3000 mm, 3500 mm or 4000 mm. The high-performance battery with tubular positive plates with 24 V/160 Ah up to 320 Ah guarantees a very long service life. And if you think that's not enough, we recommend our special purpose models – ready for 2000 kg and 3000 kg loading capacity, triplex masts, initial or complete free lift, 4-way-system, counter-weight- or wide-gauge models and, and and.....

Please do not hesitate to contact us!

Material Handling Equipment



EGV EPH Electric Stackers

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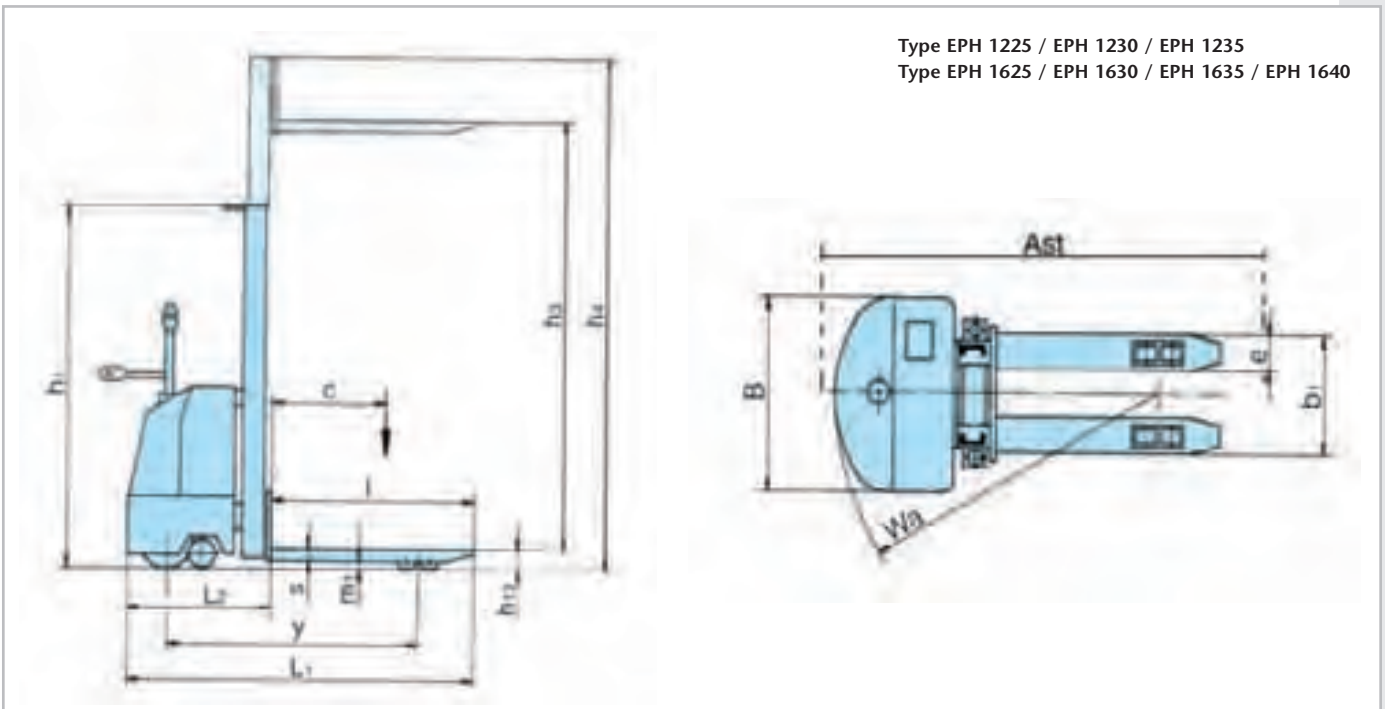


EGV EPH 1635

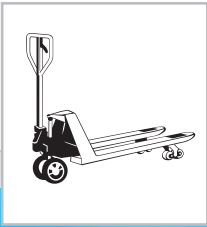


EGV EPH 1635

Charts see page 38



Type EPH 1225 / EPH 1230 / EPH 1235
Type EPH 1625 / EPH 1630 / EPH 1635 / EPH 1640



