

HERCU 

albatros E

ELECTRIC TRUCKS
2.5t 3.0t 3.5t

albatros



UP WITHOUT LIMITS

CHARACTERISTICS	HERCU JSC		E 25			E 30			E 35			
	Q - capacity	t	2,5			3,0			3,5			
1	Manufacturer	HERCU JSC										
2	Type	ALBATROS E										
3	Load capacity	Q - capacity	t	2,5			3,0			3,5		
4	Nominal load center	C - distance	mm	500			500			500		
5	Power type	Electric(battery), disel, gas, petrol									electric (battery)	
6	Driver position	Standing, seated									seated	
7	Tyres	L - pneumatic, SE - superelastich front / rear									L(SE) / L(SE)	
8	Wheels (X-drive)	Number, front / rear		2x / 2			2x / 2			2x / 2		
9		h3 - duplex mast		mm			3300*			3300*		
10	Mast lift heights	h2 - standart free lift duplex mast		mm			130			130		
11		h5 - full lift duplex mast		mm			130			130		
12	Carriage	according to DIN 15173 A / B / no										
13	Fork dimensions	S - E - L		mm			40x100x1200			45x125x1200		
14	Mast tilt angles	Forward(α) / backward(β)		Grad			5.0 / 12.0			5.0 / 12.0		
15		L2 - truck length - overall		mm			2610			2775		
16		B - wight		mm			1217			1217		
17	Overall dimensions	h1 - mast height - lowered		mm			2240			2240		
18		h4 - mast height - raised		mm			3825			3825		
19		h6 - height loadguard		mm			2220			2220		
20		h7 - sead height		mm			1174			1174		
21	Turning radius	Wa		mm			2655			2790		
22	From front axle to fork face	X		mm			495			495		
23	Aisle width	Ast4 - palet 800x1200 / 1000x1200		mm			3866 / 4066			3866 / 4066		
24		Travel laden / unladen		km/h			12.0 / 14.0			12.0 / 14.0		
25	Speeds	Lifting laden / unladen		m/s			0.40 / 0.45			0.40 / 0.45		
26		Lowering laden / unladen		m/s			Max 0.5 / min 0.3			Max 0.5 / min 0.3		
27	Drawbar pull	Laden / unladen		N			10 000			11 000		
28	Gredeability	Laden / unladen		%			16 / 18			15 / 17		
29	Weight	Unladen (including battery)		kg			4200			4550		
30	Axle weight	Laden front / rear		kg			6100 / 600			6950 / 600		
31		Unladen front / rear		kg			2200 / 2000			2350 / 2200		
32	Wheels	Front / rear		PCs.			2x2			2x2		
33	Tyre size	Front		23x9 - 10			23x10 - 12			23x10 - 12		
34		Rear		18x7 - 8			18x7 - 8			18x7 - 8		
35	Wheelbase	Y		mm			1700			1800		
36	Track	Spw1 / Spw2 front / rear		mm			991 / 1024			991 / 1024		
37	Ground clearance	m1 - load at lowest point		mm			130			130		
38		m2 - load at wheelbase centre		mm			170			170		
39	Service brake	mech. / hydr. / electric / pneumatic									hydraulic	
40	Parking brake	Foot / hand									hand	
41	Battery	Type DIN 43536A		40x4 PzS 400			40x5PzS 500			40x6PzS 600		
42		Voltage/capacity		V/Ah			80 / 400			80 / 500		
43		Mass		kg			1210			1458		
44	Electric motors	Traction, power S2 (60)		kw			13,5			13,5		
45		Lift, power S3 (3/10)		kw			12			14		
46	Control type	Driver									MOSFET controler	
47		Load handling									MOSFET controler	
48	Transmission	Type									Planetary gear	
49	Working pressure	For attachments		Mpa			16			16		
50		Q		l/min			32			32		
51	Noise level	At drivers ear		Db(A)			76			76		

*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				
	X	3700	4000	4500	5000	X	2800	X	4300	4800	5100	5500	6000
E 25	495	2,38	2,30	2,20	2,10	495	2,50	520	2,24	2,14	2,08	2,02	1,95
E 30	495	2,85	2,77	2,63	2,52	495	3,00	520	2,68	2,50	2,50	2,42	2,33
E 35	495	3,33	3,23	3,07	2,94	495	3,50	520	3,14	3,00	2,92	2,82	2,72

Table2

Type	E 25 ; E 30 ; E 35										
	Simplex				Duplex			Triplex			
h3	3700	4000	4500	5000	2800	4300	4800	5100	5500	6000	
h1	2440	2590	2840	3190	1980	2060	2220	2340	2460	2630	
h4	4225	4525	5025	5525	3325	4760	5260	5600	5960	6470	
h2	130	130	130	130	-	-	-	-	-	-	
h5	-	-	-	-	1460	1460	1640	1750	1860	2020	
α/β	5/12	5/12	5/12	3/6	5/12	5/12	3/6	3/6	3/6	3/6	

