EGU

Technical Data

Pedestrian Low Lift Pallett Truck

Low lift pallet truck with driver's stand-on platform

STILL
Making the right moves.

Pedestrian Low Lift Pallett Truck

Design

- Modern functional design and optimal ergonomics make the EGU range an attractive proposition for a wide variety of applications.
- The cover, made of extremely sturdy polyurethane (RIM = Reaction Injection Moulding) features a raised edge which provides convenient storage for a variety of items.
- The sturdy chassis, made of thick steel plate, is a match for the hardest of applications.

Steering

- Light operation allows manoeuvring in the tightest space.
- When released, the balanced, user-friendly tiller handle returns automatically to the vertical braking position by means of a gas spring.
- Sprung idler castors provide a high level of lateral stability when travelling round bends or running empty, and the stable characteristics on a ramp are retained.

Tiller

- Tiller head made of extremely strong, impact-resistant plastic.
- Ergonomic layout of the controls. Push buttons for the horn, hoist and lower can be operated with one hand. Extremely convenient for a left handed operator.
- Wear-free switching technology for travel, hoist and lower functions.
- Anatomically shaped impact switch in the tiller head prevents the operator getting trapped even when the tiller is almost vertical. The EGU will switch automatically from forward to backward travel when the impact switch touches the operator. In this way the truck automatically moves away from the operator and then comes to a stop.

Drive

- Comfortable, economical and hence cost saving operation thanks to the electronic controller with MOSFET technology, fitted as standard.
- Responsive driving characteristics, independent of the load, thanks to the externally excited shunt wound motor.
- The trucks will start smoothly and accelerate evenly up to maximum speed.
- The truck is braked when driving by releasing the drive switch or by plugging. The externally excited motor acts as a generator and is used to recover energy when braking.
- When starting on a gradient, or if the drive switch is released or put into neutral, the controller and the drive respectively come immediately into effect and thus prevent uncontrolled rolling back.

Hydraulic system

- Compact pump and motor unit with a built in oil tank, solenoid valve, lowering control valve and maximum pressure valve, acts on the centrally mounted lift cylinder with hoist cut-out.

Brake system

- The brakes comprise two independent systems – a solenoid operated disc brake on the drive for parking, and generator braking through the drive during use.
- Braking is automatic when the tiller is horizontal or vertical (deadman braking).

Battery

- Advanced drive controller technology and reduced energy requirement allows the use of batteries with a lower Ah capacity whilst at the same time giving longer work cycles. The battery is easily accessible and can be changed using a hoist or to the side for two or three shift operation.
- A battery changing trolley can be used on models with a smaller battery.

Options

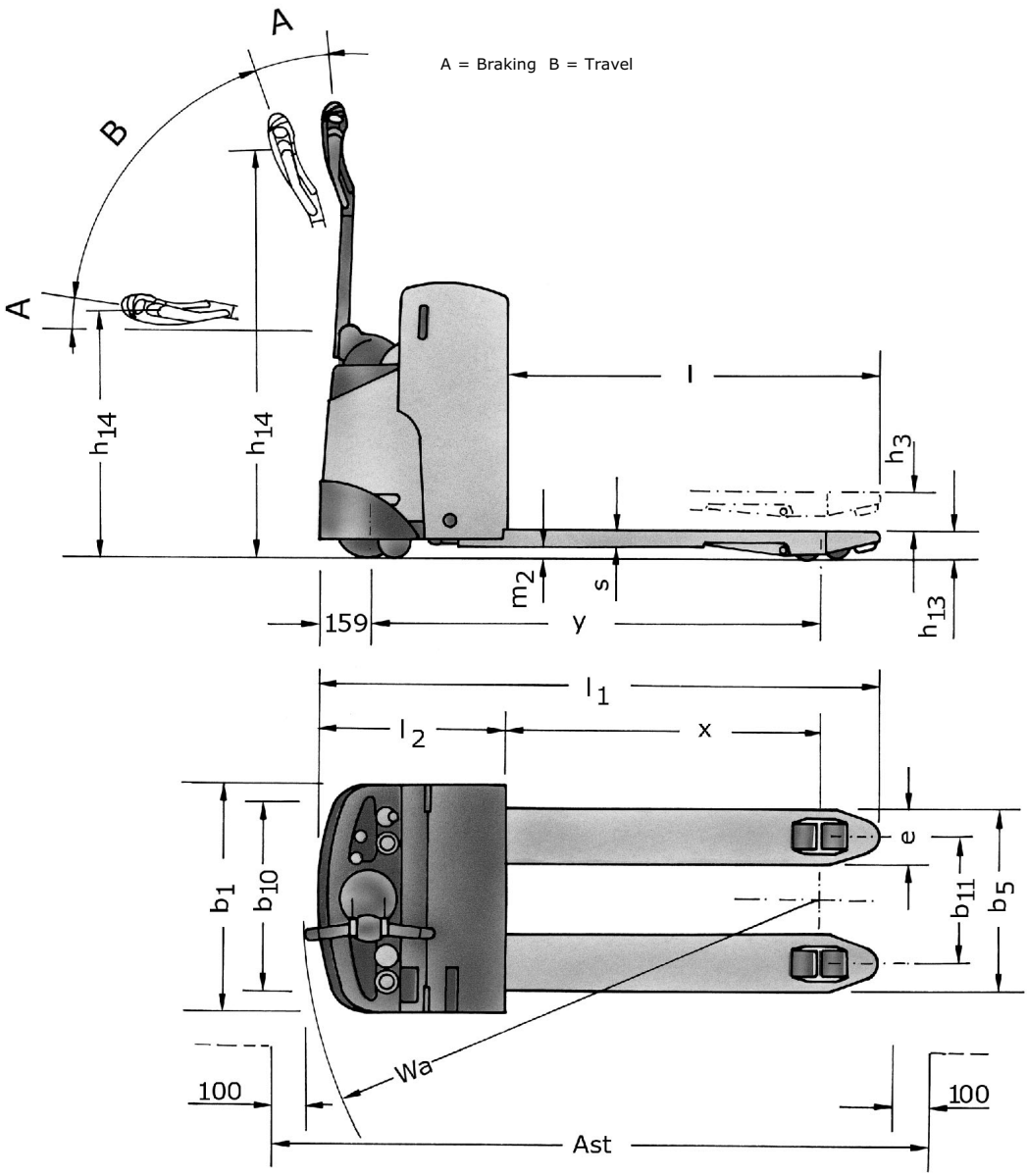
- On-board charger.
- Tandem load rollers (standard on the EGU 20).
- Combi-instrument to display battery state of charge and operating hours (standard on the EGU 20).
- Special fork lengths and overall fork widths.
- Battery compartment with roller track and side door on the EGU 20.
- Various battery capacities (160–330 Ah).

