

HIRE

SALES

SERVICE

LEASE

TRANSPORT

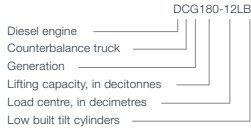
## DCG220-12 FORKLIFT

### 22.0T DIESEL HEAVY DUTY FORKLIFT

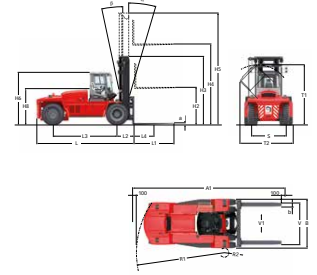
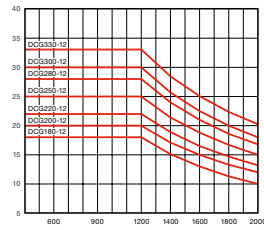


### Dimensions

#### Model designation



Lifting capacity in tonnes



			DCG180-12LB	DCG200-12LB	DCG220-12LB	DCG250-12LB	DCG280LB	DCG300LB	DCG330LB
<b>Lifting</b>	Lifting capacity	Rated	18000	20000	22000	25000	28000	30000	33000
		Load centre	L4	1200	1200	1200	1200	1200	1200
<b>Dimensions</b>	Truck	Length, without forks	L	6090	6090	6090	6340	6925	6925
		Width	B	3050	3050	3050	3050	3430	3430
		Height, basic machine	H6	3270	3270	3300	3270	3415	3415
		Seat height	H8	2150	2150	2350	2150	2300	2300
		Distance between centre of front axle and front face of fork arm	L2	1070	1070	1070	1070	1125	1125
		Wheelbase	L3	4200	4200	4200	4250	4750	4750
		Track (c-c), front - rear	S	2200 - 2140	2200 - 2140	2200 - 2140	2200 - 2140	2540 - 2440	2540 - 2440
		Turning radius, outer	R1	5600	5600	5600	5875	6600	6600
		Turning radius, inner	R2	425	425	425	550	950	950
		Ground clearance, min.		300	300	300	300	300	300
		Max. height when tilting cab	T1	3800	3800	3800	3800	3800	3800
		Max. width when tilting cab	T2	3700	3700	3700	3700	3800	3800
		Min. aisle width for 90° stacking with forks	A1	9270	9270	9270	9550	10325	10325
	Standard duplex mast	Lifting height	H4	5000	5000	5000	5000	5000	5000
		Mast height, min.	H3	4320	4320	4320	4320	4520	4520
Mast height, max.		H5	6820	6820	6820	6820	7020	7020	
Forks	Mast tilting, forwards - backwards	a - b	°	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	
	Width	b	mm	250	250	250	300	300	
	Thickness	a	mm	110	110	110	110	110	
	Length of fork arm	l	mm	2400	2400	2400	2400	2400	
	Width across fork arms, max. - min.	V	mm	2600 - 1000	2600 - 1000	2600 - 1000	2600 - 1000	2750 - 1550	
	Sideshift ± at width across fork arms	V1 - V	mm	400 - 1800	400 - 1800	400 - 1800	400 - 1800	300 - 2150	
<b>Weight</b>	Service weight		kg	28500	29600	31200	35900	39500	
	Axle load front	Unloaded	kg	15000	15000	15000	15500	20500	
		At rated load	kg	43200	46300	49500	53800	64900	
	Axle load back	Unloaded	kg	13500	14800	16200	17400	19000	
	At rated load	kg	3300	3500	3700	4100	4300		
<b>Wheels, brakes and steering</b>	Wheels/tyres	Type		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	
		Dimensions, front - rear	inch	14.00x24 - 14.00x24	14.00x24 - 14.00x24	14.00x24 - 14.00x24	14.00x24 - 14.00x25	16.00x25 - 16.00x25	
		Number of wheels, front - rear (driven)		4* - 2	4* - 2	4* - 2	4* - 2	4* - 2	
		Pressure	Mpa	1.0	1.0	1.0	1.0	1.0	
	Steering system	Type - manoeuvring					Hydraulic servo - Steering wheel		
Service brake system	Type - affected wheels					Oil cooled disc brakes (wet disc brakes) - Drive wheels			
Parking brake system	Type - affected wheels					Dry, spring activated disc brake - Drive wheels			
<b>Miscellaneous</b>	Hydraulic pressure	Max.	Mpa	16.5	18	20	22	19.5	
	Hydraulic fluid volume		l	330	330	330	330	330	
	Fuel volume		l	300	300	300	375	450	

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