EGV-S, EGV 20, EGP Technical data.

High lift pallet trucks.

Achieve more.

Pedestrian high lift pallet truck with hinged platform.

The EGV-S is particularly suitable for longer runs due to the hinge-down stand-on platform.

The new high lift pallet truck, with hinged driver's platform and side protection arms, has been developed with the objective of achieving the best possible safety and ergonomics. Thanks to the use of reliable and proven technical solutions, the new EGV - S is an extremely reliable and productive machine, especially under difficult application conditions.

Chassis.

The EGV - S has 4-point wheel support: the rigidly mounted drive unit, arranged to one side, with a castor wheel. This configuration guarantees the stability and high residual capacity that are essential properties of a high lift pallet truck. The motor compartment is fitted with a strong and resilient polyurethane cover, with very high impact resistance. The same material is used for the battery compartment cover, which features an integral storage tray and a document clip. The battery is changed with a hoist, but can also be removed from the side. Both options are included in standard specifications. Batteries with a capacity of up to 360 Ah can be used.

Mast.

Two capacities are offered: 1400 kg and 2000 kg.
There is a very wide range of masts to choose from: SIMPLEX, DUPLEX (with and without full free lift) and TRIPLEX (full free lift) masts, all offering excellent visibility. Masts are available with lift heights over 5300 mm (EGV-S 14) or over 4300 mm (EGV-S 20).

Tiller.

Two butterfly switches integrated into the tiller head control the lift and lower functions. They operate a proportional valve and thus guarantee sensitive lifting and lowering.
The tiller is manufactured as one lightweight, high-strength plastic moulding. Thanks to the ergonomic handle design and the optimised arrangement of the controls, the high lift pallet truck can be accurately steered and safely operated under all conditions. The switchgear uses proven and reliable membrane technology, which does away with mechanical contacts.

Driver's stand-on platform.

The platform surface is fitted with a soft rubber material with a non-slip surface, which guarantees the highest comfort and best possible safety. The platform step height is a very low 170 mm. Safety is built in to the design: as soon as the operator steps off the platform, it lifts, the truck goes into standby mode and cannot be driven.
The specially shaped protective side arms are encased in polyurethane foam and positioned at an ideal height to provide the operator with safe, comfortable and effective support when standing on the platform. Opening and closing the arms is quick and easy while being very safe and secure – thus providing an uncomplicated transition from stand-on to pedestrian mode and increasing the versatility of the truck.

Steering.

To keep the steering as light as possible, the tiller is power assisted. The force required for steering increases in proportion to the speed of the truck. When travelling round bends, the travel speed is automatically reduced – improving safety and maintaining lateral stability.

Drive.

The drive is provided by a motor with a rating of 1.2 kW. The motor is of the shunt-wound design and special software allows it to be controlled in such a way that the benefits of shunt wound technology are harnessed to maximum effect:
- Effective and safe control of the speed, whether laden, unladen or on ramps.
- Energy recovery, leading to reduced energy consumption.

Initial lift
- Increases the floor clearance to 135 mm making it possible to drive over uneven floors and changes of gradient
- At the same time allows a pallet with a maximum weight of 2000 kilograms to be carried

Brakes.

The high lift pallet truck has two independent brake systems:
- Service brake: generator brake operating on the drive motor (with energy feedback) and triggered electronically by releasing the butterfly switch.
- Parking brake: electromagnetic brake disc.

Combi controller for driving and hoisting.

The high lift pallet truck is equipped with a combi-controller with MOSFET technology, which is responsible for the control of both drive and pump motors. Thanks to the serial data transfer of the electrical signals, the reduced wiring and the use of automotive-style plugs, very high reliability levels are achieved. Proximity switches are used instead of mechanically operated micro-switches and this, together with the low number of switching contactors, completes a technical configuration designed to provide a dramatic reduction in operating costs. The steering motor control uses MOSFET technology.

Options.

- Various mast variants.
- Cold store version: -30°C.
- Drive wheel in smooth rubber (EGV - S 14 only).
- Adjustable forks (L shape) (EGV - S 14 only).
- Tandem load rollers (EGV - S 14 only).
- Load backrest.
- Integral 50 A charger.

Safety.

Trucks are built to the Machinery Guidelines 98 / 37 / EC and carry the CE symbol.
Still is certified to ISO 9001.

EGV-S.

This specification sheet to VDI Guidelines 2198 only gives the technical figures for the standard truck.
Different tyres, other masts, additional equipment etc. could give different figures.