Safety

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

The EGU is a true professional on ramps, as even after releasing the drive switch, it “sticks” to the slope in practically all situations – and therefore there is no roll-back.

The EGU is outstandingly suitable for horizontal transport and can be operated with no specialist knowledge.


A = Braking B = Travel
A
B
A
h14
h14
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h3
m2
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159
y
h13
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x
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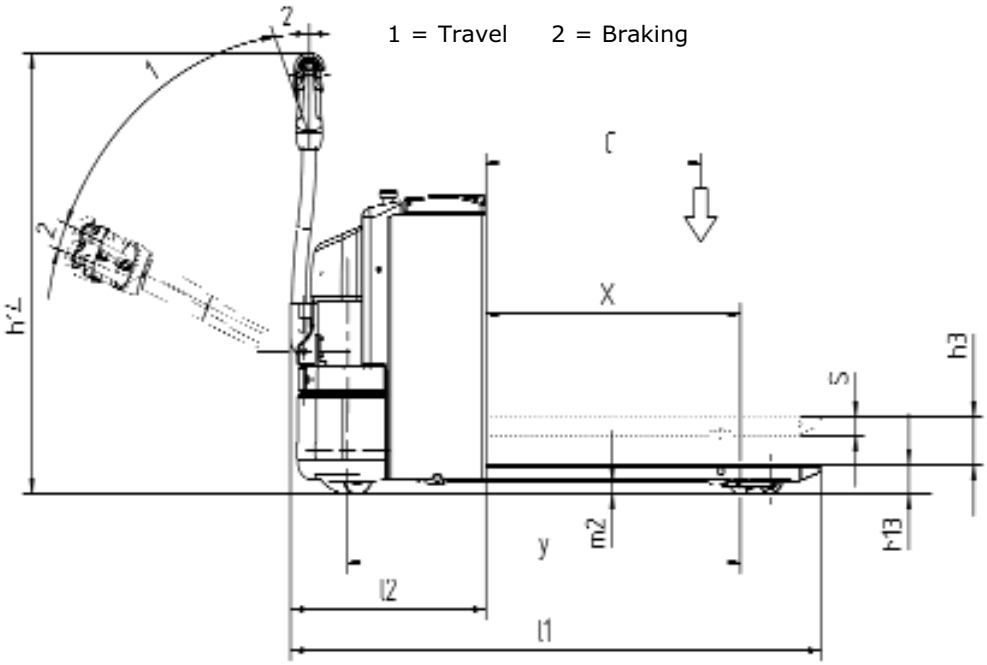
b1
b10
b11
b5
Wa
100
100
Ast

In accordance with VDI guidelines 2198, this specification applies to the standard model only.
Alternative tyres, mast types, ancilliary equipment, etc. could result in different values.

