EGU-S Technical Data.

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

Achieve more.

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 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 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-S is ideal for loading / unloading lorries and, with its high speed, is also suitable for longer runs.

EGU-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.

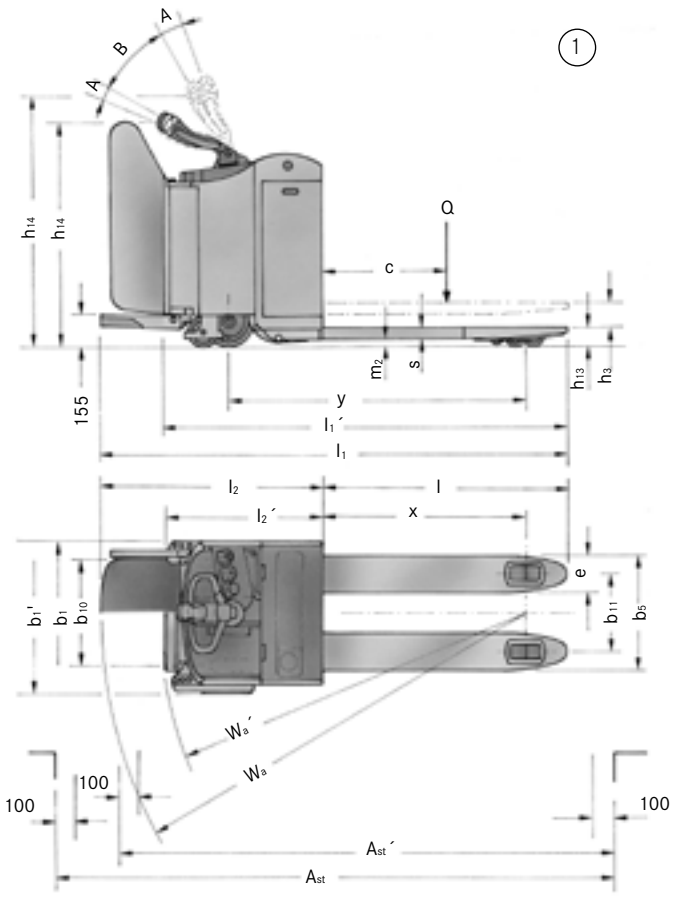
Charcateristics	1.1	Manufacturer			STILL	STILL	
	1.2	Manufacturer's model designation			EGU-S 20 ① with folding platform and hinged side flaps	EGU-S 20 ② with fixed platform and open at rear	
	1.3	Power supply (electric, diesel, petrol, gas, mains electric)			electric	electric	
	1.4	Type of control (hand, pedestrian, stand-on, rider seated, order picker)			stand-on	stand-on	
	1.5	Capacity / load	Q	kg	2000	2000	
	1.6	Load centre	c	mm	600	600	
	1.8	Load distance	x	mm	962	962	
	1.9	Wheelbase	y	mm	1432	1432	
Weight	2.1	Weight (inc. battery)		kg	842	852	
	2.2	Axle loadings laden drive end / load end		kg	1198 / 1644	1240 / 1648	
	2.3	Axle loadings unladen drive end / load end		kg	698 / 144	701 / 148	
Wheels | tyres	3.1	Tyres (rubber, Vulkollan, pneumatic, polyurethane)			polyurethane	polyurethane	
	3.2	Tyre size drive end		mm	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	
	3.4	Support rollers			ø 150 x 50	ø 150 x 50	
	3.5	Wheels, number (x=drive wheel) drive end / load end			1 x -2 / 4	1 x -2 / 4	
	3.6	Track width drive end	b_{10}	mm	520	520	
	3.7	Track width load end	b_{11}	mm	390	390	
Dimensions	4.4	Lift height	h_3	mm	120	120	
	4.9	Height of tiller in drive position min. / max.	h_{14}	mm	1087 / 1213	1160 / 1310	
	4.15	Height lowered	h_{13}	mm	85	85	
	4.19	Overall length	l_1 / l_1´	mm	2260 / 1945	2355	
	4.20	Length to front face of fork	l_2 / l_2´	mm	1110 / 795	1205	
	4.21	Overall width	b_1 / b_1´	mm	700 / 792	700	
	4.22	Fork dimensions	s / e / l	mm	54 / 170 / 1150	54 / 170 / 1150	
	4.25	Overall fork width	b_5	mm	560	560	
	4.32	Floor clearance, centre of wheelbase	m_2	mm	31		
	4.34	Working aisle width, with 800 x 1200 pallett lengthwise (b_{12} x l_6)[1)]	A_{st} / A_{st}´	mm	2805 / 2546	2890	
	4.35	Outer turning radius	Wa / Wa´	mm	2140 / 1881	2225	
Performance	5.1	Speed laden / unladen		km / h	8.0 / 11.2 / 4.0 / 5.5	8.0 / 11.2	
	5.2	Lifting time (basic lift) laden / unladen		s	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	
	5.8	Gradeability laden / unladen		%	8 / 15 / 6 / 10	8 / 15	
	5.9	Acceleration time (over 10 m) laden / unladen		s	6.9 / 5.1	6.9 / 5.1	
	5.10	Brakes			elektro-magnetic	elektro-magnetic	
Electric Motors	6.1	Drive motor, rating S2 = 60 min.		kW	2.0	2.0	
	6.2	Hoist motor, rating S3 = 15%		kW	2.0	2.0	
	6.3	Battery to IEC 254-2; A, B, C, no			IEC 254-2; B	IEC 254-2; B	
	6.4	Battery voltage, capacity K_5		V / Ah	24 / 330 L	24 / 330 L	
	6.5	Battery weight + / – 5% (dependent on manufacturer)		kg	288	288	
	6.6	Energy consumption according to VDI cycle		kWh / h	0.92	0.92	
Other	8.1	Drive control			electronic	electronic	
	8.4	Noise peak at operator's ears		dB (A)	68	68	

