



ECU 25

ECU 30

ECU technical Data

Low lift pallet truck



This specification sheet to VDI guideline 2198 mentions only the technical values of the standard device. Different tyres, other masts, additional equipment, etc. could result in different values.

				STILL		STILL				
				ECU 25		ECU 30				
Characteristics	1.1	Manufacturer								
	1.2	Manufacturer's model designation								
	1.3	Drive				Electric				
	1.4	Operation (Hand, Pedestrian, Stand-on, Seated, Order Picker)				Pedestrian				
	1.5	Capacity/load	Q	t	2,5		3 ¹			
	1.6	Nominal load centre	c	mm			600			
	1.8	Load distance	x	mm			914			
	1.9	Wheelbase	y	mm	1342	1414	1342	1414		
	Weight	2.1	Weight (incl. battery)				545	643	545	643
2.2		Axle loadings laden	Drive side/load side				992/2053	1031/2112	1109/2436	1142/2501
2.3		Axle loadings unladen	Drive side/load side				414/131	484/159	414/131	484/159
Wheels, Tyres	3.1	Tyres				Polyurethane				
	3.2	Tyre size	Drive side				230 x 75			
	3.3	Tyre size	Load side				85 x 80			
	3.4	Support rollers		Drive side				ø 100/40		
	3.5	Wheels, number (x = driven)		Drive side/load side				1x - 2/4		
	3.6	Track width		Drive side		b ₁₀		mm		
	3.7	Track width		Load side		b ₁₁		mm		
Dimensions	4.4	Lift				h ₃		mm		
	4.9	Height of tiller in drive position		min./max.		h ₁₄		mm		
	4.15	Fork height lowered				h ₁₃		mm		
	4.19	Overall length				l ₁		mm		
	4.20	Length to front face of forks				l ₂		mm		
	4.21	Overall width				b ₁		mm		
	4.22	Fork dimensions		s/e/l				mm		
	4.25	Forks external width				b ₅		mm		
	4.32	Floor clearance centre of wheelbase				m ₂		mm		
	4.33	Working aisle width for pallets 1000 x 1200 crosswise				A _{st3}		mm		
4.34	Working aisle width with 800 x 1200 pallets lengthways (b ₁₂ x l ₆)				A _{st3}		mm			
4.35	Turning radius				W _a		mm			
Performances	5.1	Travelling speed		laden/unladen				km/h		
	5.2	Lifting speed/time		laden/unladen				m/s		
	5.3	Lowering speed/time		laden/unladen				m/s		
	5.8	Max. gradeability		laden/unladen				%		
	5.10	Service brake								
Electric motors	6.1	Drive motor, rating S2 = 60 min						kW		
	6.2	Lifting motor, rating /S3						kW		
	6.3	Battery to DIN 43531/35/36; A, B, C, no						DIN 43535 B		
	6.4	Battery voltage, capacity K _s				V/Ah		24/250		
	6.5	Battery weight ± 5% (dependant on manufacturer)				kg		220		
	6.6	Energy consumption according to VDI cycle				kWh/h		0.54		
Others	8.1	Drive control						Electronic		
	8.4	Sound level at operator's ear				dB (A)		<70 dB		

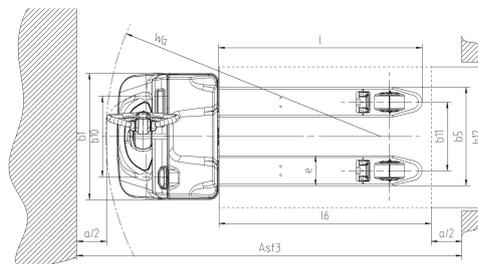
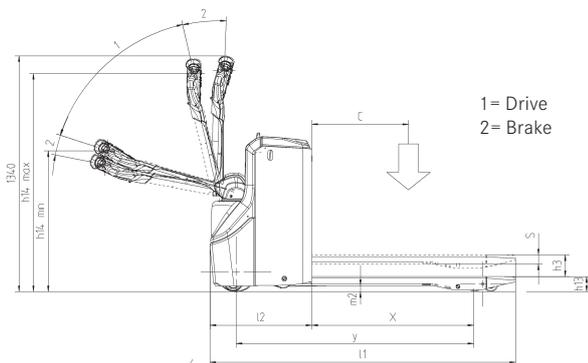
¹ for fork length >1600 mm only with short wheelbase.

