Industrial trucks

CD 15/18/20/25/30/35 P
CG 15/18/20/25/30/35 P

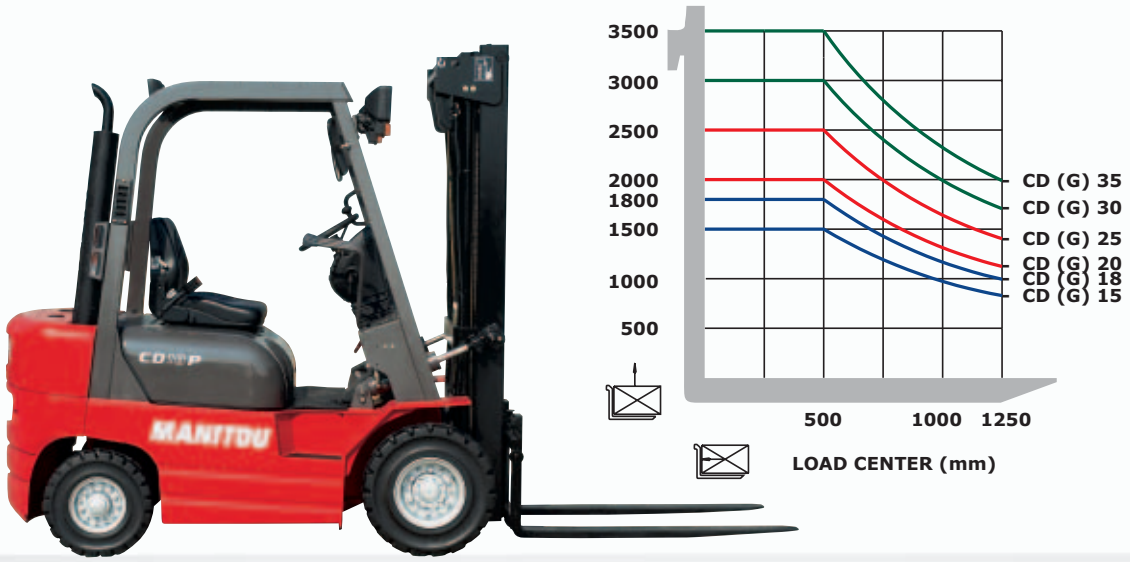
MANITOU

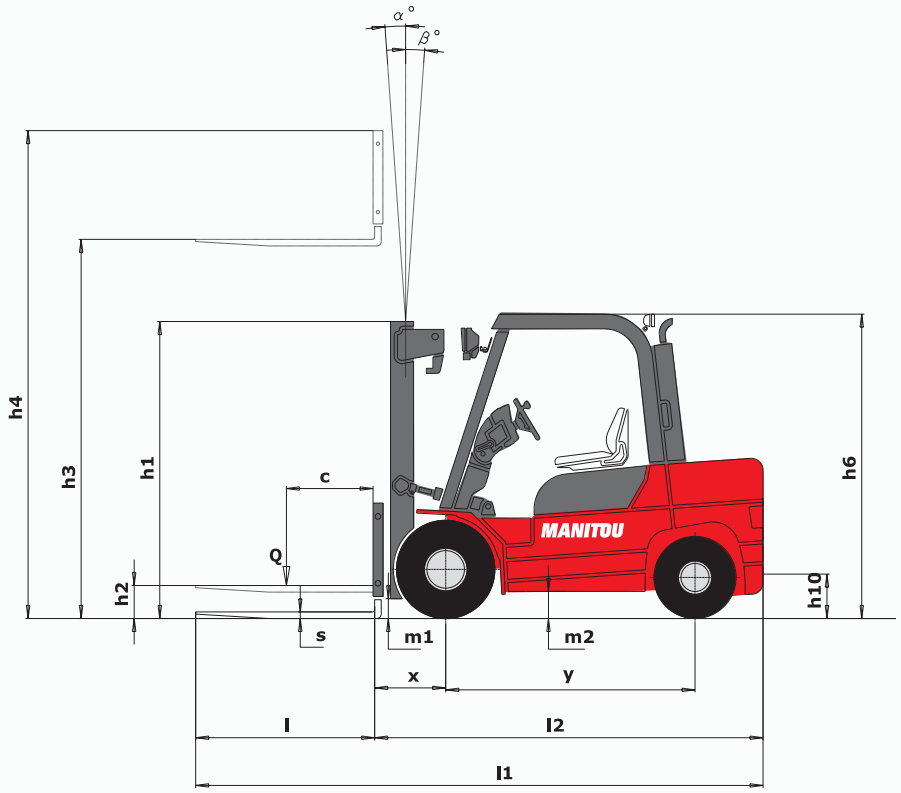
TECHNICAL SPECIFICATION

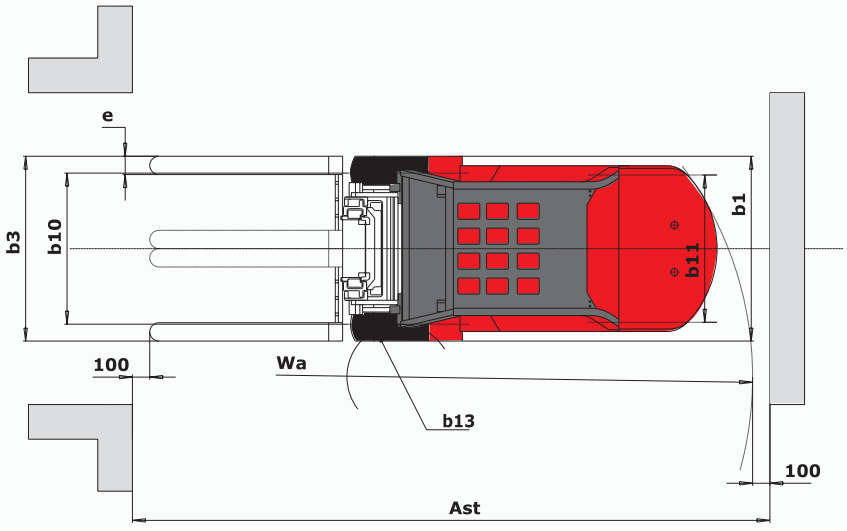
Description	1.1	Manufacturer
	1.2	Type of model
	1.3	Power source: battery, diesel, petrol, LPG, mains
	1.4	Driving position: manual, walking alongside, standing, seated
	1.5	Nominal load / Load on forks (basic capacity)
	1.6	Centre of gravity of the load Visibly safer
	1.8	Distance from the load-bearing surface to centre of front axle
	1.9	Wheelbase
Weight	2.1	Kerb weight of truck
	2.2	Front axle load laden
	2.2.1	Rear axle load laden
	2.3	Front axle load unladen
	2.3.1	Rear axle load unladen
Running carriage	3.1	Tyre equipment: bandage(V), superelastic(SE), pneumatic(L)
	3.2	Size of front wheels
	3.3	Size of rear wheels
	3.5	Number of front wheels (x = drive wheel)
	3.5.1	Number of rear wheels (x = drive wheel)
	3.6	Front wheel gauge (middle of wheels)
	3.7	Rear wheel gauge (middle of wheels)
Dimensions	4.1	Tilt of mast forwards
	4.1.1	Tilt of mast backwards
	4.2	Height mast lowered
	4.3	Normal free lift
	4.4	Height of lift
	4.5	Height mast extended
	4.7	Height of driver protection (cab)
