

HERCÚ

colibri D/G

DIESEL and LPG TRUCKS

1.6t 2.0t 2.5t



colibri



UP WITHOUT LIMITS

TECHNICAL PARAMETERS AND CHARACTERISTICS

CHARACTERISTICS	HERCU JSC		COLIBRI D / G		16 D	16 G	20 D	20 G	25 D	25 G
	1	Manufacture	HERCU JSC							
2	Type	COLIBRI D / G								
3	Load capacity	Q - capacity	t		1.6	1.6	2.0	2.0	2.5	2.5
4	Nominal load center	C - distance	mm				500			
5	Power type	Electric(battery), disel, gas, petrol								
6	Driver position	Standing, seated								
7	Tyres	L - pneumatic, SE- superlastic front / rear			L(SE) / L(SE)		(SE) / (SE)		L(SE) / L(SE)	
8	Wheels (X-drive)	Number, front / rear								
9	Mast lift heights	h3 - duplex mast	mm				3300			
10		h2 - standart free lift duplex mast	mm				100			
11		h5 - full lift duplex mast	mm							
12	Carriage	according to DIN 15173 A / B / no								
13	Fork dimensions	S - E - L	mm		40 x80x1200		2A		40x100x1200	
14	Mast tiltangles	Forward(α) / backward(β)		Deg.			5° / 7°			
15	Overall dimensions	L2 - truck length - overall	mm		2128		2233		2303	
16		B - wight	mm		1080		1080		1120	
17		h1 - mast height - lowered	mm		2210		2210		2280	
18		h4 - mast height - raised	mm		3805		3805		3825	
19		h6 - height loadguard	mm		1994		1994		2050	
20		h7 - sead height	mm		994		994		1050	
21		Wa	mm		1980		2070		2180	
22	From front axle to fork face	X	mm				374			
23	Aisle width	Ast4-palet 800x1200/1000x1200		mm	3354 / 3554		3444 / 3844		3554 / 3794	
24	Speeds	Travel laden / unladen		km/h	17 / 17,5		19 / 19,5		20 / 20,5	
25	Performance	Lifting laden / unladen		m/s			0,4 / 0,5			
26		Lowering laden / unladen		m/s			max0,5 - min0,3			
27	Drawbar pull	Laden / unladen		N			16470		14300	
28	Gredeability	Laden / unladen		%	35		30		24	
29	Weight	Unladen(including battery)		kg	2800		3140		3400	
30	Axle weight	Laden front / rear		kg	3860 / 540		4600 / 540		5280 / 620	
31		unladen front / rear		kg	1200 / 1600		1220 / 1920		1270 / 2130	
32	Wheels	Front / rear		PCs.			2x2			
33	Tyre size	Front			18x7 - 8PR16		200 / 50 - 10SE		21x8 - 9 PR16	
34		Rear			18x7 - 8PR16		18x7 - 8SE		18x7 - 8PR16	
35	Wheelbase	Y		mm	1370		1370		1370	
36	Track	Spw1 / Spw2 front / rear		mm	906 / 900		906 / 900		936 / 900	
37	Ground clearance	m1 - load at lowest point		mm			80		100	
38		m2 - oad at wheelbase centre		mm			110		124	
39	Service brake	Mech. / hydr. / electric. / pneumatic								
40	Parking brake	Foot / hand								
41	Drive Unit & Control	Manufacturer / type			VW028ADG	VW028ADF	VW028ADG	VW028ADF	VW028ADG	VW028SDF
42		Power		KW / rpm	35.5 / 2800	40 / 2800	35.5 / 2800	40 / 2800	35.5 / 2800	40/2800
43	Internal Combustion Engine		Cylinders / displacement	Pcs / cm ²	4 / 1900	4 / 1800	4 / 1900	4 / 1800	4 / 1900	4 1800
44	Fuel tank capacity		L				34			
45	Transmission	Type								
46	Coupling	Type								
47	Hydraulic pressure	For attachments		Mpa			20			

*For additional heights see table 1 and table 2
 * Reference data for forklift trucks with VW 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		
16 D[G]	1.45	1.4	1.35	1.3	1.6	1.4	1.3	1.2	1.1
20 D[G]	1.8	1.75	1.6	1.5	2.0	1.7	1.65	1.5	1.35
25 D[G]	2.8	2.2	2.1	2.0	2.5	2.1	2.0	1.8	1.7

Table 2

Type	16 D [G] ; 20 D [G] ; 25 D [G]								
	Simplex			Duplex			Triplex		
h3	3700	4000	4500	5000	2800	4200	4800	5150	6000
h1	2480	2630	2660	3130	1990	1950	2200	2310	2430
h4	3105	3255	3505	3755	3380	4760	5360	5710	6560
h2	100	100	100	100	0	-	-	-	-
h5	-	-	-	-	1420	1420	1640	1750	1870
α/β	5/10	5/10	5/10	3/6	5/10	5/10	3/6	3/6	3/6
x	374	374	374	374	374	394	394	394	394