Characteristics	1.1	Manufacturer				STILL	STILL	STILL
	1.2	Manufacturer's model designation				EGU 16	EGU 18	EGU 20
	1.3	Power supply (electric, diesel, petrol, gas, mains electric)				electric	electric	electric
	1.4	Type of control (hand, pedestrian, stand-on, rider seated, order picker)				pedestrian	pedestrian	pedestrian
	1.5	Capacity/load		Q	(kg)	1600	1800	2000
	1.6	Load centre		c	(mm)	600	600	600
	1.8	Load distance		x	(mm)	966	966	966
	1.9	Wheelbase		y	(mm)	1320	1320	1390
Weight	2.1	Weight (inc. battery)			kg	440	480	505
	2.2	Axle loadings laden	drive end/load end		kg	750/1290	880/1400	960/1545
	2.3	Axle loadings unladen	drive end/load end		kg	360/80	390/90	405/100
Wheels, tyres	3.1	Tyres (rubber, Vulkollan, pneumatic, polyurethane)				polyurethane	polyurethane	polyurethane
	3.2	Tyre size	drive end		mm	Ø 230 x 75	Ø 230 x 75	Ø 230 x 75
	3.3	Tyre size	load end		mm	Ø 85 x 100	Ø 85 x 100	Ø 85 x 80
	3.4	Support rollers			mm	Ø 100 x 40	Ø 100 x 40	Ø 100 x 40
	3.5	Wheels, number (x=drive wheel)	drive end/load end			1x-2/2	1x-2/2	1x-2/4
	3.6	Track width (front)	drive end	b_{10}	(mm)	467	467	467
	3.7	Track width (rear)	load end	b_{11}	(mm)	390	390	390
Dimensions	4.4	Lift height		h_3	(mm)	120	120	120
	4.9	Height of tiller in drive position	min./max.	h_{14}	(mm)	765/1285	765/1285	765/1285
	4.15	Height lowered		h_{13}	(mm)	85	85	85
	4.19	Overall length without load		l_1	(mm)	1660	1660	1732
	4.20	Length to front face of fork		l_2	(mm)	510	510	582
	4.21	Overall width		b_1	(mm)	700	700	700
	4.22	Fork dimensions		$s/e/l$	(mm)	52/170/1150	52/170/1150	52/170/1150
	4.25	Overall fork width		b_5	(mm)	560	560	560
	4.32	Floor clearance, centre of wheelbase		m_2	(mm)	33	33	33
	4.34	Working aisle width, with 800 x 1200 lengthwise [1]		Ast	(mm)	1967	1964	2037
	4.35	Outer turning radius		Wa	(mm)	1533	1533	1603
Performance	5.1	Speed	laden/unladen		km/h	6.0/6.0	6.0/6.0	6.0/6.0
	5.2	Lifting speed	laden/unladen		s	3.0/2.2	3.0/2.2	3.0/2.2
	5.3	Lowering speed	laden/unladen		s	3.0/3.0	3.0/3.0	3.0/3.0
	5.8	Gradeability	laden/unladen		%	10/20	10/20	10/20
	5.9	Acceleration time (over 10 m)	laden/unladen		s	8.0/7.4	8.0/7.4	8.0/7.4
	5.10	Brakes				electro-magnetic	electro-magnetic	electro-magnetic
Electric Motors	6.1	Drive motor, rating S2 = 60 min.			kW	1.2	1.2	1.2
	6.2	Hoist motor, rating S3 = 15%			kW	2.0	2.0	2.0
	6.3	Battery to IEC 254-2; A, B, C, no				nein	nein	IEC 254-2; B
	6.4	Battery voltage, capacity K_5			V/Ah	24/160	24/180	24/240 L [2]
	6.5	Battery weight +/- 5% (dependent on manufacturer)			kg	155	195	220
	6.6	Energy consumption according to VDI cycle			kWh/h	0.33	0.37	0.39
Other	8.1	Drive control				electronic	electronic	electronic
	8.4	Noise peak at operator's ears			dB (A)	68	68	68

1) Aisle width Ast includes 200 mm operating clearance
2) DIN-battery 24 V/330 L Ah possible. Dimensions l_2, l_1, Ast, Wa, y = increased by 62 mm

EGU 30


1 = Travel 2 = Braking
2
1
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X
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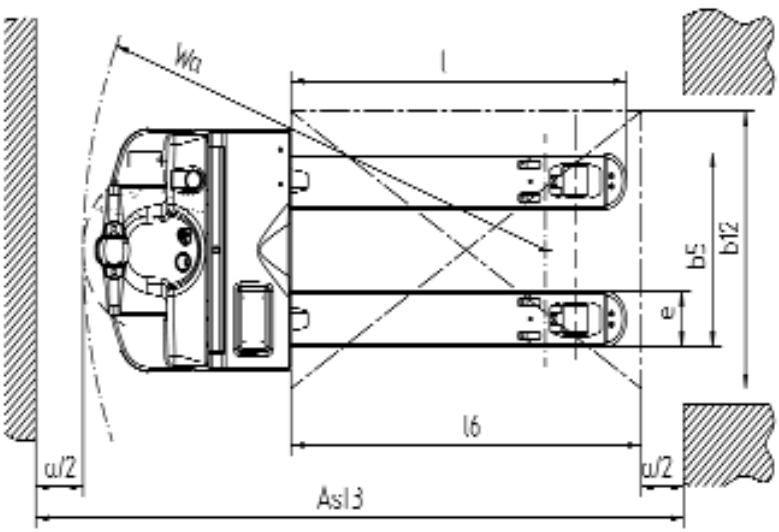
Wa
l
b5
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l6
a/2
a/2
Asl3

In accordance with VDI guidelines 2198, this specification applies to the standard model only.
Alternative tyres, mast types, ancilliary equipment, etc. could result in different values.

