

**HERCULE**

**FENIX**

**DIESEL FORKLIFT TRUCKS**

**10t    12t    16t**



**UP WITHOUT LIMITS**

CHARACTERISTICS			100 D	120 D	140 D	160 D	
			t	12	14	16	
1	Manufacturer	<b>HERCU JSC</b>					
2	Type	<b>FENIX D</b>					
3	Load capacity	Q - capacity					
4	Nominal load center	C - distance	mm		600		
5	Power type	Electric(battery), diesel, gas, petrol			diesel		
6	Driver position	Standing, seated			seated		
7	Tyres	L - pneumatic, SE - superelastic front / rear			L(SE) / L(SE)		
8	Wheels (X-drive)	Number, front / rear			4x2		
9		h3 - duplex mast	mm		4000		
10	Mast lift heights	h2 - standart free lift duplex mast	mm		200		
11		h5 - full lift duplex mast	mm				
12	Carriage	according to DIN 15173 A / B / no					
13	Fork dimensions	S - E - L	mm		80x200x1600		
14	Mast tilt angles	Forward( $\alpha$ ) / backward( $\beta$ )	Grad		5°/10°		
15		L2 - truck length - overall	mm		4750		
16		B - wight	mm		2500		
17	Overall dimensions	h1 - mast height - lowered	mm		3350		
18		h4 - mast height - raised	mm		5420		
19		h6 - height loadguard	mm		2726		
20		h7 - sead height	mm		1646		
21	Turning radius	Wa	mm		4000		
22	From front axle to fork face	X	mm		920	980	
23	Aisle width	Ast4 - palet 800x1200 / 1000x1200	mm		6120 / 6320	6180 / 6380	
24		Travel laden / unladen	km/h				
25	Speeds	Lifting laden / unladen	m/s		0,25 / 0,27		
26		Lowering laden / unladen	m/s		0,23 / 0,14		
27	Drawbar pull	Laden / unladen	N		92 000		
28	Gredeability	Laden / unladen	%		25 / 28		
29	Weight	Unladen(including battery)	kg	15 600	17 000	18 000	19 400
30		Laden front / rear	kg	23160 / 1900	26580 / 2420	29740 / 2460	32910 / 2490
31	Axle weight	Unladen front / rear	kg	8090 / 6970	8500 / 8500	8650 / 9550	8800 / 10600
32	Wheels	Front / rear	PCs.			4x2	
33	Tyre size	Front		11,00 - 20		12,00 - 20	
34		Rear		11,00 - 20		12,00 - 20	
35	Wheelbase	Y	mm		3000		
36	Track	Spw1 / Spw2 front / rear	mm		1825 / 1872		
37	Ground clearance	m1 - load at lowest point	mm		250		
38		m2 - load at wheelbase centre	mm		350		
39	Service brake	Mech. / hydr. / electric / pneumatic				Hydraulic booster	
40	Parking brake	Foot / hand				Hydraulic with el.control	
41	Internal Combustion Engine	Manufacturer / type		IVECO N67MNA		IVECO N67MNTD	
42		Power	KW/rpm		81 / 2500		129 / 2300
43	Fuel tank capacity	Cylinders / displacement	PCs/cm3		6 / 6000		
44		Fuel tank capacity	L		210		
45	Transmission	Type			CLARK (3+3)		
46	Coupling	Type			Torque converter		
47	Hydraulic pressure	For attachments	Mpa		20		

\* 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.

