HPS/HPT Technical Data
Hand Pallet Trucks

HPS 20 W

HPS 25 W

HPT 10 XM

HPT 10 XE

HPT 20 FL

HPT 25

HPT 25 GA

HPT 25 ST

HPT 30



first in intralogistics

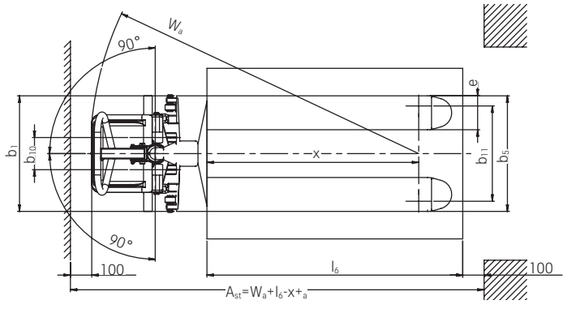
HPS/HPT Hand Pallet Trucks
Simply moving more

This specification sheet, which conforms to VDI guideline 2198, provides the technical values for the standard equipment only. Different tyres and the use of accessories, etc. may result in other values.

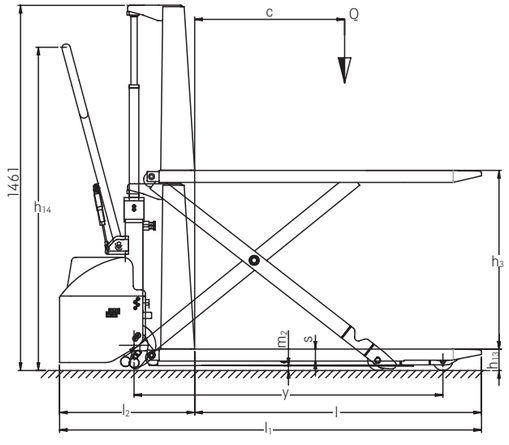


Features	1.1	Manufacturer				STILL	STILL	STILL	STILL	STILL	STILL	STILL	STILL	STILL
	1.2	Manufacturer's type designation				**HPS 20 W**	**HPS 25 W**	**HPT 10 XM**	**HPT 10 XE**	**HPT 20 FL**	**HPT 25**	**HPT 25 GA**	**HPT 25 ST**	**HPT 30**
	1.4	Operator type				Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian
	1.5	Rated capacity/rated load		Q	kg	2000	2500	1000	1000	2000	2500	2500	2500	3000
	1.6	Load centre distance		c	mm	600	600	600	600	600	600	600	600	600
	1.8	Load distance, centre of drive axle to fork		x	mm	935	935	993	993	945	932	932	932	932
	1.9	Wheel base		y	mm	1120	1120	1231	1231	1192	1192	1192	1192	1192
Weight	2.1	Service weight			kg	104 [2]	107 [2]	104	144 [2]	71	63	63	69	79
Tyres/chassis	3.1	Tyres	drive end/load end			Rubber/ polyurethane tandem [1]	Rubber/ polyurethane tandem [1]	Nylon/ polyurethane [1]	Nylon/ polyurethane [1]	Nylon/nylon tandem [1]	Nylon/nylon [1]	Nylon/nylon [1]	Nylon/nylon	Nylon/nylon tandem [1]
	3.2	Tyre size	drive end		mm	∅ 180 x 50	∅ 180 x 50	∅ 200 x 45	∅ 200 x 50	∅ 200 x 50	∅ 200 x 50	∅ 200 x 50	∅ 200 x 50	∅ 200 x 50
	3.3	Tyre size	load end		mm	∅ 80 x 70	∅ 80 x 70	∅ 80 x 50	∅ 80 x 50	∅ 55 x 58	∅ 82 x 82	∅ 82 x 82	∅ 82 x 82	∅ 82 x 60
	3.5	Number of wheels	drive end/load end			2/4	2/4	2/2	2/2	2/4	2/2	2/2	2/2	2/4
	3.6	Track width	drive end	b_{10}	mm	130	130	155	155	125	155	155	155	155
	3.7	Track width	load end	b_{11}	mm	445	445	447	447	365	375	375	375	375
Dimensions	4.4	Lift		h_3	mm	115	115	715	715	115	115	115	115	115
	4.9	Height drawbar in driving position	max.	h_{14}	mm	1215	1215	1285	1214	1185	1185	1185	1185	1185
	4.15	Fork height, lowered		h_{13}	mm	90	90	85	85	56,5	85	85	85	85
	4.19	Overall length		l_1	mm	1580	1580	1545	1665	1550	1550	1550	1550	1550
	4.20	Length to face of forks		l_2	mm	430	430	395	515	400	400	400	400	400
	4.21	Overall width		b_1	mm	555	555	540	540	525	525	525	525	525
	4.22	Fork dimensions	DIN ISO 2331	s/e/l	mm	65/180/1150	65/180/1150	48/160/1150	48/160/1150	40/160/1150	55/150/1150	55/150/1150	55/150/1150	55/150/1150
	4.25	Distance between fork arms		b_5	mm	555	555	540	540	525	525	525	525	525
	4.32	Ground clearance, centre of wheel base		m_2	mm	25	25	21	21	15	30	30	30	30
	4.34.1	Working aisle width for pallets 1000 x 1200 crossways		A_{st}	mm	1850	1850	2241	2321	2170	2171	2171	2171	2171
	4.34.2	Working aisle width for pallets 800 x 1200 lengthways		A_{st}	mm	1830	1830	2091	2171	2041	2048	2048	2048	2048
	4.35	Turning radius		W_a	mm	1375	1375	1440	1520	1367	1367	1367	1367	1367