Characteristics	1.1	Manufacturer			STILL
	1.2	Model designation			EGU 30
	1.3	Power: battery. diesel, LPG, electric mains			electric
	1.4	Operation (manual, pedestrian, stand.on, seated, orderpicker)			pedestrian
	1.5	Load capacity	Q	(t)	3.0
	1.6	Load centre	c	(mm)	600[1]
	1.8	Load distance	x	(mm)	872
	1.9	Wheelbase	y	(mm)	1347[2] 1419[3]
Weight	2.1	Unladen weight		kg	354[2] 363[3]
	2.2	Axle loading with load (front/rear)		kg	1037 / 2529 (1043 / 2531)[2] 1065 / 2586 (1077 / 2591)[3]
	2.3	Axle loading without load (front/rear)		kg	432 / 134 438 / 136)[2] 490 / 161 (503 / 165)[3]
Wheels, tyres	3.1	Tyres Rubber, Pneumatic shaped solid, Pneumatic, Polyurethane			polyurethane
	3.2	Tyre size, front		mm	250 / 100
	3.3	Tyre size,rear		mm	85 X 70
	3.5	Wheels, number front/rear (x = driven)			1x-2 / 4
	3.7	Track width, rear	b_{11}	(mm)	358 / 398 / 488
Dimensions	4.4	Lift height	h_3	(mm)	135
	4.9	Height of tiller arm in working position min./max.	h_{14}	(mm)	782 / 1252
	4.15	Lowered height	h_{13}	(mm)	85
	4.19	Overall length	l_1	(mm)	1819 1891
	4.20	Length to face of forks	l_2	(mm)	671 743
	4.21	Overall width	b_1	(mm)	710
	4.22	Fork dimensions	$s/e/l$	(mm)	50 / 162 / 1150[4]
	4.25	Outside fork width	b_5	(mm)	520 / 560 / 650
	4.32	Ground clearance centre of wheelbase	m_2	(mm)	168
	4.33	Aisle width with pallets 1000 x 1200 crossways	Ast_3	(mm)	1912[6] 1984[6]
	4.34	Aisle width with pallets 800 x 1200 lengthwise	Ast_3	(mm)	2112 2184
	4.35	Turning radius	Wa	(mm)	1584 1656
Performance	5.1	Travel speed with/without load		km/h	6/6
	5.2	Lift speed with/without load		m/s	0.03 / 0.076
	5.3	Lowering speed with/without load		m/s	0.045
	5.8	Max. gradeability KB 5' (with/without load)		%	7 / 20[5]
	5.10	Service brake			electric at butterfly release
Electric Motors	6.1	Drive motor, S2 60 minute rating		kW	2.5
	6.2	Lifting motor, S3 15% rating		kW	1.8
	6.3	Battery DIN 43531/35/36 A, B, C, no			DIN 43535 B
	6.4	Battery voltage/capacity at 5 hour rate		V / Ah	24 / 220 (250) 24 / 330 (375)
	6.5	Battery weight		kg	212 (220) 288 (305)
Other	8.1	Drive control			electronic
	8.4	Average noise lebel, driver's ear		dB (A)	< 70

(1) Values referred to fork length l = 1150 mm
(2) With DIN 24 V / 220 Ah (250 Ah) compact battery
(3) With DIN 24 V / 330 Ah (375 Ah) large battery
(4) Refer to enclosed table for different fork length
(5) Max gradeability value referred to truck design with forks lifted without load
(6) With forks l = 980 mm

Electric low lift pallet truck with order picking lift

Steering

- Light operation allows manoeuvring in the tightest space.
- When released, the tiller arm returns automatically to the vertical braking/parking position, assisted by a gas strut.
- Spring-loaded idler castors give a high level of lateral stability for cornering and when running unladen.

Controls

- Functional, up-to-the-minute design makes for optimal ergonomics and simple, safe operation.
- All operating controls are light and responsive, giving easy, user friendly operation with the greatest safety. All controls are mounted on the tiller head which is designed to allow one-handed operation with either hand.
- The tiller head carries the controls for

forward and backward travel, fork hoist and lower, order picking lift and also the horn.

- Key switch and battery plug are within easy reach yet well protected.

Safety

- The tiller arm curvature is designed so that the impact plate faces the operator even when the tiller is almost vertical. When the safety impact switch in the tiller head is actuated by touching the operator, the truck automatically reverses and will stop as soon as the impact switch is released. The truck cannot be started again until the system has been reactivated by releasing the butterfly switch.

Drive

- Smooth, economical and hence cost saving operation thanks to the electronic controller with MOSFET technology, fitted as standard.
- The truck starts smoothly and accelerates evenly up to maximum travel speed.
- Perfect control on gradients gives easy starting and controlled descent – no uncontrolled rolling back – for maximum safety.
- Externally excited drive motor with high frequency MOSFET controller means the truck operates at full performance regardless of load.
- Energy recovery via the motor during braking extends the work cycle.

Hydraulic system

- Compact pump and motor unit with built in oil tank, solenoid valve, lowering control valve and maximum pressure valve, acts on the centrally mounted lift cylinder with hoist cut-out.

Brake system

- Service braking (automatically actuated when the drive switch is released) is achieved by generator braking through the drive.
- Parking and emergency brake are engineered as a solenoid operated disc brake on the drive. Braking occurs when the tiller is vertical or horizontal (deadman braking).

Battery

- Reduced energy requirement resulting from advanced drive controller technology allows the use of batteries with a lower Ah capacity even with extended shifts. The battery is easily accessible and can be changed with a hoist. Battery capacities up to 200 Ah are possible.

Options

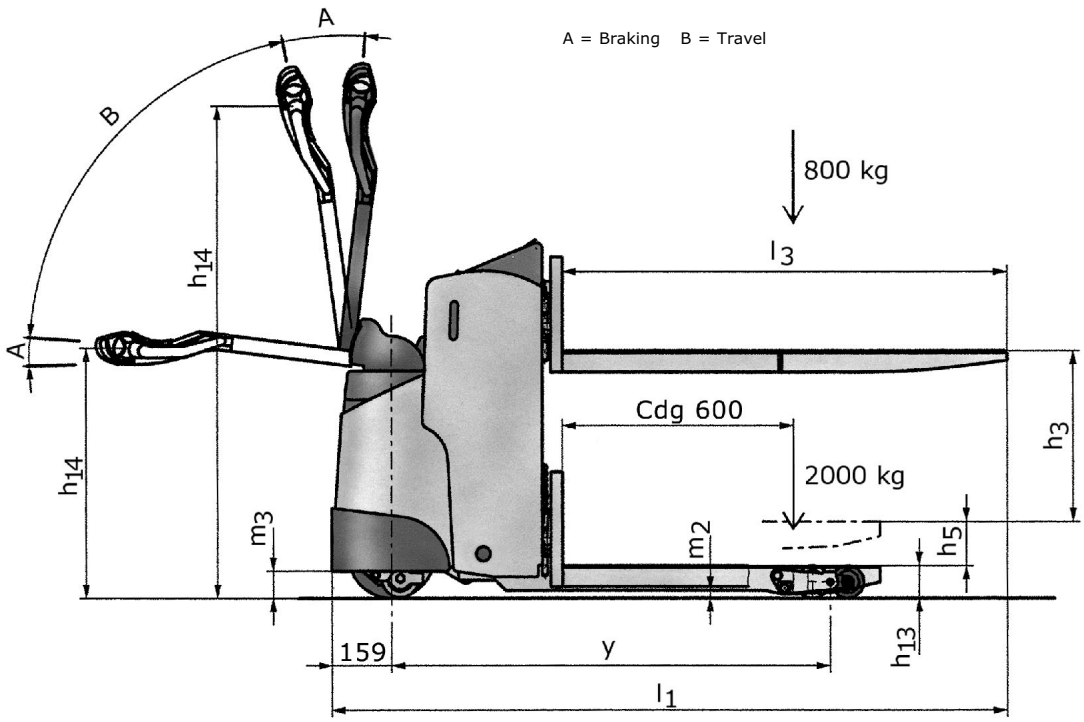
- Lowering platform
- Combi-instrument to display operating hours and battery charge state
- Special sizes for overall fork widths and fork lengths
- Load backrest with storage facility
- On-board charger
- Cold store protection to –30 °C

