

DCG420-12 FORKLIFT

42.0T DIESEL HEAVY DUTY FORKLIFT



Dimensions.

		DCG380-12S	DCG380-12	DCG420-12S		
MAIN DATA	Model designation	DCG380-12S	DCG380-12	DCG420-12S		
	Power source	Diesel	Diesel	Diesel		
	Rated capacity / rated load	kg	38000	38000	42000	
	Load center distance	mm	L4	1200		
	Load distance, center of drive axle to fork	mm	L2	1305		
	Wheelbase	mm	L3	5000	5000	
WEIGHTS	Service weight	kg	51400	49400	53900	
	Axle loading, unloaded front	kg	26400	26700	26400	
	Axle loading, loaded front	kg	83400	82000	89400	
	Axle loading, unloaded rear	kg	25000	22700	27500	
	Axle loading, loaded rear	kg	6000	5400	6500	
WHEELS	Type, front / rear		Pneumatic / Pneumatic			
	Tyre size, front	inch	18.00x25			
	Tyre size, rear	inch	18.00x25			
	Number of wheels, front / rear (x = driven wheels)		4* - 2			
	Track width, front / rear	mm	S	3030 / 2625		
	Tyre pressure	MPa	1.0			
DIMENSIONS	Mast tilt, α = forward / β = backward	°	α / β	5 / 10		
	Height of mast lowered	mm	H3	5050		
	Lift height	mm	H4	5000		
	Height of mast extended	mm	H5	7550		
	Truck height – EGO / OHG cabin roof	mm	H6	3550		
	Seat height	mm	H8	2500		
	Height when tilting EGO cab / OHG	mm	T1	4000		
	Width when tilting EGO cab / OHG	mm	T2	4200		
	Truck length (to face of forks)	mm	L	7300	7800	7300
	Truck width	mm	B	4150		
	Fork dimensions, width	mm	b	300		
	Fork dimensions, thickness	mm	a	135		
	Fork dimensions, length of fork arm	mm	l	2400		
	Fork carriage width	mm	b3	3700		
	Width over fork arms, minimum / maximum	mm	V	3350 / 950		
	Sideshift \pm @ width over forks	mm	V1 / V	700 / 1950		
	Ground clearance, laden, below mast	mm		270		
	Ground clearance, machine	mm		240		
	Min. aisle width for 90° stacking with forks	mm	A1	10805	11305	10805
	Turning radius	mm	R1	6900	7400	6900
Internal turning radius	mm	R2	1000	1100	1000	
OTHERS	Operating pressure for hydraulics	MPa	19.5	19.5	21	
	Hydraulic oil tank, capacity	l	600			
	Fuel tank, capacity	l	450			
	AdBlue tank, capacity	l	35			

1. 4 + 2 pneumatic / diagonal tyres
2. Depending on ECO Drive Mode setting

HIRE

SALES

SERVICE

LEASE

TRANSPORT

DCG420-12 FORKLIFT

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DCG420-12	DCG450-12S	DCG450-12	DCG480-12S	DCG480-12	DCG520-12	DCG540-12
Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
42000	45000	45000	48000	48000	52000	54000
			1200			
1305	1305	1305	1430	1430	1430	1430
5500	5000	5500	5500	6000	6000	6000
51700	55800	53500	61900	59700	62000	63100
26700	26400	26700	32000	32300	32300	32300
87800	93900	92200	103000	101300	107100	110000
25000	29400	26800	29900	27400	29700	30800
5900	6900	6300	6900	6400	6900	7100
18.00x25	18.00x25	18.00x25	18.00x33	18.00x33	18.00x33	18.00x33
18.00x25	18.00x25	18.00x25	18.00x33	18.00x33	18.00x33	18.00x33
4* - 2	4* - 2	4* - 2	4* - 2			
3030 / 2625	3030 / 2625	3030 / 2625	3030 / 2815	3030 / 2815	3030 / 2815	3030 / 2815
			1.0			
			5 / 10			
5050	5050	5050	5600	5600	5600	5600
			5000			
7550	7550	7550	8100	8100	8100	8100
3550	3550	3550	3650	3650	3650	3650
2500	2500	2500	2600	2600	2600	2600
4000	4000	4000	4100	4100	4100	4100
			4200			
7800	7300	7800	8025	8525	8525	8525
			4150			
			300			
135	135	135	145	145	145	145
			2400			
			3700			
3350 / 950	3350 / 950	3350 / 950	3310 / 990	3310 / 990	3310 / 990	3310 / 990
700 / 1950	700 / 1950	700 / 1950	700 / 1910	700 / 1910	700 / 1910	700 / 1910
			270			
240	240	240	300	300	300	300
11305	10805	11305	12180	12680	12680	12680
7400	6900	7400	8150	8650	8650	8650
1100	1000	1100	1100	1200	1200	1200
21	22	22	22	19.5	21	21.5
			600			
			450			
			35			

WA

NT

QLD

NSW

VIC

SA