Characteristics	1.1	Manufacturer			STILL	STILL	STILL
	1.2	Manufacturer's model designation			EGV -S14 SIMPLEX	EGV -S14 DUPLEX	EGV-S 20 TRIPLEX[8)]
	1.3	Drive: electric, diesel, petrol, LPG, mains electric			Electric	Electric	Electric
	1.4	Steering: Tiller, pedestrian, stand-on, sit-on, automatic			Tiller	Tiller	Tiller
	1.5	Capacity / load	Q	kg	1400	1400	2000
	1.6	Load centre	c	mm	600	600	600
	1.8	Load distance from centre of front axle	x	mm	711	711	706
	1.9	Wheel base	y	mm	1320	1320	1320
Weights	2.1	Truck weight (without. battery)		kg	785 [1)]	1013 [5) 8)] / 1027 [9)]	960 [6)]
	2.2	Axle load laden (front / rear)		kg	1578 / 867 [2)]	1655 / 1018 [2) 8)] / 1662 / 1025 [2) 9)]	2209 / 1011 [2)]
	2.3	Axle load unladen (front / rear)		kg	286 / 759 [2)]	364 / 909 [2) 8)] / 370 / 917 [2) 9)]	356 / 864 [3)]
Wheels | chassis	3.1	Tyres (rubber, SE, pneu., polyurethane)			polyurethane	polyurethane	polyurethane
	3.2	Tyre size, front		mm	85 x 90	85 x 90	85 x 70
	3.3	Tyre size, rear		mm	230 / 140	230 / 140	230 / 140
	3.5	Number of wheels front / rear (x = driven)			2 / 1x-1	2 / 1x-1	4 / 1x-1
	3.6	Track width, front	b_{10}	mm	380	380	380
	3.7	Track width, rear	b_{11}	mm	578	578	578
Basic dimensions	4.2	Height - mast lowered	h_1	mm	See mast table		
	4.3	Free lift	h_2	mm	See mast table		
	4.4	Lift height	h_3	mm	See mast table		
	4.5	Height - mast raised	h_4	mm	See mast table [13)]		
	4.6	Initial lift	h_5	mm	-	-	-
	4.9	Height – tiller in drive position	h_{14}	mm	1145 / 1342	1145 / 1342	1145 / 1342
	4.15	Height – forks lowered	h_{13}	mm	85	85	85
	4.19	Overall length (driver's platform up / down)	l_1	mm	2022 / 2355	2037 / 2370	2058 / 2391
	4.20	Length inc. fork backs (driver's platform up / down)	l_2	mm	877 / 1221	877 / 1221	902 / 1226
	4.21	Overall width	b_1	mm	860	860	860
	4.22	Fork dimensions	s / e / l	mm	66 / 188 / 1150	66 / 188 / 1150	61 / 200 / 1150
	4.24	Fork carriage width	b_3		640	640	640
	4.25	Overall fork width	b_5	mm	568	568	580
	4.32	Floor clearance, centre of wheel-base	m_2		29	29	29
	4.33	Working aisle width for 1000 x 1200 pallet crossways	A_{st}		2487 [4)] / 2798 [4)]	2487 / 2798 [4)] / 2487 / 2764 [4)]	2490 [4)] / 2801 [4)]
	4.34	Working aisle width for 800 x 1200 pallet lengthways	A_{st}	mm	2453 / 2764	2453 / 2764	2457 / 2768
	4.35	Turning radius	Wa	mm	1621 / 1932	1621 / 1932	1621 / 1932
Performance data	5.1	Travel speed laden / unladen		km / h	6.5 / 8	6.5 / 8	5 / 8
	5.2	Hoist speed laden / unladen		m / s	0.15 / 0.26	0.16 / 0.26 [5) 8)] / 0.15 / 0.23 [1) 9)]	0.10 [6)] / 0.17 [6)]
	5.3	Lowering speed laden / unladen		m / s	0.33 / 0.19	0.40 / 0.36 [5) 8)] / 0.35 / 0.26 [1)]	0.30 [6)] / 0.23 [6)]
	5.8	Gradeability KB5´ laden / unladen		%	5.5 / 9	5.5 / 9	3.9 / 9
	5.10	Service brake			Electric	Electric	Electric
E-motor	6.1	Drive motor, rating KB 60 min		kW	1.2	1.2	1.2
	6.2	Hoist motor, rating 15% ED		kW	2.2	2.2 [7) 8)] / 3.3 [8)] / 3 [9)]	2.2 / 3.3
	6.3	Battery to BS / DIN 43531 / 35 / 36 A, B, C			DIN cells	DIN cells	DIN cells
	6.4	Voltage, rated capacity		V / Ah	24 / 240 (315-375)	24 / 240 (315-375)	24 / 240 (315-375)
	6.5	Battery weight + / - 5%		kg	260 (295-304)	260 (295-302)	260 (295-302)
Misc	8.1	Drive control			Electronic	Electronic	Electronic
	8.4	Sound level at driver's ear		dB (A)	< 70	< 70	< 70

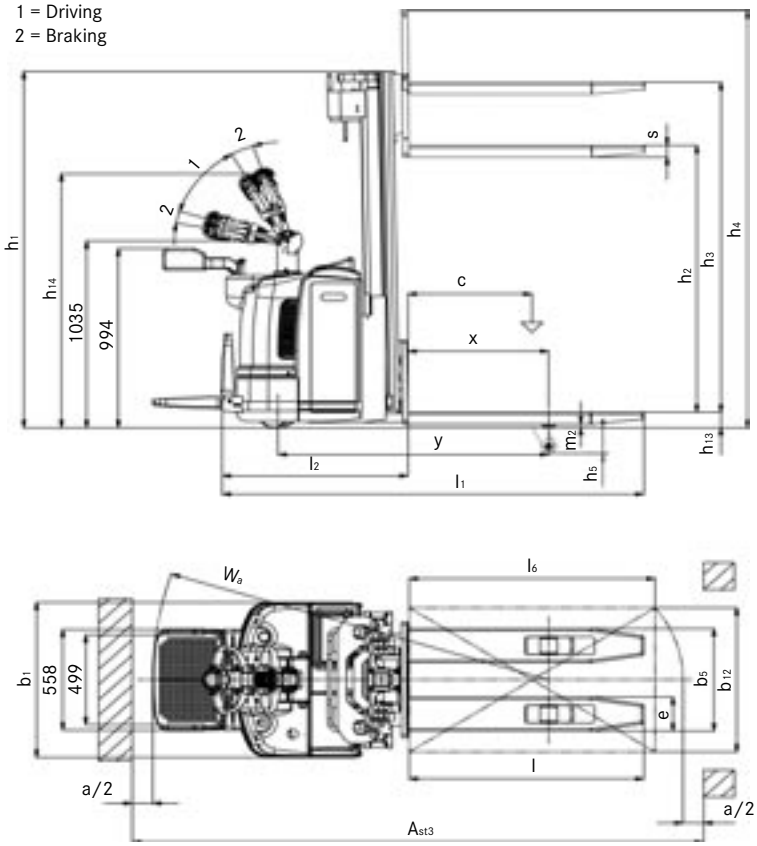
Braking 1400 kg					
Mast	h_3 mm	h_2 mm	Freihub	h_1 mm	h_4 mm
Simplex	1510	-	1510	1977	1995
	1810	-	1810	2282	2295
	2900	140	-	1977	3385
Duplex[8)]	3580	140	-	2327	4065
	4480	140	-	2777	4965
	2990	1492	1510	1977	3475
Duplex[9)]	3600	1842	1810	2327	4085
	4500	2292	2260	2777	4985
	4170	1392	1410	1877	4655
Triplex[9)]	4470	1492	1510	1977	4955
	4940	1660	-	2177	5425
	5390	1810	-	2377	5875

