

cenTAURO 48 160L 200L

VDI 2198

		CESAB		CESAB
Characteristics	1.1	Manufacturer	CESAB	
	1.2	Model designation	cenTAURO 48 160L	cenTAURO 48 200L
	1.3	Power unit: electric (battery), diesel, petrol, LPG	electric	
	1.4	Operation: manual, pedestrian, stand-on, driver seated	driver seated	
	1.5	Load capacity Q (kg)	1600	2000
	1.6	Load centre c (mm)	500	500
	1.8	Axle centre to fork face x (mm)	370	370 (a)
	1.9	Wheel-base y (mm)	1220	1220
Weights	2.1	Weight kg	3415	3620
	2.2	Axle load with load, front/rear kg	4365 / 650	4920 / 700
	2.3	Axle load without load, front/rear kg	1470 / 1945	1405 / 2215
Wheels and chassis	3.1	Tyres: C=Cushion, SE=Superelastic, PN=Pneumatic, TW=Twin	C - SE - PN	
	3.2	Tyre size, front	432x152 - 18x7-8 - 18x7-8	457x178 - 200/50-10
	3.3	Tyre size, rear	381x127 - 16x6-8 - 16x6-8	381x127 - 16x6-8
	3.5	Wheels, number front/rear (x = driven)	2x / 2	
	3.6	Track width, front b10 (mm)	823 - 835 - 835	812 - 845
	3.7	Track width, rear b11 (mm)	863 - 843 - 843	863 - 843
Dimensions	4.1	Mast tilt, forward/backward α / β (degrees)	2° 30' / 6°	
	4.2	Height of mast, lowered h1 (mm)	2160	2160
	4.3	Free lift h2 (mm)	80	80
	4.4	Lift height h3 (mm)	3170	3170
	4.5	Height of mast, extended h4 (mm)	3720	3720
	4.7	Height of overhead guard h6 (mm)	2191	2191
	4.8	Height of driver's seat h7 (mm)	1167	1167
	4.12	Towing coupling height h10 (mm)	382	382
	4.19	Overall length l1 (mm)	2910	2960
	4.20	Length to fork face l2 (mm)	1910	1960 (a)
	4.21	Overall width b1/b2 (mm)	1020 - 1020 - 1020 / NO	1020 - 1050 / NO
	4.22	Fork dimensions s/e/l (mm)	35 x 100 x 1000	35 x 120 x 1000
	4.23	Fork carriage to DIN 15173, class/form A, B	II A	
	4.24	Width of fork carriage b3 (mm)	900	900
	4.31	Floor clearance, mast (with load) m1 (mm)	100	100
	4.32	Floor clearance, centre of wheel-base (with load) m2 (mm)	83	83
	4.33	Aisle width with pallets 1000 x 1200 across forks Ast (mm)	3259	3288 (a)
	4.34	Aisle width with pallets 800 x 1200 along forks Ast (mm)	3408	3437 (a)
	4.35	Turning radius Wa (mm)	1619	1648
	4.36	Minimum distance between the centres of rotation b13 (mm)	-	
Performance	5.1	Travel speed, with/without load km/h	14 / 15	14 / 15
	5.2	Lifting speed, with/without load m/s	0.34 / 0.54	0.32 / 0.54
	5.3	Lowering speed, with/without load m/s	0.51 / 0.45	0.51 / 0.45
	5.5	Tractive force, with/without load N	2820 / 3140	2740 / 3140
	5.6	Maximum tractive force, with/without load, S2 5 minute rating N	8680 / 9000	8620 / 9000
	5.7	Climbing ability, with/without load, S2 30 minute rating %	6.4 / 10.7	5.2 / 9.4
	5.8	Maximum climbing ability, with/without load, S2 5 minute rating %	17.5 / 28	15 / 25
	5.9	Acceleration time, with/without load s	-	
	5.10	Service brake: mechanical/hydraulic/electric/pneumatic	hydraulic	
Electric motor	6.1	Drive motor, S2 60 minute rating kW	4.5 x 2	4.5 x 2
	6.2	Lift motor, S3 15% rating kW	10	10
	6.3	Battery according to DIN 43531/35/36 A, B, C, NO	-	
	6.4	Battery voltage/rated capacity (5 h) V/Ah	48 / 640 - 840	48 / 640 - 840
	6.5	Battery weight kg	1275	1275
	6.6	Energy consumption in acc. with VDI-cycle kWh/h	-	
Others	8.1	Type of drive control	AC MOSFET	
	8.2	Working pressure for attachments bar	140	140
	8.3	Oil flow for attachments l/min	-	
	8.4	Noise level at driver's ear dB (A)	-	
	8.5	Towing coupling, design/type DIN	-	

(a) With side shift = +34 mm

NOTES: Unless otherwise specified, all data refer to vehicles with SE tyres. All performance figures refer to fully run-in vehicles, in perfect working status with homologated tyres mix, battery fully charged and excellent