	4.8	Height of seat
	4.12	Height of towing bar
	4.19	Overall length
	4.20	Length at fork heels
	4.21	Total width (overall)
	4.22	Section of fork arms
	4.22.1	Width of fork arms
	4.22.2	Length of fork arms
	4.23	Fork carriage to DIN 15173 A/B
	4.24	Width of fork carriage
	4.31	Ground clearance of mast
	4.32	Ground clearance at centre of wheel-base
	4.33	Width of aisle for pallet 1000x1200 crossways
	4.34	Width of aisle for pallet 800x1200 lengthways
	4.35	Turning radius
	4.36	Inner turning radius
Performance	5.1	Speed of travel laden
	5.1.1	Speed of travel unladen
	5.2	Speed of raise laden
	5.2.1	Speed of raise unladen
	5.3	Speed of lowering laden
	5.3.1	Speed of lowering unladen
	5.5	Nominal towing power laden
	5.5.1	Nominal towing power unladen
	5.7	Slope laden
	5.7.1	Slope unladen
	5.9	Acceleration time laden
	5.9.1	Acceleration time unladen
	5.10	Service brake
Engine	7.1	Manufacturer / Type of engine
	7.2	Power delivery according to ISO/TR 14396
	7.3	Rated speed
	7.4	Number of pistons / Cubic capacity
Miscell.	8.1	Speed control
	8.2	Hydraulic pressure to serve accessories
	8.3	Oil flow for accessories
	8.4	Average noise level for the driver (in motion) measured / guaranteed

