

HERCU 

colibri E

ELECTRIC TRUCKS

1.4t 1.6t 2.0t



UP WITHOUT LIMITS

CHARACTERISTICS			HERCU JSC			
			COLIBRI E			
1	Manufacturer		HERCU JSC			
2	Type		t	E 14	E 16	E 20
3	Load capacity	Q - capacity	mm	1.4	1.6	2.0
4	Nominal load center	C - distance			500	
5	Power type	Electric(battery), diesel, gas, petrol			electric (battery)	
6	Driver position	Standing, seated			seated	
7	Tyres	L - pneumatic, SE - superelastic front / rear		L(SE)/L(SE)		(SE)/(SE)
8	Wheels (X-drive)	Number, front / rear			2x/2	
9		h3 - duplex mast	mm		3300*	
10	Mast lift heights	h2 - standart free lift duplex mast	mm		100	
11		h5 - full lift duplex mast	mm			
12	Carriage	according to DIN 15173 A / B / no			2A	
13	Fork dimensions	S - E - L	mm	40x80x1200		40x100x1200
14	Mast tilt angles	Forward(α) / backward(β)	Deg.		5° / 7°	
15		L2 - truck length - overall	mm	2170		2200
16		B - wight	mm	1080		1140
17	Overall dimensions	h1 - mast height - lowered	mm		2240	
18		h4 - mast height - raised	mm		3850	
19		h6 - height loadguard	mm		1980	
20		h7 - sead height	mm		940	
21	Turning radius	Wa	mm		2000	
22	From front axle to fork face	X	mm		374	
23	Aisle width	Ast4 - palet 800x1200/1000x1200	mm	3524 / 3724		3725 / 3925
24	Speeds	Travel laden / unladen	km/h		12.0 / 14.0	
25		Lifting laden / unladen	m/s		0.25 / 0.30	0.20 / 0.25
26		Lowering laden / unladen	m/s		Max 0.5 / min 0.3	
27	Drawbar pull	Laden / unladen	N		8500 / 9100	
28	Gredeability	Laden / unladen	%		18 / 20	
29	Weight	Unladen(including battery)	kg		2995	3450
30		Laden front / rear	kg	3895 / 500	4095 / 500	4990 / 460
31	Axle weight	Unladen front / rear	kg	1530 / 1465	1530 / 1465	1800 / 1650
32		Wheels	Front / rear	PCs.		2x2
33	Tyre size	Front		18x7 - 8PR16		200 / 50 - 10SE
34		Rear		16x6 - 8PR14		16x6 - 8SE
35	Wheelbase	Y	mm		1450	
36	Track	Spw1 / Spw2 front / rear	mm		920 / 940	
37	Ground clearance	m1 - load at lowest point	mm		90	
38		m2 - load at wheelbase centre	mm		100	
39	Service brake	Mech. / hydr. / electric / pneumatic			hydraulic	
40	Parking brake	Foot / hand			hand	
41	Battery	Type DIN 43536A			24x5 PzS 500	
42		Voltage / capacity	V/Ah		48 / 500	
43		Mass	kg		863	
44	Electric motors	Traction, power S2 (60)	kw	4,2 x 2		4,9 x 2
45		Lift, power S3 (3/10)	kw	10 / 8,5		10
46	Control type	Driver			MOSFET controler	
47		Load handling				MOSFET controler
48	Transmission	Type			Planetary gear	
49	Working pressure	For attachments	Mpa		15	
50		Q	l/min		23	
51	Noise level	at drivers ear	Db(A)		68	

*For additional heights see table 1 and table 2

* Electric forklifts in accordance with BDS EN 1726 – 1.

* Other variants of specifications and characteristics and batteries are possible. Dimensions and parameters as shown are for reference only. They have been obtained under laboratory testing conditions. They could vary in accordance with the operation mode and corresponding variants.

* HERCU JSC reserves the right to introduce changes to the specifications and products without notice.

Table 1

Type	Q _t									
	Simplex		Duplex				Triplex			
E 14	3700	4000	4500	5000	2800	4200	4800	5150	6000	
E 16	1.4	1.4	1.35	1.3	1.4	1.4	1.3	1.2	1.1	
E 20	1.45	1.4	1.35	1.3	1.6	1.4	1.3	1.2	1.1	
	1.8	1.75	1.6	1.5	2.0	1.7	1.65	1.5	1.35	

Table 2

Type	E 14 ; E 16 ; E 20									
	Simplex		Duplex				Triplex			
h3	3700	4000	4500	5000	2800	4200	4800	5150	5500	6000
h1	2480	2630	2880	3130	1990	1980	2200	2310	2430	2430
h4	3105	3255	3505	3755	3380	4760	5360	5710	5060	6560
h2	100	100	100	100	0	-	-	-	-	-
h5	-	-	-	-	1420	1420	1640	1750	1870	2040
α/β	5/7	5/7	5/7	3/6	5/7	5/7	3/6	3/6	3/6	3/6
x	374	374	374	374	374	394	394	394	394	394