Capacity 2000 kg					
Mast	h_3 mm	h_2 mm	Freihub	h_1 mm	h_4 mm
Duplex[8)]	2900	90	-	1977	3407
	3580	90	-	2327	4087
Triplex[9)]	4170	1400	1410	1907	4677
	4380	1470	1480	1977	4887

1) Data related to mast with h_3 = 1810 mm.
2) With 240 Ah battery.
3) With load backrest + 490 mm.
4) With forks l = 1000 mm.
5) Data related to mast with h_3 = 4480 mm.
6) Data related to mast with h_3 = 3580 mm.
7) For h_3 <= 3580 mm
8) With small free lift.
9) With large free lift.

	STILL	STILL	STILL	STILL
	EGV-S14 TRIPLEX [9]	EGV-S20 TRIPLEX [17]	EGV-S14 LB	EGV-S20 LB
	Electric	Electric	Electric	Electric
	Tiller	Tiller	Tiller	Tiller
	1400	2000	1400 / 2000	2000 / 2000
	600	600	600	600
	690	685	645 [12] [20]	640 [12] [20]
	1320	1320	1359 [20]	1359 [20]
	1045 [5]	1113 [16]	1062 [17]	1105 [17]
	1695 / 1010 [2]	2301 / 1072 [12]	1619 / 1222 [17] [19]	2194 / 1289 [17] [19]
	381 / 924 [2]	417 / 956 [12]	358 / 1083 [17] [19]	382 / 1101 [17] [19]
	polyurethane	polyurethane	polyurethane	polyurethane
	85 x 90	85 x 70	85 x 70	85 x 70
	230/140	230 / 140	230 / 140	230 / 140
	2 / 1x-1	4 / 1x-1	4 / 1x-1	4 / 1x-1
	380	380	380	380
	578	578	578	578
			2332	2332
			140	90
			3580	3580
			4070	4092
	-	-	135	135
	1145 / 1342	1145 / 1342	1145 / 1342	1145 / 1342
	85	85	91	91
	2060 / 2393	2065 / 2398	2161 / 2485	2168 / 2492
	908 / 1242	914 / 1252	1007 / 1330	1012 / 1335
	860	860	860	860
	66 / 188 / 1150	61 / 200 / 1150	66 / 190 / 1150	61 / 200 / 1150
	640	640	680	680
	568	580	570	570
	29	29		
	2497 [4] / 2808 [4]	2499 [14] / 2810 [14]	2572 / 2870 [20]	25 / 160 [20]
	2470 / 2781	2474 / 2785	2559 / 2857 [20]	2575 / 2873 [20]
	1621 / 1932	1621 / 1932	1675 / 1973 [20]	1675 / 1973 [20]
	6.5 / 8	5 / 8	6.5 / 8	5 / 8
	0.15 [5] / 0.23 [5]	0.10 [16] / 0.17 [16]	0.16 / 0.26	0.10 / 0.17
	0.39 [5] / 0.29 [5]	0.28 [16] / 0.23 [16]	0.40 / 0.36	0.30 / 0.23
	5.5 / 9	3.9 / 9	3.6 / 8 [17] [18]	2.7 / 8 [17] [18]
	Electric	Electric	Electric	Electric
	1.2	1.2	1.2	1.2
	3	3	3	3
	DIN cells	DIN cells	DIN cells	DIN cells
	24 / 240 (315-375)	24 / 240 (315-375)	24 / 330 (375)	24 / 330 (375)
	260 (295-302)	260 (295-302)	288 (305)	288 (305)
	Electronic	Electronic	Electronic	Electronic
	< 70	< 70	< 70	< 70

1 = Driving
2 = Braking



11) Data related to mast with h_3 = 4500 mm.
12) With 240 Ah battery.
13) With load backrest +490 mm.
14) With forks l = 1000 mm.
15) Data related to mast with h_3 = 4470 mm.
16) Data related to mast with h_3 = 4380 mm.
17) With Duplex mast h_3 = 3580 mm and min. rated battery capacity (see battery weight Line 6.5).
18) Maximum gradeability dependent on the overall dimension 18.3%.
19) Data related to wheel arms not raised (h_5 = 0 mm).
20) Data related to wheel arms raised (h_5 = 135 mm).

Pedestrian high lift pallet truck.

Model.
The EGV has been specially developed for intensive tasks involving putting goods into and taking them out of stock at medium lift heights.

