

autovictor

 *Keep on moving to the future.*

TELESCOPIC HANDLERS

STILL R 6025



R 60 Technical Data.

Electric Forklift Trucks

R 60-25

R 60-40

R 60-45

R 60-50

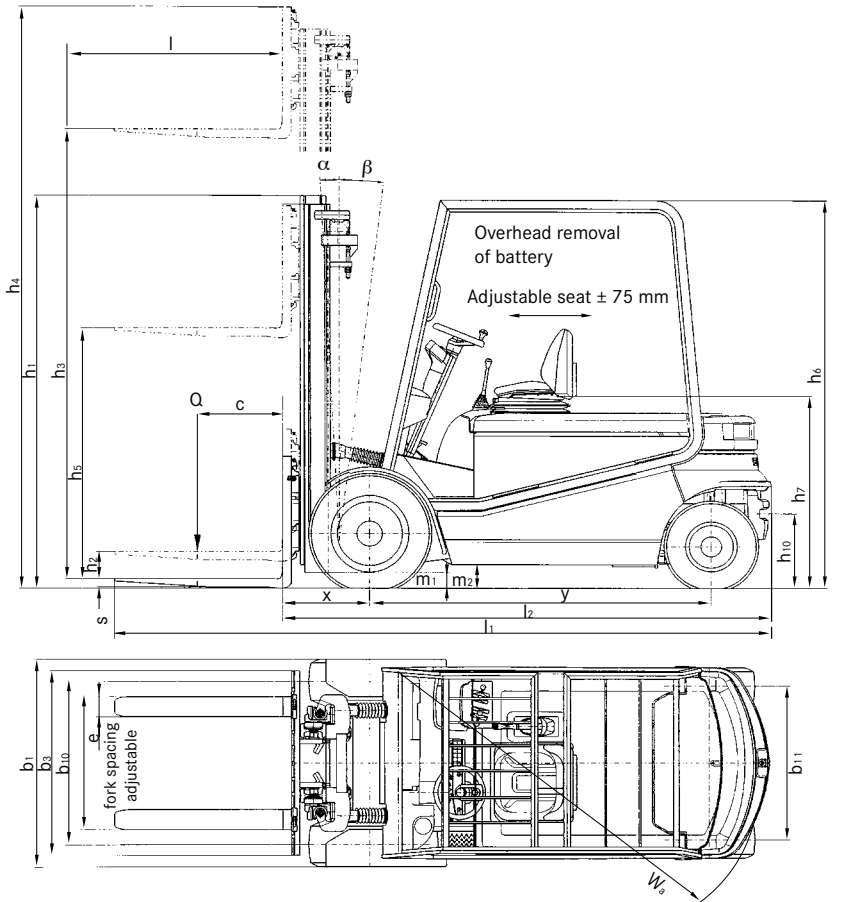


Achieve more.

R 60 Electric Forklift Trucks.