Safety

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

The EGU-H is the ideal machine for retail outlets, discount stores and supermarkets.

EGU-H


A
B
A = Braking B = Travel
800 kg
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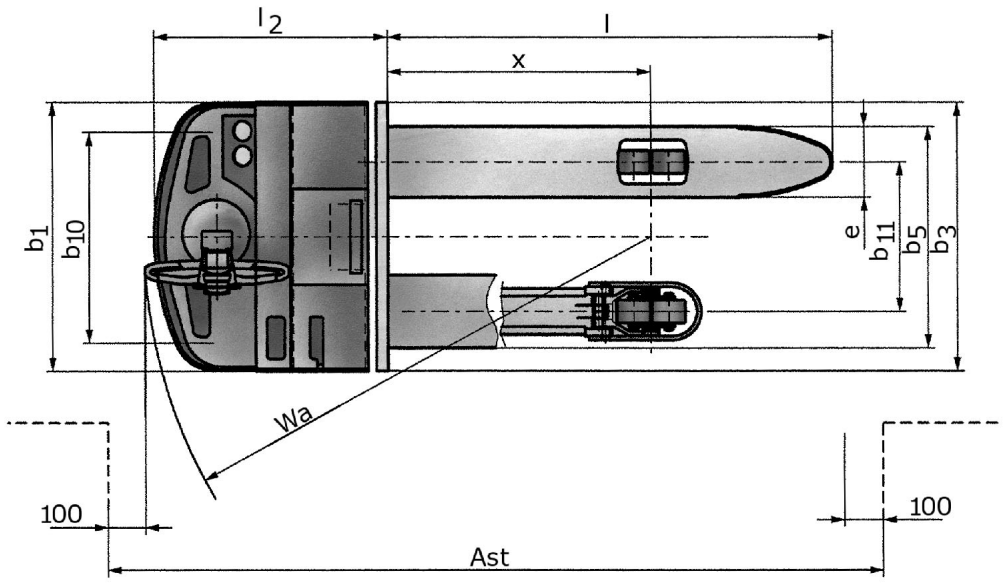
h14
A
h14
Cdg 600
2000 kg
h3
m3
m2
h5
159
y
h13
l1


l2
l
x
b1
b10
e
b11
b5
b3
Wa
100
100
Ast

In accordance with VDI guidelines 2198, this specification applies to the standard model only.
Alternative tyres, mast types, ancilliary equipment, etc. could result in different values.

Characteristics	1.1	Manufacturer				STILL
	1.2	Manufacturer's model designation				EGU-H
	1.3	Power supply (electric, diesel, petrol, gas, mains electric)				electric
	1.4	Type of control (hand, pedestrian, stand-on, rider seated, order picker)				pedestrian
	1.5	Capacity/load		Q	(kg)	2000/800
	1.6	Load centre		c	(mm)	600
	1.8	Load distance		x	(mm)	695
	1.9	Wheelbase		y	(mm)	1158
Weight	2.1	Weight (inc. battery)			kg	656
	2.2	Axle loadings laden (800 kg)	drive end/load end		kg	558/898
	2.21	Axle loadings laden (1200 kg)	drive end/load end		kg	688/1968
	2.3	Axle loadings unladen	drive end/load end		kg	474/182
Wheels, tyres	3.1	Tyres (rubber, Vulkollan, pneumatic, polyurethane)				Vulkollan
	3.2	Tyre size	drive end		mm	Ø 230 x 75
	3.3	Tyre size	load end		mm	2 x Ø 85 x 60
	3.4	Support rollers			mm	2 x Ø 100 x 40
	3.5	Wheels, number (x=drive wheel)	drive end/load end			1x-2/4
	3.6	Track width (front)	drive end	b_{10}	(mm)	–
	3.7	Track width (rear)	load end	b_{11}	(mm)	380
Dimensions	4.4	Lift height		h_3'	(mm)	560
	4.6	Basic lift		h_5	(mm)	120
	4.9	Height of tiller in drive position	min./max.	h_{14}	(mm)	765/1255
	4.15	Height lowered		h_{13}	(mm)	91
	4.19	Overall length		l_1	(mm)	1783
	4.20	Length to front face of fork		l_2	(mm)	633
	4.21	Overall width		b_1	(mm)	700
	4.22	Fork dimensions		$s/e/l$	(mm)	55/184/1150
	4.24	Fork carriage width		b_3	(mm)	625
	4.25	Overall fork width		b_5	(mm)	564
	4.32	Floor clearance, centre of wheelbase		m_2	(mm)	20
	4.34	Working aisle width, with 800 x 1200 lengthwise [1)]		Ast	(mm)	2061
	4.35	Outer turning radius		Wa	(mm)	1356
Performance	5.1	Speed			km/h	6.0/6.0
	5.2	Lifting time (basic lift)	laden/unladen		s	3.0/2.4
	5.21	Lifting speed (main lift)	laden/unladen		m/s	0.16/0.28
	5.3	Lowering time (basic lift)	laden/unladen		s	2.2/2.3
	5.31	Lowering speed (main lift)	laden/unladen		m/s	0.16/0.14
	5.7	Gradeability	laden/unladen		%	10/20
	5.9	Acceleration time (over 10 m)	laden/unladen		s	7.5/6.6
	5.10	Brakes				elektro-magnetic
Electric Motors	6.1	Drive motor, rating S2 = 60 min.			kW	1.2
	6.2	Hoist motor, rating S3 = 15%			kW	2.0
	6.3	Battery to IEC 254-2; A, B, C, no				no
	6.4	Battery voltage, capacity K_5			V/Ah	24 V/200 Ah
	6.5	Battery weight +/- 5% (dependent on manufacturer)			kg	185
	6.6	Energy consumption according to VDI cycle			kWh/h	–
Other	8.1	Drive control				electronic
	8.4	Noise peak at operator's ears			dB (A)	68