Chassis.
- The construction with four support points and the tiller fitted at the side guarantees high stability and at the same time a perfect view of the field of work when picking up and placing a load at a height.
- The drive unit and the support wheel remain within the truck frame, so that the driver‘s feet are better protected.
- The battery compartment is protected all round by steel sheets and designed for DIN batteries. As standard the battery is pulled out from the side
- The covers are made of impact-resistant heavy duty polyurethane and possess high-strength and elasticity enabling them to absorb heavy impacts without deformation.

Tiller.
- Consists of a new tiller head made of high-strength plastic material, manufactured in one piece, and a tiller arm made of profiled oval section tube, welded together using robot technology.
- The shape and fixing of the tiller are designed so that it can be operated comfortably by any size of person.
- The lightness of the tiller and its ease of operation enable the pallet truck to be used over a long period without fatiguing the operator. When the tiller is released it returns to the rest position without impact or kick-back, making for a safe working environment.
- Proportional control of the hoist and lowering movement, using a control on the tiller is provided as standard.

Drive.
- Shunt wound drive motor with a rating of 1 kW.
- The support wheel has a simple adjustment mechanism, guaranteeing optimal tyre grip and stability of the pallet truck under all conditions.

Mast.
- Duplex and Triplex masts are available, giving the best all-round vision; lift heights over 4300 mm.
- The masts are available with limited free lift of the forks or full free lift of the forks.
- The hydraulics use a powerful three kilowatt motor.

Initial lift.
- Increases the floor clearance to 135 mm making it possible to drive over uneven floors and changes of gradient.
- At the same time allows a pallet with a maximum weight of 2000 kilograms to be handled.

Brakes.
The high lift pallet truck has two independent braking systems:
- Service brake: generator brake operating on the drive motor (with energy feedback) and triggered electronically by releasing the butterfly switch.
- Parking brake: electromagnetic brake disc.

Electronic system.
- 24 volt DC supply.
- Electronic MOSFET combi-controller for drive and pump motor.
- The work hour meter incorporates an error message display.
- The new electronic system guarantees low energy consumption and quiet operation of the pallet truck. The control system prevents current peaks and thus protects the motors and the battery from premature wear.
- All electrical systems and cabling are to Enclosure Class IP 54 and protected against water splashes and the ingress of dust, guaranteeing years of reliability. Components from the automotive trade with an Enclosure Class of IP 67 are used for the connecting plugs.

Options.
- Cold store version: –30°C.
- Integral 50 A charger.
- Adjustable forks in L shape.
- Load backrest.

Safety.
Trucks are built to the Machinery Guidelines 98 / 37 / EC and carry the CE symbol.
Still is certified to ISO 9001.

This specification sheet to VDI Guidelines 2198 only gives the technical figures for the standard truck.
Different tyres, other masts, additional equipment etc. could give different figures.