Material Handling Equipment

EGV EPH Electric Stackers

1

Type		EGV EPH 1225	EGV EPH 1230	EGV EPH 1235
Art. No.		034554040	034554041	034554042
Lifting capacity up to 2,5 m lifting height in t		1,2	1,2	1,2
Residual carrying capacity in t		1,2	1,0	0,8
Steering-/load wheels*		SR/PUR/PUR	SR/PUR/PUR	SR/PUR/PUR
Wheel size front in mm		220x100/150x40	220x100/150x40	220x100/150x40
Load wheel size rear in mm		82x80	82x80	82x80
Number of wheels front/rear X = actuated		1X+2/2	1X+2/2	1X+2/2
Height of lifting system, retracted in mm	h ₁	1740	1998	2250
Load center in mm	c	600	600	600
Free lift in mm	h ₂	-	-	-
Lifting height in mm	h ₃	2415	2915	3415
Height of lifting system, extended in mm	h ₄	2950	3450	4040
Wheelbase in mm	y	1270	1270	1270
Fork height max. in mm	h ₃ +h ₁₃	2500	3000	3500
Fork height lowered in mm	h ₁₃	85	85	85
Total length in mm	L ₁	1980	1980	1980
Headlength in mm	L ₂	800	800	800
Total width in mm	B	850	850	850
Fork length in mm	l	1180	1180	1180
Fork width x height in mm	e x s	160x65	160x65	160x65
Carrying fork width in mm	b ₁	540	540	540
Floor/ground clearance in mm	m ₁	20	20	20
Aisle width for euro pallets in mm	Ast	2250	2250	2250
Turning radius in mm	Wa	1450	1450	1450
Drive speed loaded/unloaded in km/h		5/6	5/6	5/6
Lifting speed loaded/unloaded in m/s		0,05/0,09	0,05/0,09	0,05/0,09
Lowering speed loaded/unloaded in m/s		0,07/0,10	0,07/0,10	0,07/0,10
Max. gradient loaded/unloaded in %		5/10	5/10	5/10
Drive motor rating in kW		1,2	1,2	1,2
Lift motor rating in kW		2,2	2,2	2,2
Battery according to DIN 43531		PzS	PzS	PzS
Nominal battery voltage in V/Ah		24/160	24/160	24/160
Battery charger in V/A		24/30	24/30	24/30
Weight incl. battery in kg		648	678	708

Type		EGV EPH 1625	EGV EPH 1630	EGV EPH 1635	EGV EPH 1640
Art. No.		034554050	034554051	034554052	034554053
Lifting capacity up to 2,5 m lifting height in t		1,6	1,6	1,6	1,6
Residual carrying capacity in t		1,6	1,3	1,1	0,9
Steering-/load wheels*		SR/PUR/PUR	SR/PUR/PUR	SR/PUR/PUR	SR/PUR/PUR
Wheel size front in mm		220x100/150x50	220x100/150x50	220x100/150x50	220x100/150x50
Load wheel size rear in mm		82x60	82x60	82x60	82x60
Number of wheels front/rear X = actuated		1X+2/4	1X+2/4	1X+2/4	1X+2/4
Height of lifting system, retracted in mm	h ₁	1770	2020	2270	2520
Load center in mm	c	600	600	600	600
Free lift in mm	h ₂	-	-	-	-
Lifting height in mm	h ₃	2415	2915	3415	3915
Height of lifting system, extended in mm	h ₄	2970	3470	3970	4470
Wheelbase in mm	y	1330	1330	1330	1330
Fork height max. in mm	h ₃ +h ₁₃	2500	3000	3500	4000
Fork height lowered in mm	h ₁₃	85	85	85	85
Total length in mm	L ₁	1960	1960	1960	1960
Headlength in mm	L ₂	810	810	810	810
Total width in mm	B	850	850	850	1050
Fork length in mm	l	1150	1150	1150	1150
Fork width x height in mm	e x s	178x60	178x60	178x60	178x60
Carrying fork width in mm	b ₁	560	560	560	560
Floor/ground clearance in mm	m ₁	25	25	25	25
Aisle width for euro pallets in mm	Ast	2250	2250	2250	2250
Turning radius in mm	Wa	1460	1460	1460	1460
Drive speed loaded/unloaded in km/h		5/6	5/6	5/6	5/6
Lifting speed loaded/unloaded in m/s		0,07/0,11	0,07/0,11	0,07/0,11	0,07/0,11
Lowering speed loaded/unloaded in m/s		0,06/0,11	0,06/0,11	0,06/0,11	0,06/0,11
Max. gradient loaded/unloaded in %		5/10	5/10	5/10	5/10
Drive motor rating in kW		1,2	1,2	1,2	1,2
Lift motor rating in kW		2,2	2,2	2,2	2,2
Battery according to DIN 43531		PzS	PzS	PzS	PzS
Nominal battery voltage in V/Ah		24/240	24/240	24/240	24/240
Battery charger in V/A		24/40	24/40	24/40	24/40
Weight incl. battery in kg		845	875	905	935

* Solid Rubber (SR), Vulcanized Rubber (V), Polyurethane (PUR)