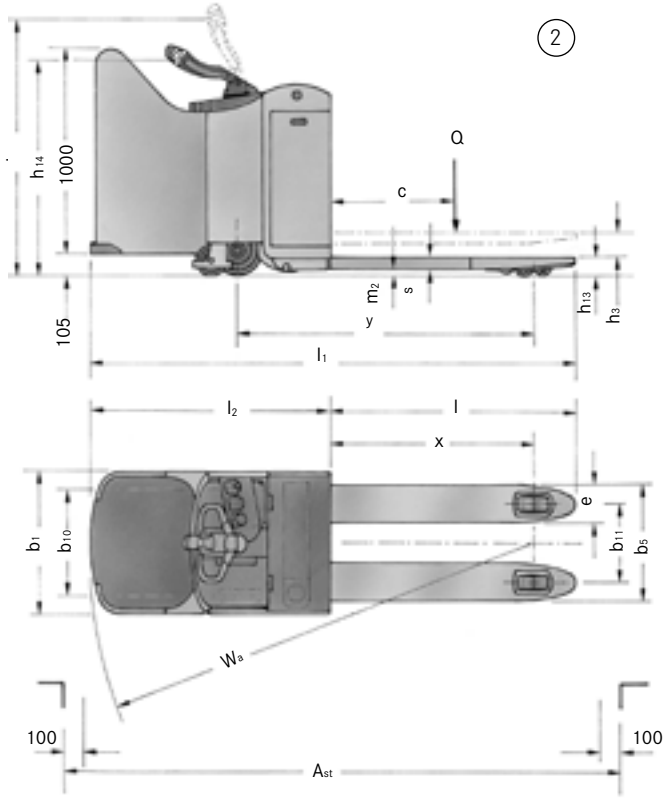
1) Working aisle width A_{st} includes 200 mm manoeuvring allowance

① 

② 

	STILL
	EGU-S 24 ② with fixed platform and open at rear
	electric
	stand-on
	2400
	1200
	2202
	2672
	994
	1420 / 1974
	842 / 152
	polyurethane
	ø 250 x 80
	ø 85 x 80
	ø 150 x 50
	1 x -2 / 4
	520
	390
	120
	1160 / 1310
	85
	3594
	1205
	700
	59 / 170 / 2390
	560
	26
	4155
	3508
	7.0 / 10.2
	2.5 / 1.8
	1.5 / 1.7
	7 / 9
	7.8 / 5.7
	elektro-magnetic
	2.0
	2.0
	IEC 254-2; B
	24 / 360 L
	293
	1.3
	electronic
	68