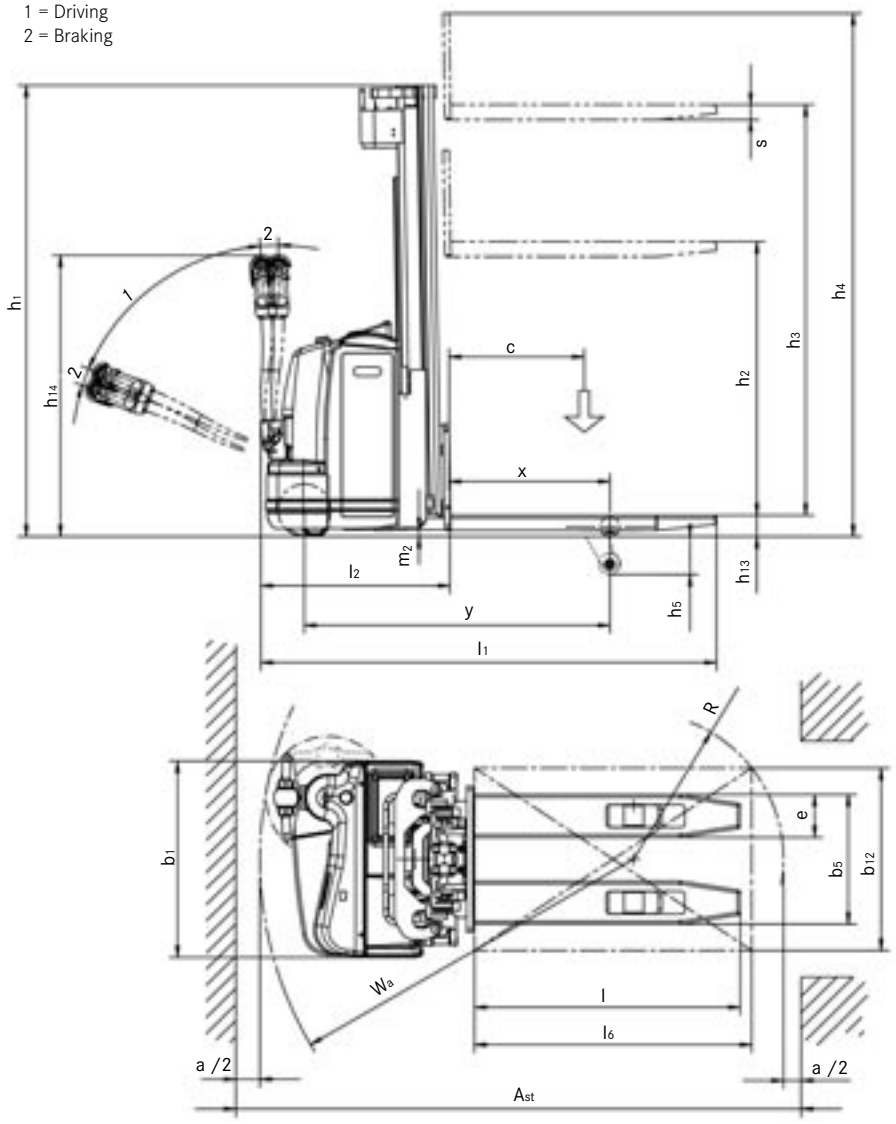
Characteristics	1.1	Manufacturer			STILL	STILL	STILL
	1.2	Manufacturer's model designation			EGV 20 DUPLEX [1]	EGV 20 TRIPLEX [2]	EGV 20 LB
	1.3	Drive: electric, diesel, petrol, LPG, mains electric			Electric	Electric	Electric
	1.4	Steering: Tiller, pedestrian, stand-on, sit-on, automatic			Tiller	Tiller	Tiller
	1.5	Capacity / load	Q	t	2.0	2.0	2.0
	1.6	Load centre	c	mm	600	600	600
	1.8	Load distance from centre of front axle with forks extended	x	mm	706	685	637 [9) 13)]
	1.9	Wheel base	y	mm	1323	1323	1359 [13)]
Weights	2.1	Truck weight (without. battery)		kg	877 [7)]	967 [6)]	1039 [10)]
	2.2	Axle load laden (front / rear)		kg	941 / 2231 [8)]	941 / 2298 [8)]	1092 / 2235 [10) 12)]
	2.3	Axle load unladen (front / rear)		kg	787 / 385 [8)]	840 / 422 [8)]	904 / 423 [10) 12)]
Wheels | chassis	3.1	Tyres (rubber, SE, pneu., polyurethane)			polyurethane	polyurethane	polyurethane
	3.2	Tyre size, front		mm	230 / 120	230 / 120	230 / 120
	3.3	Tyre size, rear		mm	85 x 70	85 x 70	85 x 70
	3.5	Number of wheels front / rear (x = driven)			1 x -1 / 4	1 x -1 / 4	1 x -1 / 4
	3.6	Track width, front	b_{10}	mm	574	574	574
	3.7	Track width, rear	b_{11}	mm	380	380	380
Basic dimensions	4.2	Height, mast lowered	h_1				2332
	4.3	Free lift	h_2				90
	4.4	Lift height	h_3	mm			3580
	4.5	Height, mast raised	h_4	mm			4092 [3)]
	4.6	Initial lift	h_5	mm	-	-	135
	4.9	Height - tiller in drive position	h_{14}	mm	762 / 1232	760 / 1232	762 / 1232
	4.15	Height forks lowered	h_{13}	mm	85	85	91
	4.19	Overall length	l_1	mm	1956	1977	2053
	4.20	Length inc. fork backs	l_2	mm	794 [4)]	815 [4)]	903
	4.21	Overall width, chassis	b_1	mm	860	860	860
	4.22	Fork dimensions	s / e / l	mm	61 / 200 / 1150	61 / 200 / 1150	61 / 200 / 1150
	4.24	Fork carriage width	b_3	mm	680	680	680
	4.25	Overall fork width	b_5	mm	570	570	570
	4.32	Floor clearance, centre of wheel-base	m_2	mm	29	29	-
	4.33	Working aisle width for 1000x1200 pallet crossways	A_{st}		2454 [4)]	2463 [4)]	2559 [4)]
	4.34	Working aisle width for 800x1200 pallet lengthways	A_{st}	mm	2421 [4)]	2438 [4)]	2550 [4)]
	4.35	Turning radius	Wa	mm	1585	1585	1655 [4) 13)]
Performance data	5.1	Travel speed laden / unladen		km / h	5 / 6	5 / 6	5 / 6
	5.2	Hoist speed laden / unladen		m / s	0.10 [7)] / 0.17 [7)]	0.10 [6)] / 0.17 [6)]	0.10 / 0.17
	5.3	Lowering speed laden / unladen		m / s	0.30 [7)] / 0.23 [7)]	0.28 [6)] / 0.23 [6)]	0.30 / 0.23
	5.8	Gradeability KB5´ laden / unladen		%	2.8 [7) 8)] / 9.0 [5) 7) 8)]	2.6 [6) 8)] / 9.0 [5) 6)]	2.4 [10)] / 10.6 [10) 12)]
	5.10	Service brake			Electromagnetic	Electromagnetic	Electromagnetic
E-motor	6.1	Drive motor, rating KB 60 min		kW	1	1	1
	6.2	Hoist motor, rating 15% ED		kW	3	3	3
	6.3	Battery to BS / DIN 43531 / 35 / 36 A, B, C,			DIN elements	DIN elements	DIN 43535 B
	6.4	Voltage, rated capacity		V / Ah	24 / 315 (375)	24 / 315 (375)	24 / 330 (375)
	6.5	Battery weight +/- 5%		kg	295 (302)	295 (302)	288 (305)
Misc	8.1	Drive control			Electronic	Electronic	Electronic
	8.4	Sound level at driver's ear		dB (A)	< 70	< 70	< 70

1) With limited free lift.
2) With full free lift.
3) With load backrest + 490 mm.
4) With tiller vertical – 45 mm.
5) Maximum gradeability related to truck geometry unladen.
6) Data related to mast with h_3 = 4380 mm.
7) Data related to mast with h_3 = 3580 mm.
8) With 315 Ah battery.
9) –20 mm with Triplex mast and full free lift.
10) With Duplex mast h_3 = 3580 mm and min. rated battery capacity (see battery weight Line 6.5).
11) Maximum gradeability dependent on the overall dimension 18.3%.
12) Data related to wheel arms not raised (h_5 = 0 mm).
13) Data related to wheel arms raised (h_5 = 135 mm).