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		STILL		
	1.2	Manufacturer's model designation				R 60-25		R 60-40		R 60-45		R 60-50			
	1.3	Power supply – electric, diesel, petrol, gas, mains electric				electric		electric		electric		electric			
	1.4	Type of control – hand, pedestrian, stand-on, rider seated				rider seated		rider seated		rider seated		rider seated			
	1.5	Carrying capacity / load		Q	kg	2500		4000		4500		4990			
	1.6	Load centre		c	mm	500		500		500		500			
	1.8	Load distance		x	mm	415		484		484		494			
	1.9	Wheelbase		y	mm	1535		1987		1987		2047			
Weight	2.1	Weight			kg	4399		5977		6263		6504			
	2.2	Axle loadings laden front			kg	6196		8966		9755		10452			
	2.2.1	Axle loadings laden rear			kg	703		1011		1013		1042			
	2.3	Axle loadings unladen front			kg	2217		2964		3026		3039			
	2.3.1	Axle loadings unladen rear			kg	2182		3013		3242		3465			
	3.1	Tyres – rubber (V), SE, pneu. (E), poly. (PE)				SE/L		V		SE		V		SE	
	3.2	Tyre size – front				23x9-10(20PR)		21x9x13		250-15(18 PR)		645/300-410z		28x12,5-15	
	3.3	Tyre size – rear				18x7-8(14PR)		16x6x10/2		21x8-9 (16 PR)		18x7x12		21x8-9	
Wheels Tyres	3.5	Wheels – number front (x = drive wheel)				2x		2x		2x		2x			
	3.5.1	Wheels – number rear (x = drive wheel)				2		2		2		2			
	3.6	Track width – front		b ₁₀	mm	945	961	972	1034	972	1034	1104			
	3.7	Track width – rear		b ₁₁	mm	900	880	920		920	920	920			
Dimensions	4.1	Tilt angle, mast/fork carriage forwards		degrees		3		3		3		3			
	4.1.1	Tilt angle, mast/fork carriage backwards		degrees		10		8		8		8			
	4.2	Closed height		h ₁	mm	2250	2230	2375	2332	2375	2332	2375			
	4.3	Free lift		h ₂	mm	160		160		160		160			
	4.4	Lift height		h ₃	mm	3320		3320		3320		3180			
	4.5	Height, mast raised		h ₄	mm	3880		4130		4163	4130	4093			
	4.7	Height to top of overhead guard (cabin)		h ₆	mm	2250	2230	2317	2280	2317	2280	2317			
	4.8	Seat height		h ₇	mm	1070	1050	1248	1214	1248	1214	1248			
	4.12	Coupling height		h ₁₀	mm	392	372	438/550	428/540	438/550	428/540	428/540			
	4.19	Overall length		l ₁	mm	3262		3814		3814		3874			
	4.20	Length to front face of forks		l ₂	mm	2262		2814		2814		2874			
	4.21	Overall width		b ₁	mm	1192	1199	1196	1340	1196	1340	1394			
	4.22	Fork thickness		s	mm	40		50		50		60			
	4.22.1	Fork thickness		e	mm	100		120		120		130			
	4.22.2	Fork length		l	mm	1000		1000		1000		1000			
	4.23	Fork carriage to DIN 15173 – class / form A or B				ISO III B		ISO III B		ISO III B		ISO III B			
	4.24	Fork carriage width		b ₃	mm	1040		1100		1100		1310			
	4.31	Ground clearance beneath mast, laden		m ₁	mm	100	80	96	80	96	80	96			
	4.32	Ground clearance at centre of wheelbase		m ₂	mm	132	120	160	139	160	139	160			
	4.33	Aisle width for pallets 1000 x 1200 wide		A _{st}	mm	3580		4136		4136		4205			
	4.34	Aisle width for pallets 800 x 1200 long		A _{st}	mm	3780		4336		4336		4405			
	4.35	Outer turning radius		W _a	mm	1965		2452		2452		2511			
	4.36	Inner turning radius		b ₁₃	mm	–		–		–		–			
	Performance	5.1	Speed laden			km/ h	16		14		13		13		
		5.1.1	Speed unladen			km/ h	16		16		15		15		
		5.2	Lift speed laden			m/ s	0,38		0,33		0,28		0,26		
5.2.1		Lift speed unladen			m/ s	0,52		0,46		0,46		0,39			
5.3		Lowering speed laden			m/ s	0,6		0,6		0,6		0,6			
5.3.1		Lowering speed unladen			m/ s	0,45		0,45		0,45		0,45			
5.5		Rated drawbar pull laden			N	3860		3230		3055		2849			
5.5.1		Rated drawbar pull unladen			N	4370		4055		3980		3877			
5.6		Max. drawbar pull laden			N	10680		13630		13455		13249			
5.6.1		Max. drawbar pull unladen			N	11195		14450		14380		14277			
5.7		Gradeability laden			%	7,2		5		4,5		4			
5.7.1		Gradeability unladen			%	20		9		9		8			
5.8		Max. gradeability laden			%	20		13		11		11			
5.8.1		Max. gradeability unladen			%	24		23		21		21			
5.9	Acceleration time laden			s	5,1		5,5		5,7		6				
5.9.1	Acceleration time unladen			s	4,7		4,8		5		5,2				
5.10	Brakes				electr. / hydr.		electr. / hydr.		electr. / hydr.		electr. / hydr.				
Motors	6.1	Drive motor hourly capacity			kW	12,5		15		15		15			
	6.2	Hoist motor capacity at 15% duty factor			kW	13,5		20		20		20			
	6.3	Battery equipment to DIN 43531/35/36 A, B, C, no				DIN43536A		43536 A		43536 A		43536 A			
	6.4	Battery voltage		U	V	80		80		80		80			
	6.4.1	Battery capacity		K 5	Ah	560L(400-620)		840L (500-930)		840L (500-930)		840L (500-930)			
	6.5	Battery weight			kg	1558		2178		2178		2178			
Other	6.6	Energy consumption according to VDI cycle			kWh / h										
	8.1	Drive control				Stilltronic		Stilltronic-SCR		Stilltronic-SCR		Stilltronic-SCR			
	8.2	Operating pressure for attachments			bar	210		210		210		210			
	8.3	Oil flow for attachments			l/min										
	8.4	Average noise peak at operator's ears			dB(A)										
	8.5	Trailer coupling, type/DIN				pin		pin		pin		pin			



The models depicted in this brochure may contain special parts or attachments which are not supplied as standard.

For further information on the R 60 please
visit: www.still.de/R60

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.

autovictor

 *Keep on moving to the future.*

STILL R 6025



AUTOVICTOR s.r.l.

Via Galvani 11/13
28060 San Pietro Mosezzo - Novara
Tel. +39 0321 35000
info@autovictor.it
www.autovictor.it