A = Braking
B = Travel

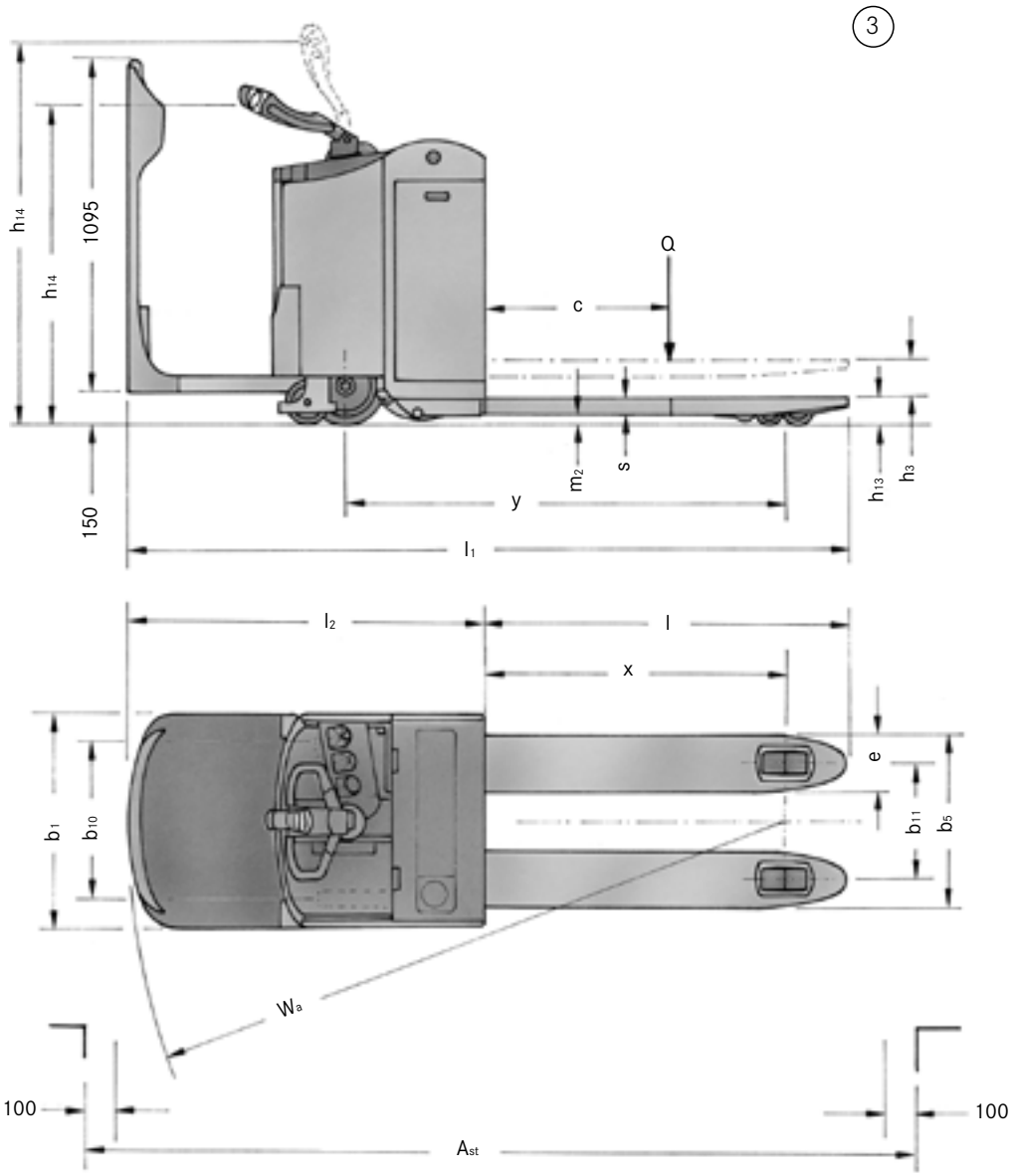
EGU-S.

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.