² for fork length >1600 mm.

³ Values for drawbar in working position for close spaces and 90° steer angle.

⁴ Geometric limit for model with fork length of 2400 mm and standard wheelbase.

	Forks (mm)	Distance X	ECU 25		ECU 30
			250 Ah	375 Ah	375 Ah
Equipped with Push bar	980	744	1382	1454	1454
	1150	914	1552	1623	1623
	1200	964	1602	1673	1673
	1450	1214	1851	1923	1923
	1600	1364	2001	2073	2073
Equipped with Pull bar	1980	1694	2331	2402	-
	1980	1491	2128	2200	2200
	2160	1874	2510	2582	-
	2160	1618	2254	2326	2326
	2400	2114	2750	2822	-
	2400	1744	2380	2452	2452





Simple operation for left and right handed operators.



Clear display of battery condition and operating hours



Practical layout provides good fork tips visibility

Simply practical.

ECU low lift pallet trucks have a load capacity of 2500-3000 kg and are dependable companions for transporting heavy goods horizontally. The use of longer forks makes it possible to move several loads at the same time.

Construction.

- Strengthened forks, a robust drive and the use of strong steel components provide the ECU with solid reliability.
- The compact battery compartment is constructed from sheet metal and provides optimal protection for the battery.
- The robust bodywork is constructed from heavy duty polyurethane that is able to withstand impacts without permanent deformation or breakage.

Tiller.

- The shape of the tiller together with its ergonomic grip and buttons facilitates easy operation by both right-handed and left-handed users.
- The tiller's shape is designed to ensure the best possible operating position in even the tightest spaces.
- The new tiller greatly reduces operator fatigue. When released the tiller will reposition itself to its vertical position.
- The impact switch on the tiller head prevents operators becoming trapped. Should the operator touch the impact switch the ECU will automatically switch from forward to reverse.

Drive.

- The 1.5 KW three-phase drive gives even power output whether the equipment is laden or empty. The maintenance-free AC technology contributes to low energy and maintenance costs.
- HF controls for all models.
- The control system enables energy to be recovered when the drive switch is released and during regenerative braking.
- The ECU 25-30 has a hour meter with battery discharge indicator as standard.
- A powerful pump drive with 2.2 KW lifts heavy loads without effort.

Brakes.

- The ECU 25-30 has two different braking systems.
- A reverse current brake
- An electromagnetic emergency brake controlled by a micro switch actuated at the two tiller end positions.

Battery.

- Two different battery trays allow batteries of capacities from 24V/250Ah to 24V/375Ah to be accommodated.
- The batteries are easily accessible.

Load rollers.

- Twin polyurethane rollers are fitted as standard.

Drive wheel.

- Polyurethane is provided as standard for long service life.

Fork dimensions.

- Fork lengths are 980 mm, 1150 mm, 1450 mm, 1600 mm, 1980 mm, 2160 mm and 2400 mm
- Fork widths are 520 mm, 560 mm and 680 mm

Maintenance.

- Two lifting points are mounted on the frame to enable the equipment to be safely raised by crane hooks.
- All parameters relating to the drive, electrical braking system, and electrical functions are configurable and can be modified in accordance with customer-specific individual requirements through STILL Customer Services.

Options.

- Access control via PIN code entry
- Creep speed mode for manoeuvring in tight spaces.
- Integrated on-board charger.
- Lateral battery change (375 Ah).



Your contact

STILL GmbH
Berzeliusstraße 10
D-22113 Hamburg
Telephone: +49 (0)40/73 39-20 00
Telefax: +49 (0)40/73 39-20 01
info@still.de

For further information please visit:
www.still.eu

STILL Materials Handling Ltd.
Aston Way, Leyland
Lancashire PR26 7UX
Telephone: +44 (0)1772 644300
Telefax: +44 (0)1772 644303
info@still.co.uk

For further information please visit:
www.still.co.uk