	MANITOU		MANITOU		MANITOU		MANITOU		MANITOU		MANITOU	
	CD15P	CD18P	CG15P	CG18P	CD20P	CD25P	CG20P	CG25P	CD30P	CD35P	CG30P	CG35P
	Diesel		LPG		Diesel		LPG		Diesel		LPG	
	Seated		Seated		Seated		Seated		Seated		Seated	
Q (t)	1,5	1,8	1,5	1,8	2	2,5	2	2,5	3	3,5	3	3,5
c (mm)	500		500		500		500		500		500	
x (mm)	420		420		455		455		485		485	
y (mm)	1400		1400		1600		1600		1700		1700	
kg	2900	3100	2875	3075	3625	4080	3640	3915	4510	4940	4370	4700
kg	3860	4160	3860	4160	5060	5535	5060	5535	6585	7305	6585	7305
kg	460	660	515	715	565	840	620	895	730	830	785	885
kg	1130	1230	1130	1230	1485	1595	1485	1595	1905	1795	1905	1795
kg	1690	1790	1745	1845	2140	2280	2200	2335	2410	2840	2465	2895
	SE		SE		SE		SE		SE		SE	
" or mm	6.50-10 - 10 PR		6.50-10 - 10 PR		7.00-12 - 12 PR		7.00-12 - 12 PR		28-9 - 15 PR	28-12.5 - 15 PR	28-9 - 15 PR	28-12.5 - 15 PR
" or mm	5.00-8 - 8 PR		5.00-8 - 8 PR		6.00-9 - 10 PR		6.00-9 - 10 PR		6.5-10 - 10 PR		6.5-10 - 10 PR	
	2x		2x		2x		2x		2x		2x	
	2		2		2		2		2		2	
b10 (mm)	880		880		960		960		1030	1100	1030	1100
b11 (mm)	900		900		970		970		970		970	
α (°)	6		6		6		6		6		6	
β (°)	12		12		12		12		12		12	
h1 (mm)	2170		2170		2170		2170		2200		2200	
h2 (mm)	195		195		200		200		205		205	
h3 (mm)	3355		3355		3360		3360		3365		3365	
h4 (mm)	4270		4270		4270		4270		4347		4347	
h6 (mm)	2060		2060		2120		2120		2135		2135	
h7 (mm)	-		-		-		-		-		-	
h10 (mm)	280		280		300		300		320		320	
l1 (mm)	3460	3495	3460	3495	3675	3735	3675	3735	3870	3930	3870	3930
l2 (mm)	2240	2275	2240	2275	2455	2515	2455	2515	2650	2710	2650	2710
b1 (mm)	1050		1050		1150		1150		1260	1390	1260	1390
s (mm)	35		35		40		40		45		45	
e (mm)	100		100		120		120		125		125	
l (mm)	1100		1100		1100		1100		1200		1200	
	FEM2A		FEM2A		FEM2A		FEM2A		FEM3A		FEM3A	
b3 (mm)	1050		1050		1150		1150		1260		1260	
m1 (mm)	115		115		120		120		160		160	
m2 (mm)	120		120		140		140		165		165	
Ast (mm)	3500	3535	3500	3535	3755	3815	3755	3815	4015	4075	4015	4075
Ast (mm)	3300	3335	3300	3335	3555	3615	3955	3615	3815	3875	3815	3875
Wa (mm)	1880	1915	1880	1915	2100	2160	2100	2160	2330	2390	2330	2390
b13 (mm)	280		280		320		320		360		360	
km/h	-		-	-	-		-		-	-	-	
km/h	21		21		21		21		22		22	
m/s	0,68		0,60		0,63		0,61		0,5	0,35	0,48	0,34
m/s	0,78		0,78		0,73		0,71		0,6		0,58	
m/s	0,53		0,48		0,52		0,52		0,51		0,51	
m/s	0,50		0,44		0,48		0,48		0,46		0,46	
N	9820		11840	10520	19780		19780		19300	17800	19300	17800
N	8700		8870	8210	13280		13280		14600	14610	14600	14610
%	20,5	17,5	22,9	20,2	27,5		27,5		22,4	17,2	22,4	17,2
%	27	24	27,7	25,1	23,1		23,1		32,9	29,6	32,9	29,6
s	-		-		-		-		-		-	
s	-		-		-		-		-		-	
	drum brakes		drum brakes		drum brakes		drum brakes		drum brakes		drum brakes	
	KUBOTA V2403		NISSAN K21		KUBOTA V3300		NISSAN K25		KUBOTA V3300		NISSAN K25	
kW	35,4		34		44,1		40		44,1		40	
r.p.m.	2600		2200		2600		2200		2600		240	
cm3	4/2434		4/2065		4/3318		4/2488		4/3318		4/2488	
	-		-		-		-		-		-	
bar	185		185		185		185		185		185	
L / min	88,5		88,5		99,6		99,6		99,6		99,6	
dB (A)	-		-		-		-		-		-	

