

**HERCU**

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**DIESEL FORKLIFT TRUCKS**

**10t 12t 14t 16t 18t 20t 25t 32t 36t**



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**UP WITHOUT LIMITS**

		HERCU JSC																				
CHARACTERISTICS	1	Manufacturer	HERCU JSC																			
	2	Type	HERCU D																			
	3	Load capacity	Q - capacity	t	100 D 4x4	10	120 D	12	140 D	14	160 D	16	180 D	18	200 D	20	250 D	25	320 D	32	360 D	36
	4	Nominal load center	C - distance	mm	900																	
	5	Power type	Electric(battery), diesel, gas, petrol																			
	6	Driver position	Standing, seated																			
DIMENSIONS	7	Tyres	L - pneumatic, SE - superelastoc front / rear	L / SE																		
	8	Wheels (X-drive)	Number, front / rear	4x / 2x																		
	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	70/200/2400	90/220/2400	100 / 250 / 2400											110/250 / 2400	115/310/2400			
	14	Mast tilt angles	Forward( $\alpha$ ) / backward( $\beta$ )	Grad	5°/10° (5°/12°)																	
	15		L2 - truck length - overall	mm	4600	5510	5550	2600											2850	6000	6200	6800
	16		B - wight	mm																		
	OVERALL DIMENSIONS	17		h1 - mast height - lowered	mm	3340	3550	3600	3600											4000	4600	
18			h4 - mast height - raised	mm	5400	5500											6000	6600				
19			h6 - height loadguard	mm	2850	2900											3100	3200	3250			
20			h7 - sead height	mm	1500	1550											1750	1850	1900			
21			Wa	mm	5100																	
PERFORMANCE	22	Turning radius	X	mm	990(1030)	1100	1027											1050	1150			
	23	From front axle to fork face	X	mm	990(1030)	1100	1027											1050	1150			
	24	Aisle width	Ast4 - palet 800x1200 / 1000x1200	mm	6700	8300	8400											8700	9200	9800	10350	
	25	Speeds	Travel laden / unladen	km/h	14 / 18	24 / 24	24 / 27															
			Lifting laden / unladen	m/s	0,29 / 0,42	0,28 / 0,34	0,25 / 0,30											0,23/0,27	0,16 / 0,20			
	26		Lowering laden / unladen	m/s	0,28 / 0,30	0,29 / 0,27	0,28 / 0,26															
			Drawbar pull	Laden / unladen	kN	80	90	91											180	210		
	27	Gredeability	Laden / unladen	%	24																	
			Weight	Unladen(including battery)	kg	17680	19500	21000	23000	26550	30150	35500	48300									
	WEIGHT	30	Axle weight	Laden front / rear	kg	25380/2300	29100/2400	33400/2300	36800/2200	42550/2800	46550/3600	55850/4700	72500 / 7900									
Unladen front / rear				kg	8100 / 9580	9910/8500	10350/10250	10700/12300	13200/ 13050	16600/ 13550	17050/ 18450	22200 / 26050										
CHASSIS		32	Wheels	Front / rear	PCs.	4 / 2																
	33	Tyre size	Front	10,00 - 20											12,00 - 20	14,00 - 24	16,00 - 25	18,00 - 25				
			Rear	10,00 - 20											12,00 - 20	14,00 - 24	16,00 - 25	18,00 - 25				
	34	Wheelbase	Y	mm	2600	3500											4000	4200	4500			
	36	Track	Spw1 / Spw2 front / rear	mm	2020 / 1720											2020 / 1696	2240 / 2010	2440 / 2510				
			Ground clearance	m1 - load at lowest point	mm	300											300	400	500			
	DRIVE UNIT & CONTROL	38	Service brake	Mech. / hydr. / electric / pneumatic																		
				39	Parking brake	Foot / hand																
41		Internal Combustion Engine	Manufacturer / type	IVECO N67 MNTD / CUMMINS																		
			Power	KW/rpm	89 / 2200	129 / 2300											149 / 2500	186 / 2200				
42		Transmission	Cylinders/displacement	PCs/c³	6 / 5900																	
			43	Fuel tank capacity	L	180																
			44	Type	250																	
45	Coupling	Type	Hydrodynamic Clark																			
		46	Hydraulic pressure	Mpa	SAE 3																	

\*For additional heights see table 1 and table 2  
 \* 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)		
	X	Simplex	5000
D120/1200	1220	11590	11060
D160/1200	1050	15450	14740

Table 2

1200 ; D 160 / 1200		
	Simplex	
h3	4500	5000
h1	3850	4100
h4	5700	6200
h2	200	200
h5	-	-
$\alpha/\beta$	5/10	5/10
X	1025	1025

