



CPCD20/25/30/35/38

DIESEL FORKLIFT



Ergonomic



Compliance with
Environment



Maintenance
Easy



Design
Durable



Capacity
2,000–3,800 kg



High
Performance



Best value
value for money

Pourquoi choisir entre le prix et la qualité quand on peut avoir les deux !

CPCD20/25/30/35/38 - PRODUCT OVERVIEW

// Professional Internal Combustion Forklift

The CPCD (diesel) series of internal combustion forklifts developed by Noblift features state-of-the-art technology. These forklifts are equipped with an engine that meets Stage IV emissions standards. The entire series offers more environmentally friendly operation thanks to its optimized transmission and hydraulic system. Energy consumption is minimized.

// Performance

Ground clearance has been increased to improve maneuverability on uneven surfaces.

A larger fuel tank capacity provides greater range.

Thanks to a larger-diameter lift cylinder, complemented by wider chains and fork carriage rollers, mast reliability is enhanced. This robust design significantly reduces the risk of failure.

The hydraulic system has been optimized to speed up mast lifting and lowering.

The forward/reverse controls allow for smoother transitions, facilitate precise maneuvers, and improve driving comfort.

// Safety

The long wheelbase enhances the forklift's stability and improves its load capacity.

The reduced load on the rear axle extends the service life of the steering tires.

The wider mast provides an optimal field of view, and its lowering shock absorber helps reduce impact.

// Comfort

Its ergonomic design increases cabin space for greater operator comfort.

The entry step and handle are wider to make it easier for the operator to get in.

The one-piece front chassis opens without tools for easy access to the engine for maintenance.



CPCD20/25/30/35/38 - PRODUCT FEATURES



Spacious cab for greater comfort. The adjustable suspension seat minimizes vibrations and reduces fatigue, regardless of the operator's build.

FHPS steering provides smooth and precise maneuverability, even with one hand.



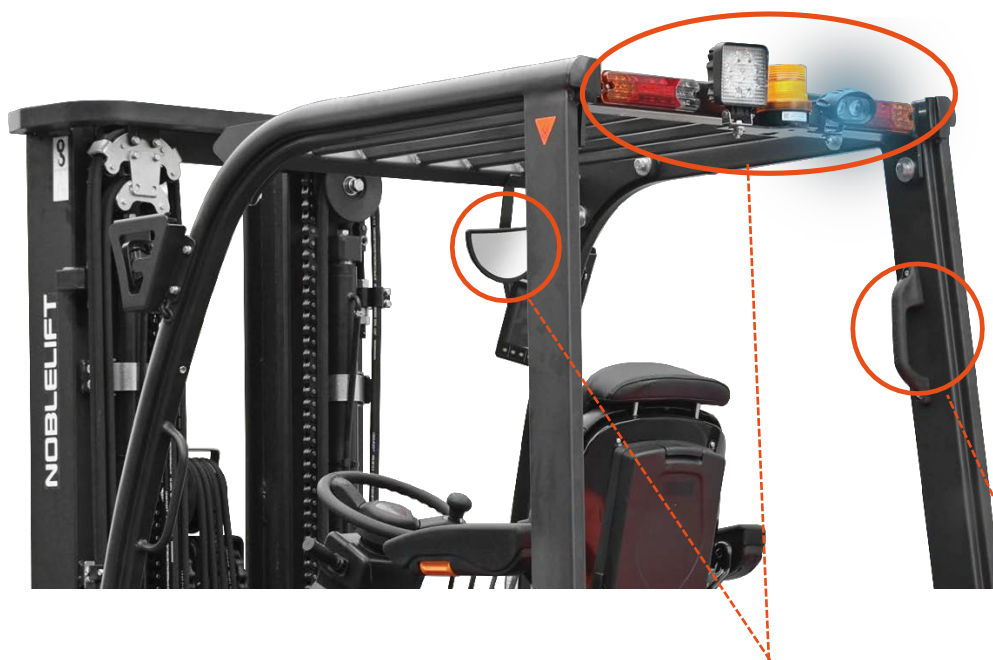
Intelligent damping protects the floor and the load when the forks are lowered. Side shift

The integrated control system allows for precise fork positioning. The large-diameter, soft solid tires ensure a stable and comfortable ride.