Mast				
	h_3 mm	h_2 mm	h_1 mm	h_4 mm
Duplex	2900	90	1977	3407
	3580	90	2327	4087
Triplex	4380	1480	1977	4887

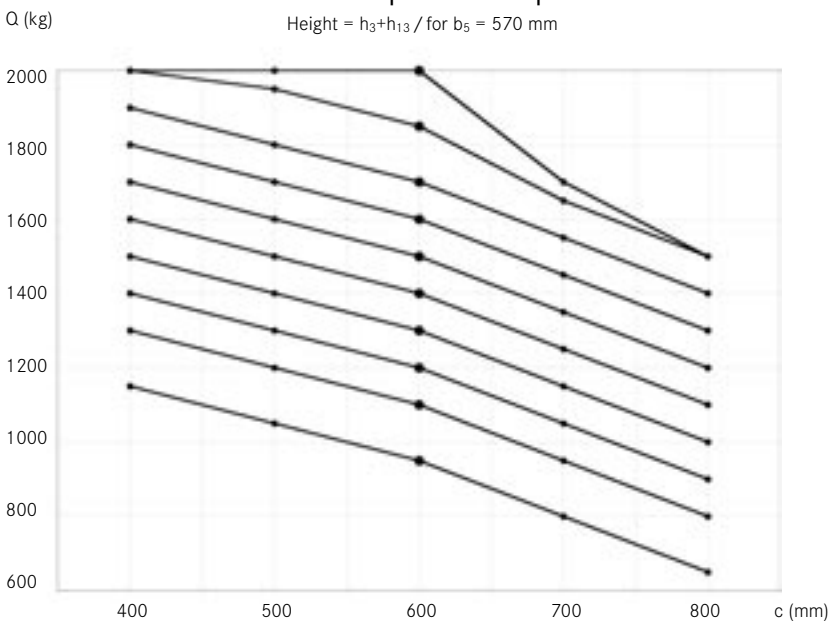
Pedestrian high lift pallet truck.

1 = Driving
2 = Braking



EGV 20 Duplex and Triplex.

Height = h_3+h_{13} / for b_5 = 570 mm



Pedestrian high lift pallet truck.

Model.
The EGP is a wide-straddle design of high lift pallet truck. There are three wheel arm clear widths available (850, 1050 and 1250 mm) with which it is possible to lift virtually all load carriers. These are usually pallets, but also boxes or containers which are used in industry.

Chassis.
- The construction with four support points and the tiller fitted at the side guarantees high stability and at the same time a perfect view of the field of work when picking up and putting down a load at a height.
- The drive unit and the support wheel remain within the truck frame, so that the driver‘s feet are better protected.
- The battery compartment is protected all round by steel sheets and designed for DIN batteries. As standard the battery is pulled out from the side.
- The covers are made of impact-resistant heavy duty polyurethane and possess high-strength and elasticity enabling them to absorb heavy impacts without deformation.

Tiller.
- Consists of a new tiller head made of high-strength plastic material, manufactured in one piece, and a tiller arm made of profiled oval section tube, welded together using robot technology.
- The shape and fixing of the tiller are designed so that it can be operated comfortably by any size of person.
- The lightness of the tiller and its ease of operation guarantee that the pallet truck can be used over a long period without fatiguing the operator. When the tiller is released it returns to the rest position without impact or kick-back, making for a safe working environment.
- Proportional control of the hoist and lowering movement, using a control on the tiller, is provided as standard.

Drive.
- Shunt wound drive motor with a rating of 1 kW.
- The support wheel has a simple adjustment mechanism, guaranteeing optimal tyre grip and stability of the pallet truck under all conditions.

Mast.
- Duplex and Triplex masts are available, giving the best all-round vision; lift heights over 5300 mm.
- The masts are available with a limited free lift of the forks or full free lift of the forks.
- FEM 2B fork carriage with adjustable forks.
- The hydraulics use a powerful three kilowatt motor.

Brakes.
The high lift pallet truck has two independent braking systems:
- Service brake: generator brake operating on the drive motor (with energy feedback) and triggered electronically by releasing the butterfly switch.
- Parking brake: electromagnetic brake disc.

Electronic system.
- 24 volt DC supply.
- Electronic MOSFET combi-controller for drive and pump motor.
- Work hour meter incorporating an error message display.
- The new electronic system guarantees low energy consumption and quiet operation of the pallet truck. The control system prevents current peaks and thus protects the motors and the battery from premature wear.
- All electrical systems and cabling are to Enclosure Class IP 54 and protected against water splashes and the ingress of dust, guaranteeing years of reliability. Components from the automotive trade with an Enclosure Class of IP 67 are used for the connecting plugs.