Charcateristics	1.1	Manufacturer				STILL	STILL
	1.2	Manufacturer's model designation				EGU-S 20 ③ enclosed at rear and with open sides	EGU-S 24 ③ enclosed at rear and with open sides
	1.3	Power supply (electric, diesel, petrol, gas, mains electric)				electric	electric
	1.4	Type of control (hand, pedestrian, stand-on, rider seated, order picker)				stand-on	stand-on
	1.5	Capacity / load		Q	kg	2000	2400
	1.6	Load centre		c	mm	600	1200
	1.8	Load distance		x	mm	962	2202
	1.9	Wheelbase		y	mm	1432	2672
Weight	2.1	Weight (inc. battery)			kg	822	964
	2.2	Axle loadings laden	drive end / load end		kg	1186 / 1636	1402 / 1962
	2.3	Axle loadings unladen	drive end / load end		kg	686 / 136	824 / 140
Wheels | tyres	3.1	Tyres (rubber, Vulkollan, pneumatic, polyurethane)				polyurethane	polyurethane
	3.2	Tyre size	drive end		mm	ø 250 x 80	ø 250 x 80
	3.3	Tyre size	load end		mm	ø 85 x 61.5	ø 85 x 80
	3.4	Support rollers				ø 150 x 50	ø 150 x 50
	3.5	Wheels, number (x=drive wheel)	drive end / load end			1 x -2 / 4	1 x -2 / 4
	3.6	Track width	drive end	b_{10}	mm	520	520
	3.7	Track width	load end	b_{11}	mm	390	390
Dimensions	4.4	Lift height		h_3	mm	120	120
	4.9	Height of tiller in drive position	min. / max.	h_{14}	mm	1160 / 1310	1160 / 1310
	4.15	Height lowered		h_{13}	mm	85	85
	4.19	Overall length		l_1 / l_1´	mm	2350	3589
	4.20	Length to front face of fork		l_2 / l_2´	mm	1200	1200
	4.21	Overall width		b_1 / b_1´	mm	700	700
	4.22	Fork dimensions		s / e / l	mm	54 / 170 / 1150	59 / 170 / 2390
	4.25	Overall fork width		b_5	mm	560	560
	4.32	Floor clearance, centre of wheelbase		m_2	mm	31	26
	4.34	Working aisle width, with 800 x 1200 pallett lengthwise (b_{12} x l_6)[1)]		A_{st} / A_{st}´	mm	2885	4150
	4.35	Outer turning radius		Wa / Wa´	mm	2220	3503
Performance	5.1	Speed	laden / unladen		km / h	8.0 / 11.2	7.0 / 10.2
	5.2	Lifting time (basic lift)	laden / unladen		s	2.4 / 1.8	2.5 / 1.8
	5.3	Lowering time (basic lift)	laden / unladen		s	1.7 / 1.9	1.5 / 1.7
	5.8	Gradeability	laden / unladen		%	8 / 15	7 / 9
	5.9	Acceleration time (over 10 m)	laden / unladen		s	6.9 / 5.1	7.8 / 5.7
	5.10	Brakes				elektro-magnetic	elektro-magnetic
Electric Motors	6.1	Drive motor, rating S2 = 60 min.			kW	2.0	2.0
	6.2	Hoist motor, rating S3 = 15%			kW	2.0	2.0
	6.3	Battery to IEC 254-2; A, B, C, no				IEC 254-2; B	IEC 254-2; B
	6.4	Battery voltage, capacity K_5			V / Ah	24 / 330 L	24 / 360 L
	6.5	Battery weight + / – 5% (dependent on manufacturer)			kg	288	293
	6.6	Energy consumption according to VDI cycle			kWh / h	0.92	1.3
Other	8.1	Drive control				electronic	electronic
	8.4	Noise peak at operator's ears			dB (A)	68	68

1) Working aisle width A_{st} includes 200 mm manoeuvring allowance

③



A = Braking
B = Travel

For further information on the EGU-S
please visit: www.still.de/egu-s

STILL GmbH
Berzeliusstrasse 10
D-22113 Hamburg
Telephone: +49 (0)40 / 73 39-0
Telefax: +49 (0)40 / 73 39-16 22
info@still.de
www.still.de

Achieve more.

EGU S 05 e 05/05 TD Subject to technical modifications.