The wide mast provides an expanded field of view during operations. The integrated OPS system automatically locks the lift and travel functions when the operator is not on board the forklift.

CPCD20/25/30/35/38 - PRODUCT SPECIFICATIONS



LCD display integrated into the field of view for immediate and safe reading.

The LED headlights and front lights ensure optimal visibility in low-light areas, while the blue light alerts pedestrians.

Panoramic rearview mirrors and LED taillights enhance safety when reversing.

An audible warning signal built into the rear handle makes it easier to use when reversing.



Air filtration system effectively prevents dust from entering.

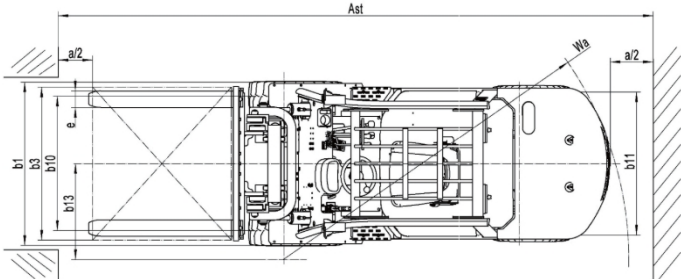
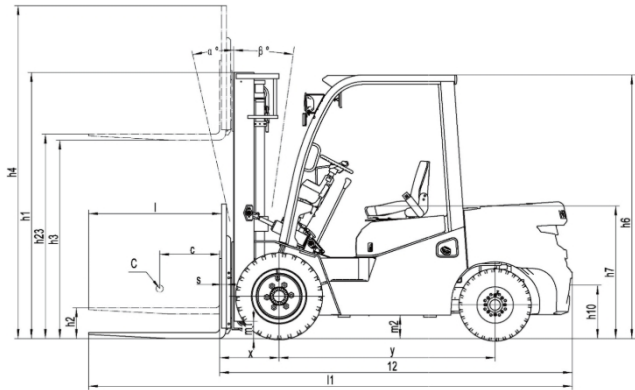


A gas-strut-assisted engine hood with an integrated lock provides quick (by opening the hood) and full access to components to simplify maintenance.

CPCD20/25/30/35/38 - PRODUCT SPECIFICATIONS

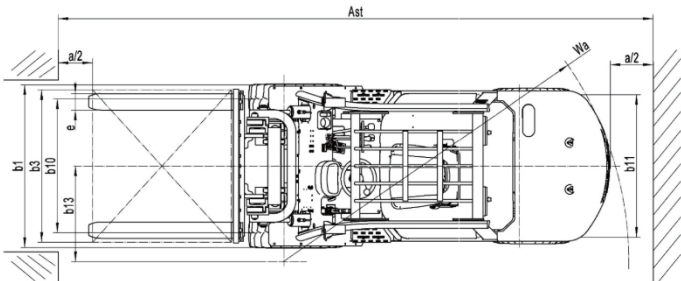
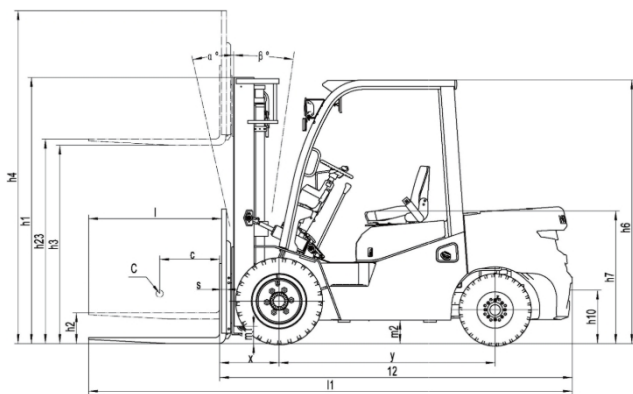