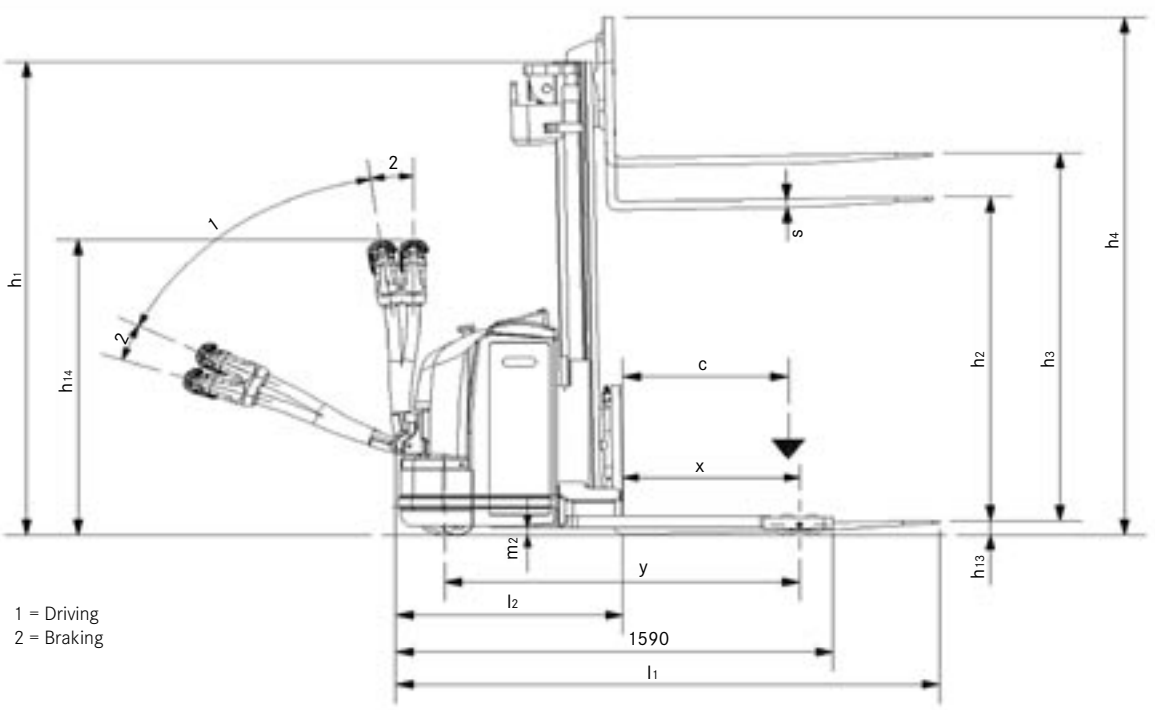
Options.
- Cold store version, –30°C.
- Integral 50 A charger.
- Load backrest.
- Driving with tiller vertical.

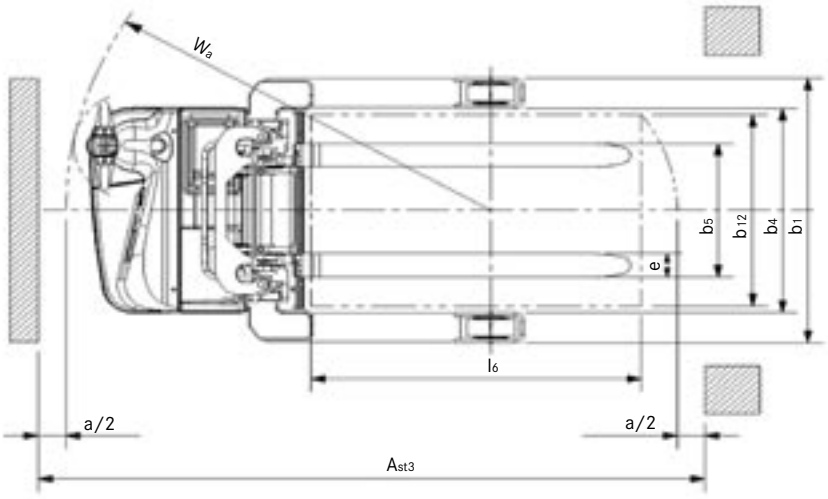
This specification sheet to VDI Guidelines 2198 only gives the technical figures for the standard truck.
Different tyres, other masts, additional equipment etc. could give different figures.