[1] Other wheel/roller treads as per the equipment overview
[2] Service weight incl. battery



HPT 10 XE top view



HPT 10 XE side view

Detailed Photos



Easy crossways loading of pallets thanks to the tandem roller with loading guide





Versatile and extendable – accurate weighing equipment for a wide range of operational requirements



Low steering forces and rolling resistance thanks to the single nylon roller



Pick up extremely low special pallets with the HPT 20 FL's flat forks

High flexibility in use

Mobile workbench – whenever and wherever

Excellent stability, even at the maximum lift height



HPT 10 XM

With a lifting capacity of 1,000 kg, the HPT 10 XM manual scissor lift truck combines the advantages of a low lift pallet truck with those of a mobile workbench. The scissor lift for heights of up to 800 mm allows for loading and unloading, order picking and assembly work to be carried out without strenuous bending or lifting. For a lift height of 400 mm or more, supports are placed on the floor to provide the equipment with stability, making the HPT 10 XM a practical and extremely safe partner.

Ergonomic operation in all situations

Lifting and lowering of loads with ease at the touch of a button

Powerful 1.6 kW lifting motor for loads of up to 1,000 kg as standard



HPT 10 XE

The HPT 10 XE allows for ergonomically optimised operation in all situations thanks to its easy-to-use electrical scissor lift function. The standard 1.6 kW lifting motor, complete with powerful 12 V/60 Ah battery, makes it possible to lift loads weighing up to 1,000 kg with ease. The working height of up to 800 mm is freely adjustable by electrically operating the scissor lift, taking the strain off the back, and the built-in supports can be used from heights of 400 mm, providing maximum safety with the HPT 10 XE as standard.

Compliance with the most stringent hygiene standards

Quick and straightforward cleaning thanks to dirt-repellent properties

Long-lasting protection against moisture thanks to the corrosion-resistant pump mechanism



HPT 25 GA

The galvanised version HPT 25 GA has been developed for use in damp or cool operating conditions. The surface coating provides the hand pallet truck with particularly effective protection against corrosion and wear, making it ideal for use outdoors, e. g. in horticultural enterprises, covered markets or ports.