1) Working aisle width includes manoeuvring allowance

Low lift pallet truck with driver's stand-on platform

Design

- The modern functional design and the optimal ergonomics in conjunction with the right stand-on platform have created low lift pallet trucks which are ideally suited for loading and unloading, order picking, and also for transportation over long distances.
- The cover, made of extremely sturdy polyurethane (RIM = Reaction Injection Moulding) features a raised edge which provides convenient storage far a variety of items.
- The sturdy chassis made of thick steel plate is a match for hard applications.

Steering

- Light operation allows manoeuvring in the tightest space.
- When released, the balanced, user-friendly tiller handle returns automatically to the vertical braking position by means of a gas spring.
- The spring mounted centre drive unit automatically adjusts the wheel pressure on EGU-S models to the weight of the load, which means optimum floor adhesion.
- Sprung idler castors provide a high level of lateral stability when travelling round bends or running empty.

Tiller

- Tiller head made of extremely strong, impact-resistant plastic.
- Ergonomic layout of the controls. Push buttons for the horn, hoist and lower can be operated with one hand. Extremely convenient for a left handed operator.
- Wear-free switching technology for travel, hoist and lower functions.
- Anatomically shaped impact switch in the tiller head prevents the operator getting trapped even when the tiller is almost vertical. The EGU will switch automatically from forward to backward travel when the impact switch touches the operator. In this way the truck automatically moves away from the operator and then comes to a stop.
- Key switch and battery plug are within easy reach yet well protected.

Driver's stand-on platform

- The EGU-S pallet trucks are available with three different platform designs to suit differing applications.
- For alternating between pedestrian and rider mode there is a spring loaded fold-up driver's stand-on platform fitted with side hinged padded protection flaps. Travel speed is reduced under pedestrian operation.
- For applications where shunting and alignment of the pallet are important, the fixed platform variant is ideal.
- Where long runs and occasional order picking are the norm, the variant fitted with a rear bulkhead is recommended. The rounded and padded bulkhead provides the user with a comfortable workplace.
- The unladen travel speed of the EGU 20-S is governed to 6 km/h. There is thus no need for side protection as the truck complies fully with the guidelines.

Drive

- Comfortable, economical and hence cost saving operation thanks to the electronic controller with MOSFET technology as standard.
- Sensitive driving response, independent of the load, thanks to the externally excited shunt wound motor.
- The truck starts smoothly and accelerates evenly up to maximum travel speed.
- The truck is braked when driving by releasing the drive switch or by plugging. The externally excited motor acts as a generator and is used to recover energy when braking.
- When starting on a gradient, or if the drive switch is released or put into neutral, the controller and the drive respectively come immediately into effect and thus prevent uncontrolled rolling back.

Hydraulic system

- A compact pump and motor unit with a built in oil tank, solenoid valve, lowering control valve and maximum pressure valve operates the two lift cylinders on EGU-S models, whilst on the EGU 20-S it operates the central lift cylinder with lift cut-out.

Brake system

- The brakes comprise two independent

systems – a solenoid operated disc brake on the drive for parking, and generator braking through the drive during use.

- Braking is automatic when the tiller is horizontal or vertical (deadman braking).
- Trucks with a fixed platform or one enclosed at the rear can only be driven when the pressure pad is activated.