Characteristics	1.1	Manufacturer				STILL	STILL
	1.2	Manufacturer's model designation				EGP 14	EGP 20
	1.3	Drive: electric, diesel, petrol, LPG, mains electric				Electric	Electric
	1.4	Steering: Tiller, pedestrian, stand-on, sit-on, automatic				Tiller	Tiller
	1.5	Capacity / load		Q	kg	1.4	2.0
	1.6	Load centre		c	mm	600	600
	1.8	Load distance from centre of front axle with forks extended		x	mm	621 [1)]	606 [1)]
	1.9	Wheel base		y	mm	1291	1291
Weights	2.1	Truck weight (without. battery)			kg	1108	1157
	2.2	Axle load laden	(front / rear)		kg	897 / 1871	866 / 2586
	2.3	Axle load unladen	(front / rear)		kg	901 /467	946 / 506
Wheels | chassis	3.1	Tyres (rubber, SE, pneu., polyurethane				polyurethane	polyurethane
	3.2	Tyre size, front			mm	230 / 120	230 / 120
	3.3	Tyre size, rear			mm	85 x 90	85 x 70
	3.5	Number of wheels front / rear (x = driven)				1 x -1 / 2	1 x -1 / 4
	3.6	Track width, front		b_{10}	mm	574	574
	3.7	Track width, rear		b_{11}	mm	980 / 1180 / 1380	980 / 1180 / 1380
Basic dimensions	4.2	Height, mast lowered		h_1	mm	2377	1977
	4.3	Free lift		h_2	mm	1810	1470
	4.4	Lift height		h_3	mm	5390	4380
	4.5	Height, mast raised		h_4	mm	5875 [2)]	4887 [2)]
	4.6	Initial lift		h_5	mm	-	-
	4.9	Height - tiller in drive position		h_{14}	mm	762 / 1232	762 / 1232
	4.15	Height forks lowered		h_{13}	mm	40	50
	4.19	Overall length		l_1	mm	1997 [3)]	2012 [3)]
	4.20	Length inc. fork backs		l_2	mm	847 [3)]	862 [3)]
	4.21	Overall width, chassis		b_1	mm	1107 / 1307 / 1507	1107 / 1307 / 1507
	4.22	Fork dimensions		s / e / l	mm	35 / 100 / 1150	45 / 130 / 1150
	4.24	Fork carriage width		b_3	mm	820 [7)]	820 [7)]
	4.25	Overall fork width		b_5	mm	400 / 720	430 / 750
	4.26	Width between wheel arms		b_4	mm	853 / 1053 / 1253	853 / 1053 / 1253
	4.32	Floor clearance, centre of wheel-base		m_2	mm	30	30
	4.33	Working aisle width for 1000x1200 pallet crossways		A_{st}	mm	2508 [3) 4)]	2515 [3) 4)]
	4.34	Working aisle width for 800x1200 pallet lengthways		A_{st}	mm	2496 [3) 4)]	2508 [3) 4)]
	4.35	Turning radius		Wa	mm	1588 [4)]	1588 [4)]
Performance data	5.1	Travel speed	laden / unladen		km / h	5.5 / 6	5 / 6
	5.2	Hoist speed	laden / unladen		m / s	0.12 / 0.24	0.10 / 0.17
	5.3	Lowering speed	laden / unladen		m / s	0.40 / 0.32	0.40 / 0.36
	5.7	Gradeability KB5´	laden / unladen		%	1.2 / 6.3	0.5 / 6.5
	5.8	Max. gradeability KB30´	laden / unladen		%	4.1 / 9.0 [5)]	2.8 / 9.0 [5)]
	5.10	Service brake				Electric	Electric
E-motor	6.1	Drive motor, rating KB 60 min			kW	1	1
	6.2	Hoist motor, rating 15% ED			kW	2.2 / 3 [6)]	3
	6.3	Battery to BS / DIN 43531 / 35 / 36 A, B, C				DIN elements	DIN elements
	6.4	Voltage, rated capacity			V / Ah	24 / 240-375	24 / 240-375
	6.5	Battery weight + / - 5%			kg	260-300	260-300
Misc	8.1	Drive control				Electronic	Electronic
	8.4	Sound level at driver's ear			dB (A)	< 70	< 70

1) With Tele and Hilo mast +21 mm.
2) With load back rest, h_4 + 543 mm for EGP 14, h_4 + 537 mm for EGP 20.
3) With Simplex and Duplex mast -21 mm.
4) With tiller vertical -45 mm.
5) Maximum gradeability related to truck geometry.
6) 2.2 kW only on EGP 14 Simplex and Tele up to h_3 = 3580 mm.
7) b_3 = 980 mm when width between wheel arms b_{13} = 1380 mm.

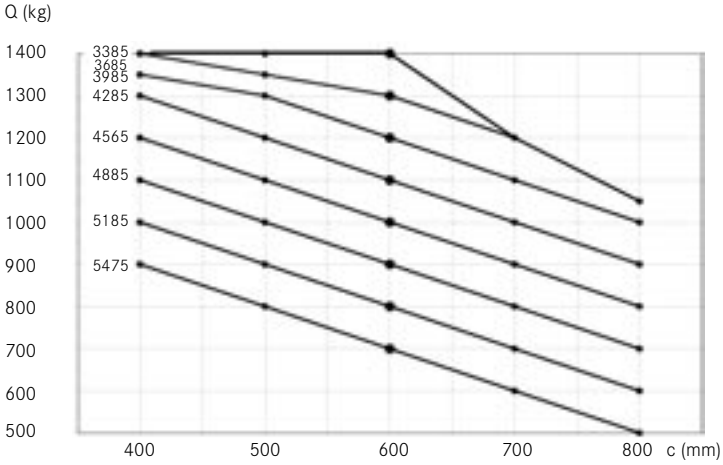
	EGP 14											EGP 20		
	Simplex	Tele				HiLo		Triplex				Tele		Triplex
h_3	1510	2900	3580	3980	4480	2990	3600	4170	4470	4940	5390	2900	3580	4380
h_1	1977	1977	2327	2527	2777	1977	2327	1877	1977	2177	2327	1977	2327	1977
h_2	1351	140	140	140	140	1351	1701	1251	1351	1551	1701	90	90	1351
h_4	2136	3526	4206	4606	5106	3616	4226	4796	5096	5566	6016	3526	4206	5006





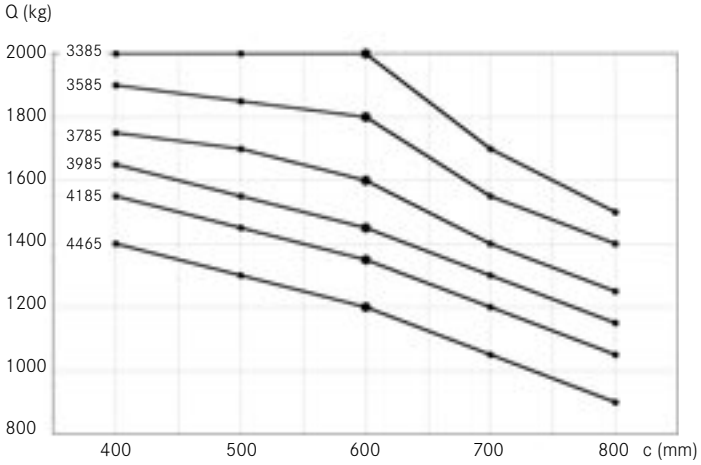
EGP 14 Duplex and Triplex.

Height = $h_3 + h_{13}$



EGP 20 Duplex and Triplex.

Height = $h_3 + h_{13}$



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