

HERCU 

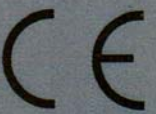
albatros D/G

DIESEL AND LPG TRUCKS

2.5t 3.0t 3.5t 4.0t 5.0t



albatros



UP WITHOUT LIMITS

TECHNICAL PARAMETERS AND CHARACTERISTICS

CHARACTERISTICS	1 Manufacturer		HERCU JSC																			
	2 Type		ALBATROS D/G																			
CHARACTERISTICS	3 Load capacity		25 D		25 G		30 D		30 G		35 D		35 G		40 D		50 D		50 D			
	4 Nominal load center		Q - capacity		t		2.5		2.5		3.0		3.0		3.5		3.5		4.0		5.0	
CHARACTERISTICS	5 Power type		Electric(battery), disel, gas, petrol		diesel		gas		diesel		gas		diesel		gas		diesel		diesel		diesel*	
	6 Driver position		Standing, seated																			
CHARACTERISTICS	7 Tyres		L - pneumatic, SE - superelastic front / rear		L(SE) / L(SE)																	
	8 Wheels (X-drive)		Number, front/rear		2x (4x) / 2		2x (4x) / 2		2x (4x) / 2		4x (2x) / 2		4x / 2		4x / 2		4x / 2					
DIMENSIONS	9 Mast lift heights		h3 - duplex mast		mm		3300*															
	10 Mast lift heights		h2 - standart free lift duplex mast		mm		130															
DIMENSIONS	11 Mast lift heights		h5 - full lift duplex mast		mm																	
	12 Carriage		According to DIN 15173 A / B / no				2A		3A		4A											
DIMENSIONS	13 Fork dimensions		S - E - L		mm		40x100x1200		45x125x1200		50x140x1200											
	14 Mast tilt angles		Forward(α) / backward(β)		Deg.		5° / 12°															
DIMENSIONS	15 Overall dimensions		L2 - truck length - overall		mm		2580		2781		2781		2868		3068		3068					
	16 Overall dimensions		B - wight		mm		1217(1707)		1217(1707)		1217(1707)		1707(1217)		1707		1707					
DIMENSIONS	17 Overall dimensions		h1 - mast height - lowered		mm		2240		2240		2240		2240		2340		2340					
	18 Overall dimensions		h4 - mast height - raised		mm		3825		3825		3825		3825		4140		4140					
DIMENSIONS	19 Overall dimensions		h6 - height loadguard		mm		2220		1174													
	20 Overall dimensions		h7 - seat height		mm																	
DIMENSIONS	21 Turning radius		Wa		mm		2580		2620		2650		3410									
	22 From front axle to fork face		X		mm		468		498		520											
PERFORMANCE	23 Aisle width		Ast4 - palet 800x1200 / 1000x1200		mm		4051 / 4251		4249 / 4449		4335/4539		4911 / 5111									
	24 Travel laden / unladen				km/h		19 / 20				18 / 19											
PERFORMANCE	25 Lifting laden / unladen				m/s		0.5 / 0.55		0.45 / 0.5		0.5 / 0.55		0.4 / 0.4		0.36 / 0.36							
	26 Lowering laden / unladen				m/s		Max 0.5 / min 0.3															
PERFORMANCE	27 Drawbar pull		Laden / unladen		N		18600				20000		45000									
	28 Gredeability		Laden / unladen		%		26		24		20		30									
WEIGHT	29 Weight		Unladen (including battery)		kg		4150		4710		5000		5320		6070		6560					
	30 Axle weight		Laden front / rear		kg		5890 / 760		6880 / 830		7687 / 813		8520 / 800		10040/1030		10718/ 842					
WEIGHT	31 Axle weight		Unladen front / rear		kg		2010 / 2050		2560 / 2150		2130 / 2870		2280 / 3040		2780 / 3290		2920 /3640					
	32 Wheels		Front / rear		PCs.		2(4) / 2				4(2) / 2		4 / 2									
CHASSIS	33 Tyre size		Front				8,15 - 15 PR 14		6,50 - 10 PR 14													
	34 Tyre size		Rear																			
CHASSIS	35 Wheelbase		Y		mm		1710		1800		2000											
	36 Track		Spw1 / Spw2 front / rear		mm		991 (1245) 1024		1245 / 1024													
CHASSIS	37 Ground clearance		m1 - load at lowest point		mm		130 min		170 min													
	38 Service brake		m2 - load at wheelbase centre		mm		hydraulic		hand													
DRIVE UNIT & CONTROL	39 Parking brake		Foot / hand				IVECO N45MNA		60 / 2300		4 / 4500		57		hydrodynamic		Torque converte		16			
	40 Internal		Power		KW/rpm																	
DRIVE UNIT & CONTROL	41 Combustion		Cylinders / displacement		PCs/cm3																	
	42 Engine		Fuel tank capacity		L																	
DRIVE UNIT & CONTROL	43 Transmission		Type																			
	44 Coupling		Type																			
DRIVE UNIT & CONTROL	45 Hydraulic pressure		For attachments		Mpa																	

*For additional heights see table 1 and table 2

** C=600 mm

* Reference data for forklift trucks with IVECO engine.

* Forklifts in accordance with BDS EN 1726 - 1.

* Other variants of specifications and characteristics 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
25D[G]	468	2.50	2.43	2.28	2.13	464	2.50	486	2.31	2.14	1.99	1.85
30D[G]	498	3.00	3.00	2.79	2.65	495	3.00	520	2.83	2.69	2.55	2.44
35D[G]	498	3.50	3.45	3.18	2.99	495	3.50	520	3.23	3.03	2.89	2.78
40D	520	4.00	3.85	3.57	3.37	520	4.00	545	3.60	3.39	3.23	3.12
50D	520	4.90	4.75	4.41	4.10	-	-	545	4.44	4.15	3.95	3.80
50D**	520	4.80	4.65	4.31	4.00	-	-	545	4.29	4.02	3.81	3.65

Table 2

Type	25 D [G] ; 30 D [G] ; 35 D [G] ; 40 D									
	Simplex				Duplex				Triplex	
h3	3700	4000	4500	5000	2800	4300	4800	5100	5500	6000
h1	2440	2590	2840	3190	2060	2060	2220	2340	2460	2630
h4	4225	4525	5025	5525	3415	4912	5412	5762	6112	6612
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

Type	50 D									
	Simplex				Triplex					
h3	3700	4000	4500	5000	4300	4800	5100	5500	6000	
h1	2540	2690	2940	3290	2160	2320	2440	2560	2730	
h4	4540	4840	5340	5840	5012	5512	5862	6212	6712	
h2	130	130	130	130	-	-	-	-	-	
h5	-	-	-	-	1460	1640	1750	1860	2020	
α/β	5/12	5/12	5/12	3/6	3/6	3/6	3/6	3/6	3/6	