Designation	Mast Table	Lifting Height (mm)	Mast Height			Free lift		Front counterbalance (mm)	Tilt angle front / rear (°)	Capacity			
			Folded mast height (mm)	Mast height when extended (mm)						Capacity Chart (kg) C=500 mm without accessories			
				without load support	with load backrest	without load backrest	with load backrest			Single tire		Dual tire	
										2 T	2.5 metric tons	2 metric tons	2.5 metric tons
Duplex	A20/25/M200	2000	1,615	2,635	3,045	140	140	465	6/12	2,000	2,500	2,000	2,500
	A20/25/M250	2500	1,745	3,135	3,545	140	140	465	6/12	2,000	2,500	2,000	2,500
	A20/25/M270	2700	1,895	3,335	4,045	140	140	465	6/12	2000	2,500	2,000	2,500
	A20/25/M300	3,000	1945	3,635	4,045	140	140	465	6/12	2000	2,500	2,000	2,500
	A20/25/M330	3,300	2,145	3,935	4,345	140	140	465	6/12	2000	2,500	2,000	2,500
	A20/25/M350	3,500	2,245	4,135	4,545	140	140	465	6/12	2,000	2,500	2,000	2,500
	A20/25/M360	3600	2,345	4,235	4,645	140	140	465	6/12	2000	2,500	2,000	2,500
	A20/25/M370	3,700	2,395	4,335	4,745	140	140	465	6/12	2,000	2,500	2,000	2,500
	A20/25/M380	3,800	2,445	4,435	4,845	140	140	465	6/12	2,000	2,500	2,000	2,500
	A20/25/M400	4,000	2,595	4,635	5,045	140	140	465	6/6	1900	2,300	2,000	2,500
	A20/25/M430	4300	2745	4,935	5,345	140	140	465	6/6	1,800	2,100	1950	2,450
	A20/25/M450	4,500	2,845	5,135	5545	140	140	465	6/6	1,700	2000	1,900	2,400
	A20/25/M480	4,800	2995	5,435	5,845	140	140	465	6/6	1,500	1,700	1,700	2,100
	A20/25/M500	5,000	3,095	5,635	6,045	140	140	465	6/6	1,400	1,600	1600	2000
	A20/25/M550	5,500	3,345	6,135	6,545	140	140	465	3/6	1,300	1,400	1,500	1,800
	A20/25/M600	6,000	3,595	6,635	7,045	140	140	465	3/6	1,000	1,000	1,200	1,600
Duplex with large open floor plan	A20/25/U250	2,500	1,810	3,170	3,545	1,140	760	465	6/12	2,000	2,500	2,000	2,500
	A20/25/U270	2,700	1,910	3,370	3,745	1,240	860	465	6/12	2,000	2,500	2,000	2,500
	A20/25/U300	3,000	2010	3,670	4,045	1,340	960	465	6/12	2,000	2,500	2,000	2,500
	A20/25/U330	3,300	2,160	3,970	4,345	1,490	1,110	465	6/12	2000	2,500	2,000	2,500
	A20/25/U360	3,600	2,310	4,270	4,645	1,640	1,260	465	6/12	2000	2,500	2,000	2,500
	A20/25/U400	4,000	2,560	4,670	5,045	1,890	1,510	465	6/12	1900	2,300	2000	2,500
Triplex with large free stroke	A20/25/N400	4000	1955	4,695	5,055	1,270	910	475	6/6	1,800	2,100	1950	2,450
	A20/25/N430	4,300	2055	4,995	5,355	1,370	1,010	475	6/6	1,700	2000	1900	2,400
	A20/25/N450	4,500	2125	5,245	5,605	1,440	1,080	475	6/6	1,600	1900	1,800	2,300
	A20/25/N480	4,800	2,225	5,495	5,855	1,540	1,180	475	6/6	1,500	1,700	1,700	2,200
	A20/25/N500	5,000	2,290	5,695	6,055	1,605	1,245	475	6/6	1,400	1600	1,600	2,000
	A20/25/N550	5,500	2,455	6,195	6,555	1,770	1,410	475	6/6	1,050	1,200	1,500	1,800
	A20/25/N600	6,000	2,630	6,705	7,055	1970	1,630	475	3/6	700	800	1,200	1,500
	A20/25/N650	6,500	2,875	7,195	7,555	2,165	1,805	475	3/6	700	800	1,300	1,450
	A20/25/N700	7,000	3,055	7,725	8,055	2340	2010	475	3/6	\	\	1,200	1,300