HPT 25 ST

The HPT 25 ST is made from acid-resistant stainless steel (AISI 304) and complies with all hygiene regulations from the pharmaceutical, food and chemical industries. Its electropolished surfaces are dirt-repellent, making the product easy to clean. Made from durable bronze, the pump mechanism provides effective protection against corrosion, whilst the roller bearings are fully encapsulated to keep them waterproof.

Transportation and accurate weighing of goods

Splash-proof LCD display unit suitable for use indoors and outdoors

Display and weighing unit that can be flexibly configured



HPS 20 W/25 W

Weighing, checking and calculating – the HPS 20 W and HPS 25 W variants can be used to transport loads of up to 2,000 kg and 2,500 kg respectively, whilst an accurate weight measurement can be taken in the same process step. Weighing cells built into the forks guarantee precise measurement results, with a tolerance of just 0.1 % of the lifted load. The weighing unit is intuitive and easy to operate, providing supporting functions, such as stored total sum function with consecutive numbering, the option to manually pre-set tare values and taring at the press of a button. The weighing unit has been awarded protection class IP 65 due to its protection against dust and moisture. There is also a battery indicator to show the current level of charge. The optional foot brake provides for an even higher level of safety on ramps, whilst the built-in printer – another optional feature – allows this one product to take care of yet another process step.

The HPS 20 W can weigh loads of up to 2,000 kg, and is mainly used in dispatch or goods inwards areas to determine transport weights in order to check for overloading or to run estimated checks of incoming goods. The scales come with an LCD display showing weights in 1 kg steps, and the weighing equipment is powered by four 1.5 V AA batteries.

The HPS 25 W features a multi-range display as standard for weighing goods. For loads of up to 200 kg, the weight is displayed in 0.2 kg steps, which allows for accurate measurements to be taken. The product is also almost always ready for use, as the battery module is easy to replace.

In industrial use, the HPS 25 W is suitable for loads of up to 2,500 kg, e. g. for checking weights in production and when measuring consumable materials or filling containers. Additional functions for counting pieces by entering or calculating the piece weight, a date/time function and a calibrated version are also available as options.

HPT Hand Pallet Trucks
Simply moving more

High manoeuvrability due to large steering angle

Easy crossways loading of pallets thanks to loading rollers under the tips of the forks

Ergonomically optimised tiller shape for fatigue-free operation



HPT

With lifting capacities of between 1,000 kg and 3,000 kg, the HPT hand pallet trucks are incredibly versatile with applications for production, retail, logistics service providers and workshops, where they can be relied upon to manoeuvre in the tightest of spaces, transport goods or load and unload lorries. These products feature a robust steel construction that has been designed with durability in mind, boasting torsional rigidity and proving ideal for even the most heavy-duty of applications. Their compact design, various fork sizes and load capacities allow these hand lift trucks to be adapted to suit the particular application in question perfectly. Thanks to the extensive range of tyre options available, the rollers can be adapted to the ground conditions to ensure optimum rolling performance.

HPT Hand Pallet Truck

Impressive all-rounder for loads up to 3000 kg

Maximum steering lock for manoeuvrability in the tightest of spaces

Ergonomic handle design for fatigue-free operation



HPT 25, HPT 30, HPT 20 FL

Hand pallet trucks are versatile, easy to operate and available at all times, making them one of the most popular types of industrial trucks used in logistics. Featuring lifting capacities of up to 2,500 kg and 3,000 kg respectively, the reliable HPT 25/30 models boast an impressively functional design and are incredibly straightforward to use. With its different fork lengths and widths, the HPT can be optimally configured for almost any carrier and even for transportation of two pallets laid end to end. The ergonomic design of the tiller enables fatigue-free operation, guaranteeing outstanding levels of productivity, whilst the maximum steering lock of 205° provides extremely high manoeuvrability – even in the tightest of spaces. The option of the quick lifting function for loads of up to 150 kg makes the HPT 25 your ideal partner for swiftly loading and unloading lorries, moving pallets, and covering short transport routes.
The HPT 20 FL flat pallet truck has a lifting capacity of 2,000 kg. With a fork height of just 56.5 mm, it is best suited to lifting really low carriers, such as special pallets or packages. The tips of the forks taper towards the front, so they can be used as a skid lift, thereby making it easier to pick up pallets from the side.