Battery

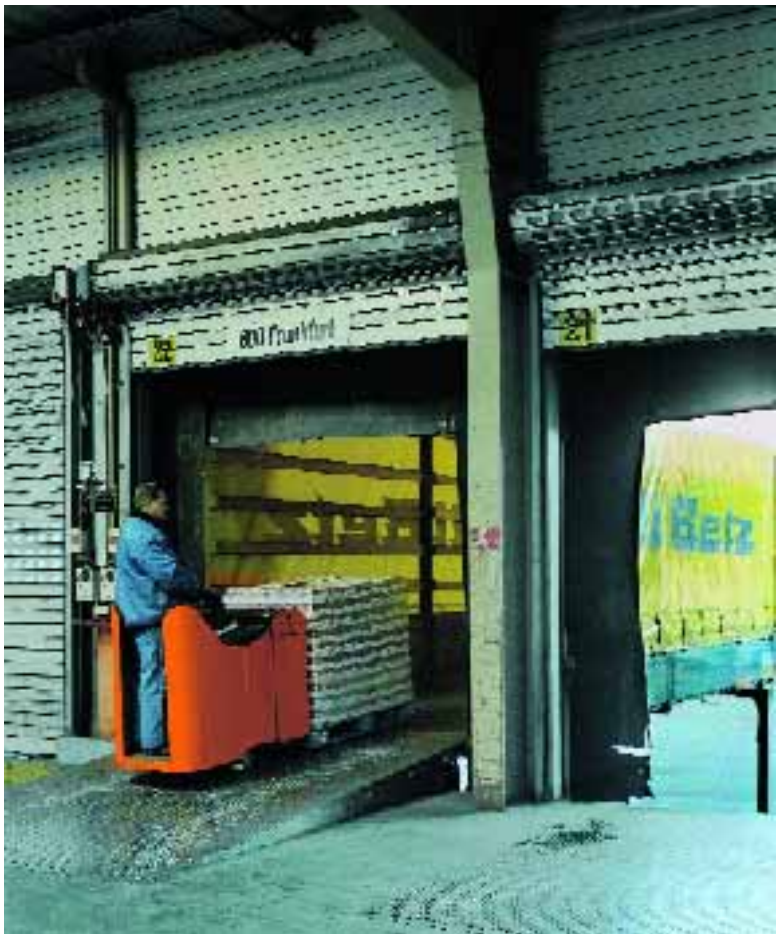
- Advanced drive controller technology means reduced energy requirement. This allows the use of batteries with a low Ah capacity even with extended working hours. The battery is easily accessible and can be changed with a hoist or to the side for two or three shift operation.

Options

- On-board charger (only on EGU 20-S).
- Combi-instrument to display battery state of charge and operating hours.
- Special fork lengths and overall fork widths.
- Servo-steering (EGU-S)

Safety

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



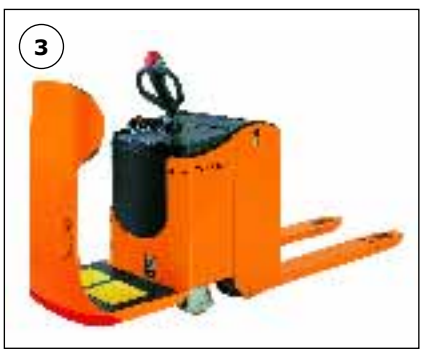
A robust, tiller-controlled truck with stand-on platform, the EGU is ideal for loading/unloading lorries and, with its high speed, is also suitable for longer runs.

EGU-S/20-S

In accordance with VDI guidelines 2198, this specification applies to the standard model only.
Alternative tyres, mast types, ancillary equipment, etc. could result in different values.

Characteristics	1.1	Manufacturer				STILL	STILL	STILL
	1.2	Manufacturer's model designation				① EGU-S 20 with folding platform and hinged side flaps	② EGU-S 20 with fixed platform and open at rear	③ EGU-S 20 enclosed at rear and with open sides
	1.3	Power supply (electric, diesel, petrol, gas, mains electric)				electric	electric	electric
	1.4	Type of control (hand, pedestrian, stand-on, rider seated, order picker)				stand-on	stand-on	stand-on
	1.5	Capacity/load		Q	(kg)	2000	2000	2000
	1.6	Load centre		c	(mm)	600	600	600
	1.8	Load distance		x	(mm)	962	962	962
	1.9	Wheelbase		y	(mm)	1432	1432	1432
Weight	2.1	Weight (inc. battery)			kg	842	852	822
	2.2	Axle loadings laden	drive end/load end		kg	1198/1644	1240/1648	1186/1636
	2.3	Axle loadings unladen	drive end/load end		kg	698/144	704/148	686/136
Wheels, tyres	3.1	Tyres (rubber, Vulkollan, pneumatic, polyurethane)				polyurethane	polyurethane	polyurethane
	3.2	Tyre size	drive end		mm	Ø 250 x 80	Ø 250 x 80	Ø 250 x 80
	3.3	Tyre size	load end		mm	Ø 85 x 61.5	Ø 85 x 61.5	Ø 85 x 61.5
	3.4	Support rollers				Ø 150 x 50	Ø 150 x 50	Ø 150 x 50
	3.5	Wheels, number (x=drive wheel)	drive end/load end			1x-2/4	1x-2/4	1x-2/4
	3.6	Track width	drive end	b_{10}	(mm)	520	520	520
	3.7	Track width	load end	b_{11}	(mm)	390	390	390
Dimensions	4.4	Lift height		h_3	(mm)	120	120	120
	4.9	Height of tiller in drive position	min./max.	h_{14}	(mm)	1087/1213	1160/1310	1160/1310
	4.15	Height lowered		h_{13}	(mm)	85	85	85
	4.19	Overall length		l_1/l_1'	(mm)	2260/1945	2355	2350
	4.20	Length to front face of fork		l_2/l_2'	(mm)	1110/795	1205	1200
	4.21	Overall width		b_1/b_1'	(mm)	700/792	700	700
	4.22	Fork dimensions		$s/e/l$	(mm)	54/170/1150	54/170/1150	54/170/1150
	4.25	Overall fork width		b_5	(mm)	560	560	560
	4.32	Floor clearance, centre of wheelbase		m_2	(mm)	31	31	31
	4.34	Working aisle width, with 800 x 1200 pallett lengthwise (b_{12} x l_6) [1]		Ast/Ast'	(mm)	2805/2546	2890	2885
	4.35	Outer turning radius		Wa/Wa'	(mm)	2140/1881	2225	2220
Performance	5.1	Speed			km/h	8.0/11.2 / 4.0/5.5	8.0/11.2	8.0/11.2
	5.2	Lifting time (basic lift)	laden/unladen		s	2.4/1.8	2.4/1.8	2.4/1.8
	5.3	Lowering time (basic lift)	laden/unladen		s	1.7/1.9	1.7/1.9	1.7/1.9
	5.8	Gradeability	laden/unladen		%	8/15 / 6/10	8/15	8/15
	5.9	Acceleration time (over 10 m)	laden/unladen		s	6.9/5.1	6.9/5.1	6.9/5.1
	5.10	Brakes				elektro-magnetic	elektro-magnetic	elektro-magnetic
Electric Motors	6.1	Drive motor, rating S2 = 60 min.			kW	2.0	2.0	2.0
	6.2	Hoist motor, rating S3 = 15%			kW	2.0	2.0	2.0
	6.3	Battery to IEC 254-2; A, B, C, no				IEC 254-2; B	IEC 254-2; B	IEC 254-2; B
	6.4	Battery voltage, capacity K_5			V/Ah	24/330 L	24/330 L	24/330 L
	6.5	Battery weight +/- 5% (dependent on manufacturer)			kg	288	288	288
	6.6	Energy consumption according to VDI cycle			kWh/h	0.92	0.92	0.92
Other	8.1	Drive control				electronic	electronic	electronic
	8.4	Noise peak at operator's ears			dB (A)	68	68	68

