



**STRONG PARTNERS.
TOUGH TRUCKS.™**



TECHNICAL GUIDE J1.6-2.0UTT SERIES



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> J1.6UTT / J1.8UTT / J2.0UTT

						HYSTER		HYSTER		HYSTER	
						J1.6UTT		J1.8UTT		J2.0UTT	
GENERAL	1-1	Manufacturer				Electric (battery)		Electric (battery)		Electric (battery)	
	1-2	Model designation				Seated		Seated		Seated	
	1-3	Drive									
	1-4	Operator type									
	1-5	Rated capacity/rated load	Q ₁	t		1600		1800		2000	
WEIGHT	1-6	Load centre distance	c	mm		500		500		500	
	1-8	Load distance, centre of drive axle to fork	x	mm		371		371		371	
	1-9	Wheelbase	y	mm		1400		1400		1515	
	2-1	Service weight		kg		3120		3190		3380	
	2-2	Axle loading with load, front / rear		kg		4010	660	4420	510	4870	580
WHEELS	2-3	Axle loading without load, front / rear		kg		1480	1640	1500	1690	1580	1810
	3-1	Tyre type				Superelastic		Superelastic		Superelastic	
	3-2	Tyre size, front				18x7-8		18x7-8		200x50-10	
	3-3	Tyre size, rear				15x4-1	2-8	15x4-1	2-8	15x4-1	2-8
	3-5	Wheels, number front / rear (x = driven wheels)				2x	2	2x	2	2x	2
DIMENSIONS	3-6	Tread, front	b ₁₀	mm		933		933		952	
	3-7	Tread, rear	b ₁₁	mm		186		186		186	
	4-1	Tilt of mast / fork carriage forward / backward		(°)		6.5	6.5	6.5	6.5	6.5	6.5
	4-2	Height, mast lowered	h ₁	mm		1992		1992		1990	
	4-3	Free lift (1)	h ₂	mm		35		35		54	
	4-4	Lift Height (1)	h ₃	mm		3036		3036		3045	
	4-5	Height, mast extended (3)	h ₄	mm		4030		4030		4000	
	4-7	Height of overhead guard (cabin) (4)	h ₆	mm		2002		2002		2004	
	4-8	Seat height relating to SIP (2)	h ₇	mm		965		965		965	
	4-12	Coupling height	h ₁₀	mm		445		445		485	
	4-19	Overall length	l ₁	mm		2894		2894		3153	
	4-20	Length to face of forks	l ₂	mm		1974		1974		2084	
	4-21	Overall width	b ₁ /b ₂	mm		1084		1084		1140	
	4-22	Fork dimensions DIN ISO 2331	s/e/l	mm		35 / 100 / 920		35 / 100 / 920		40 / 122 / 1070	
	4-23	Fork carriage ISO 2328, class/type A, B		mm		2A		2A		2A	
	4-24	Fork carriage width (3)	b ₃	mm		951		951		950	
	4-25	Distance between fork-arms	b ₅	mm		200	890	200	890	240	890
	4-31	Ground clearance, laden, below mast	m ₁	mm		89		89		88	
	4-32	Ground clearance, centre of wheelbase	m ₂	mm		96		96		95	
	4-34-1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm		3290		3290		3445	
	4-34-4	Aisle width for pallets 800 × 1200 lengthways	Ast	mm		3415		3415		3410	
	4-35	Turning radius	W _a	mm		1601		1601		1716	
	4-36	Internal turning radius	b ₁₃	mm		0		0		0	
PERFORMANCE	5-1	Travel speed with / without load	km	h		14.0	16.0	14.0	16.0	14.0	16.0
	5-2	Lifting speed with / without load	mm	s		352	500	349	500	310	500
	5-3	Lowering speed with / without load	mm	s		411	485	425	485	425	485
	5-6	Max. drawbar pull with / without load, 3 minute rating	N			15,500	10,000	15,000	10,500	15,500	12,000
	5-8	Max. gradeability with/without load, 5 minute rating	%			20	30	20	30	20	30
	5-9	Acceleration time, with / without load	s			4.46	4.35	4.46	4.35	5.98	5.63
	5-10	Service brake				Hydraulic		Hydraulic		Hydraulic	
	6-1	Drive motor rating S2 60 min	kW			2 x 5		2 x 5		2 x 5	
	6-2	Lift motor rating at S3 15% rating	kW			11		11		11	
	6-3	Battery according to DIN 43531/35/36 A, B, C, no	m	s		no		no		no	
MOTOR	6-4	Battery voltage/nominal capacity K5	V	Ah		48	460	48	460	48	600
	6-5	Battery weight	kg			945		945		1088	
	6-6	Power consumption in accordance with VDI cycle	kWh	h		5.19		5.30		5.7	
	10-1	Type of drive unit				ACE2 2uC / ZAPI		ACE2 2uC / ZAPI		AC / ZAPI	
OTHER	10-2	Operating pressure for attachments (5)	bar			145		175		175	
	10-3	Oil volume for attachments	l	min		38		38		38	
	10-4	Sound pressure level at the driver's seat LPAZ (6)	dB	A		64.8		64.8		69.6	
	10-5	Towing coupling, type DIN				Yes / Pin		Yes / Pin		Yes / Pin	

MODEL TABLE NOTES:

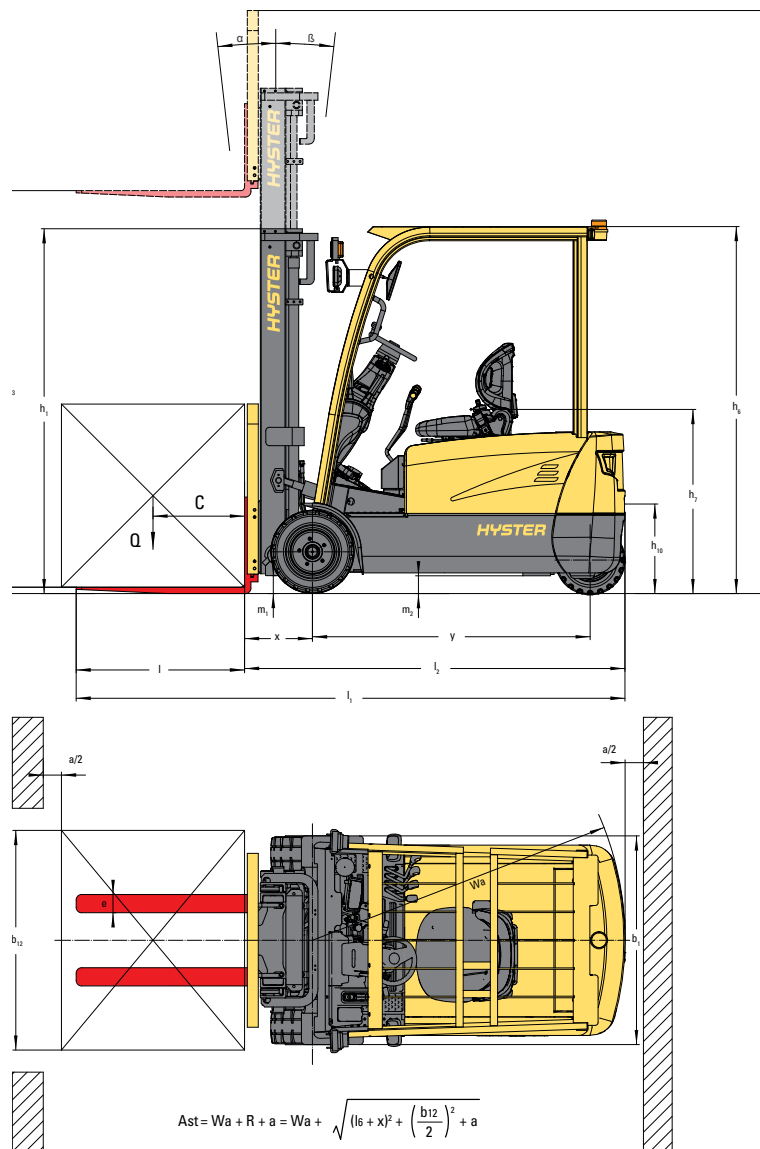
Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster® truck.

- (1) Bottom of forks
- (2) Full suspension specified.
- (3) Without load backrest
- (4) h₆ subject to +/- 5 mm tolerance.
- (5) Variable
- (6) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Specification data is based on VDI 2198.

TRUCK DIMENSIONS



MAST AND CAPACITY INFORMATION



J1.6-2.0UTT RATED CAPACITY KG@ 500 MM LOAD CENTRE

	Maximum fork height h3 + s (mm)	Mast Tilt		Lowered height h1 (mm)	Extended height h4 (mm)		Free Lift		Load Capacity		
		Forward tilt (deg)	Back tilt (deg)		Without Load Backrest	With Load Backrest	Without Load Backrest	With Load Backrest	1.6t	1.8t	2.0t
2-STAGE LIMITED FREE LIFT	3000	6.5	6.5	1975	3490	4010	0	0	1600	1800	2000
	3300	6.5	6.5	2125	3790	4310	0	0	1600	1800	2000
	3500	6.5	6.5	2225	3990	4510	0	0	1600	1800	2000
	3700	6.5	6.5	2325	4190	4710	0	0	1600	1800	2000
	4000	3.5	5	2525	4490	5010	0	0	1600	1800	2000
	4500	3.5	5	2775	4990	5510	0	0	1400	1600	1800
	5000	3.5	5	3025	5490	6010	0	0	1250	1450	1500
	5500	3.5	5	3325	5990	6510	0	0	1150	1200	1300
2-STAGE FULL FREE LIFT	6000	3.5	5	3575	6490	7010	0	0	1050	1100	1200
	3300	6.5	6.5	2125	3790	4310	1660	1140	1600	1800	2000
3-STAGE FULL FREE LIFT	3700	6.5	6.5	2325	4190	4710	1860	1340	1600	1800	2000
	4350	3.5	5	1975	4840	5360	1510	990	1500	1700	1900
	4800	3.5	5	2125	5290	5810	1660	1140	1300	1500	1650
	5000	3.5	5	2225	5490	6010	1760	1240	1250	1450	1500
	5500	3.5	5	2390	5990	6510	1925	1405	1150	1200	1300
3-STAGE FULL FREE LIFT	6000	3.5	5	2575	6490	7010	2110	1590	1050	1100	1200

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Our aim is to offer a complete partnership capable of responding to the full spectrum of material handling issues: whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster®.

Our network of highly trained dealers provides expert, responsive local support. They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your material handling needs so you can focus on the success of your business today and in the future.



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