The ‘Simply Efficient’ factors: Performance attributes as a measure of economic efficiency

Simply easy

- Optimised tiller handle shape and functionality for guaranteed fatigue-free operation
- Effortless – electrical lifting and lowering of loads, meaning physical strain is kept to a minimum
- Easier and quicker crossways loading of pallets thanks to the loading and unloading guides
- Fuel savings thanks to suitable tyre options that guarantee optimal grip and minimum rolling resistance in all situations

Simply powerful

- Effective goods handling with the capacity to transport goods weighing up to 3,000 kg
- Torsionally rigid steel construction guaranteeing durability and reliability for demanding applications
- Low wear thanks to powder-coated surfaces
- Powerful motion with the manual or electrical scissor lift function making it possible to lift loads of up to 1,000 kg to a height of up to 800 mm

Simply safe

- Ergonomic operation with lift heights of up to 800 mm
- Safe handling of delicate goods with high-precision lowering of the forks
- Optional operating and parking brake ensures safety even on ramps
- Improved safety thanks to supports that can be used for lift heights of 400 mm or more
- Hydraulic overload protection to prevent errors and guarantee correct usage
- Splash-proof display unit for scales for use outdoors

Simply flexible

- Various fork lengths and widths available to ensure you have the right equipment for every requirement
- Exceptional manoeuvrability even in the tightest of spaces due to the tiller’s large steering angle

Equipment Variants

		HPS 20 W	HPS 25 W	HPT 25 HPT 30	HPT 20 FL	HPT 25 GA HPT 25 ST	HPT 10 XM	HPT 10 XE
General	Various fork lengths	—	○	○	—	—	—	—
	Various equipment widths	—	○	○	—	—	—	—
Wheels	Steering wheel tyres, nylon	—	—	●	●	●	●	●
	Steering wheel tyres, polyurethane	—	—	○	○	—	○	○
	Steering wheel tyres, solid rubber	●	●	○	○	—	○	○
	Steering wheel tyres, polyurethane	○	○	—	—	—	—	—
	Load roller tyres, nylon, single	—	—	●/—	—	●	—	—
	Load roller tyres, nylon, tandem	—	—	○/●	—	○/—	—	—
	Load roller tyres, polyurethane, single	—	—	○/—	—	—	●	●
	Load roller tyres, polyurethane, tandem	●	●	○	—	—	—	—
Safety	Operating and parking brake (using the lever)	—	—	○	—	—	—	—
	Parking brake (using the foot pedal)	○	○	—	—	—	—	—
Battery system	12 V/60 Ah battery for the electrical lifting equipment, including external charger	—	—	—	—	—	—	●
	12 V/1.2 Ah replacement battery for operating the weighing display, including external charger	—	●	—	—	—	—	—
	4 x 1.5 V AA batteries for operating the weighing display	●	—	—	—	—	—	—
Additional equipment	Quick lifting function for loads of up to 150 kg	—	—	○/—	—	—	●	—
	Quick lifting function for loads of up to 200 kg	●	●	—	—	—	—	—
	Weighing system for measuring up to 2,000 kg	●	—	—	—	—	—	—
	Weighing system for measuring up to 2,500 kg	—	●	—	—	—	—	—
	Weighing system for measuring up to 2,500 kg, can be calibrated	—	○	—	—	—	—	—
	Built-in printer for weighing system	○	○	—	—	—	—	—
	Manual scissor lift	—	—	—	—	—	●	—
	Electrical scissor lift	—	—	—	—	—	—	●

● Standard ○ Optional — Not available

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STILL is certified in the following areas: Quality management, occupational safety, environmental protection and energy management.

HPS/HPT EN 10/26 Subject to technical modifications.

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