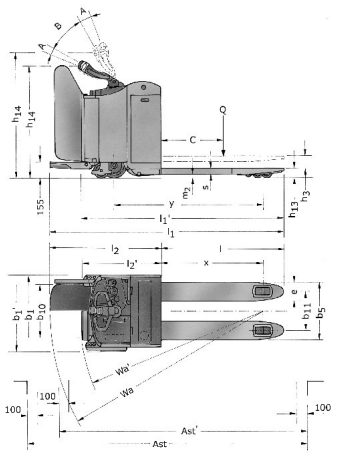
1) Working aisle width Ast includes 200 mm manoeuvring allowance



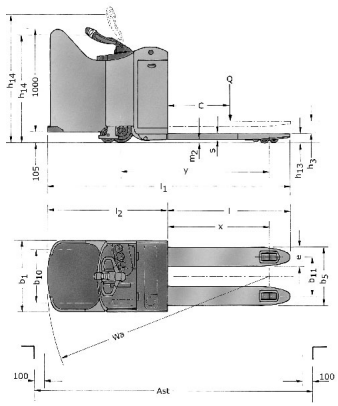
	STILL	STILL	STILL
	② EGU-S 24 with fixed platform and open at rear	③ EGU-S 24 enclosed at rear and with open sides	④ EGU 20-S with folding platform and without side flaps
	electric	electric	electric
	stand-on	stand-on	stand-on/pedestrian
	2400	2400	2000
	1200	1200	600
	2202	2202	966
	2672	2672	1390
	994	964	558
	1420/1974	1402/1962	1005/1570
	842/152	824/140	450/148
	polyurethane	polyurethane	polyurethane
	Ø 250 x 80	Ø 250 x 80	Ø 230 x 75
	Ø 85 x 80	Ø 85 x 80	Ø 85 x 80
	Ø 150 x 50	Ø 150 x 50	Ø 100 x 40
	1x-2/4	1x-2/4	1x-2/4
	520	520	467
	390	390	390
	120	120	120
	1160/1310	1160/1310	765/1255
	85	85	85
	3594	3589	2207/1817
	1205	1200	1057/667
	700	700	700
	59/170/2390	59/170/2390	52/170/1150
	560	560	560
	26	26	33
	4155	4150	2466/2093
	3508	3503	2032/1659
	7.0/10.2	7.0/10.2	6.0/6.0
	2.5/1.8	2.5/1.8	3.0/2.2
	1.5/1.7	1.5/1.7	3.0/3.0
	7/9	7/9	10/15
	7.8/5.7	7.8/5.7	9.2/7.5
	elektro-magnetic	elektro-magnetic	elektro-magnetic
	2.0	2.0	1.2
	2.0	2.0	2.0
	IEC 254-2; B	IEC 254-2; B	IEC 254-2; B
	24/360 L	24/360 L	24/240 L
	293	293	220
	1.3	1.3	0.39
	electronic	electronic	electronic
	68	68	68

A = Braking
B = Travel

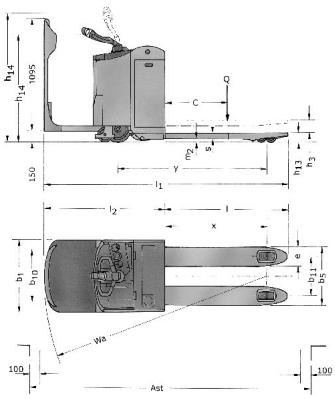
1



2

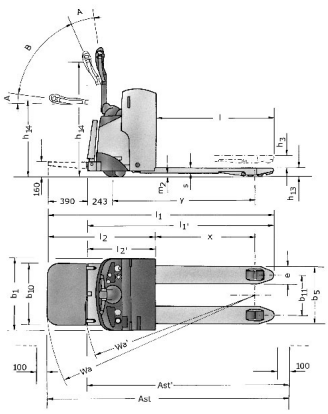


3



A = Braking
B = Travel

4



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