FORK LOAD CAPACITY







1,5 T 1,8 T	Lifting mast	Height of free lift	Height of mast when...			Tilt angle		Capacity at maximum height (kg) LC 500 mm	
	mm	H2	lowered H1	extended with backrest H4	extended without backrest H'4	F	R	1,5 T	1,8 T
Duplex total visibility	3300 std	195	2170	4265	-	6°	12°	1500	1800
	3700	195	2350	4625	-	6°	12°	1500	1800
	4000	195	2510	4945	-	6°	6°	1500	1800
Duplex free lift	3300	1660	2170	4295	3880	6°	12°	1500	1800
	3700	1840	2350	4635	4220	6°	12°	1500	1800
Triplex free lift	4500	1500	2010	5455	5040	6°	6°	1300	1600
	5000	1660	2170	5955	5540	6°	6°	1100	1200
	5500	1840	2350	6475	6060	6°	6°	-	900
	6000	2000	2510	6955	6540	6°	6°	500	600

2 T 2,5 T	Lifting mast	Height of free lift	Height of mast when...			Tilt angle		Capacity at maximum height (kg) LC 500 mm	
	mm	H2	lowered H1	extended with backrest H4	extended without backrest H'4	F	R	2 T	2,5 T
Duplex total visibility	3300 std	200	2170	4270	-	6°	12°	2000	2500
	3700	200	2350	4630	-	6°	12°	2000	2500
	4000	200	2510	4950	-	6°	6°	2000	2500
Duplex free lift	3300	1660	2170	4295	3890	6°	12°	2000	2500
	3700	1840	2350	4635	4230	6°	12°	2000	2500
Triplex free lift	4500	1500	2010	5455	5050	6°	6°	-	1950
	5000	1660	2170	5955	5550	6°	6°	-	1450
	5500	1840	2350	6475	6070	6°	6°	-	1150
	6000	2000	2510	6955	6550	6°	6°	-	850

3 T 3,5 T	Lifting mast	Height of free lift	Height of mast when...			Tilt angle		Capacity at maximum height (kg) LC 500 mm	
	mm	H2	lowered H1	extended with backrest H4	extended without backrest H'4	F	R	3 T	3,5 T
Duplex total visibility	3300 std	205	2185	3845	-	6°	12°	3000	3500
	3700	205	2365	4205	-	6°	12°	3000	3500
	4000	205	2525	4525	-	6°	6°	3000	3500
Duplex free lift	3300	1590	2195	4370	3990	6°	12°	3000	3500
	3700	1770	2375	4710	4330	6°	12°	3000	3500
Triplex free lift	4500	1430	2030	5530	5150	6°	6°	2600	3000
	5000	1590	2190	6030	5650	6°	6°	1950	2600
	5500	1770	2370	6550	6170	6°	6°	1500	1900
	6000	1930	2530	7030	6650	6°	6°	1050	1250

MANITOU Industry
A comprehensive offering at your service

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A comprehensive range of warehousing equipment

3-wheel and 4-wheel electric-powered range

1.5T to 3T lift trucks

Engine powered range

1.5T to 7T lift trucks

The specifications contained herein shall not bind the manufacturer and are subject to change without notice.
The equipment described in this brochure can be standard, optional or unavailable, depending on the versions.
For more details, contact your MANITOU dealer.

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Direction export

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