Identification				
1.1	Manufacturer's Model Designation		CPCD20	CPCD25
1.2	Powertrain: electric (battery or grid), diesel, gasoline, manual		Diesel	Diesel
1.4	Type of operation		Seated	Seated
1.5	Load capacity/rated load	Q (kg)	2000	2500
1.6	Center of gravity	c (mm)	500	500
1.8	Load distance between the center of the drive axle and the fork	x (mm)	465	465
1.9	Wheelbase	y (mm)	1660	1,660
Weight				
2.1	Operating weight	kg	3,500	3,800
2.2	Axle load, front/rear	kg	4,870/630	5,600/730
2.3	Axle load, unloaded (front/rear)	kg	1,600/1,900	1,600/2,200
Wheels, chassis				
3.1	Type: solid rubber, super-elastic, pneumatic, polyurethane		Pneumatic	Pneumatic
3.2	Front tire size		7.00-12-12PR	7.00-12-12PR
3.3	Rear tire size		6.00-9-10PR	6.00-9-10PR
3.4	Number of front/rear wheels (x = driven wheels)		2X/2	2X/2
3.5	Front track width	b10 (mm)	973	973
3.6	Rear track width	b11 (mm)	980	980
Basic dimensions				
4.1	Mast/fork tilt angle (front/rear)	α/β (°)	6/12	6/12
4.2	Mast height (retracted)	h1 (mm)	1995	1995
4.3	Free lift	h2(mm)	140	140
4.4	Lifting height	h3(mm)	3000	3000
4.4a	Lifting height	h23(mm)	3040	3040
4.5	Extended mast height	h4 (mm)	4025	4025
4.7	Height of protective roof (cab)	h6(mm)	2130	2130
4.8	Seat height / standing height	h7 (mm)	1030	1030
4.12	Hitch height	h10 (mm)	400	400
4.19	Overall length	l1 (mm)	3698	3,698
4.20	Length to the front of the forks	l2 (mm)	2628	2628
4.21	Overall width	b1 (mm)	1150/1163	1150/1163
4.22	Fork dimensions	L/W/H (mm)	1070/120/40	1070/120/40
4.23	Fork mounting class		3A	3A
4.24	Fork carriage width	b3 (mm)	1040	1040
4.31	Ground clearance, when loaded, under the mast	m1 (mm)	120	120
4.32	Ground clearance, center of the carriage	m2 (mm)	170	170
4.34.1	Aisle width for 1000x1200 pallets placed crosswise	Ast (mm)	3935	3935
4.34.2	Aisle width for 800x1200 pallets placed lengthwise	Ast (mm)	4135	4135
4.35	Turning radius	Wa (mm)	2270	2270
4.36	Lateral turning radius	b13 (mm)	615	615
Performance data				
5.1	Travel speed with load/unloaded	km/h	18/18	18/18
5.2	Lifting speed with load/unloaded	mm/s	580/600	580/600
5.3	Lowering speed, with load/unloaded	mm/s	400/420	400/420
5.6	Maximum tensile force, loaded/unloaded, mechanical drive	kN	20/13	20/13
5.6a	Max. tensile force, loaded/unloaded, hydrodynamic drive	kN	20/13	20/13
5.7	Maximum grade, loaded/unloaded S2, mechanical drive	%	20/20	20/20
5.7a	Max. gradient performance, loaded/unloaded S2 hydrodynamic drive	%	20/20	20/20
5.10	Service brake		Hydraulic	Hydraulic
Engine				
7.2	Engine power (ISO 1585)	kW	36.8	36.8
7.3	Rated speed	rpm	2,500	2,500
7.4	Number of cylinders/displacement	cm ³	4/2,850	4/2,850
7.5a	Maximum torque	N·m/rpm	165/1,600–1,800	165/1,600–1,800
7.9	Rated voltage	V	12	12
7.10	Battery capacity	V/Ah	12/80	12/80
Additional Information				
8.1	Transmission type		Mechanical (hydrodynamic)	Mechanical (hydrodynamic)
8.2	Forward/Reverse Speed		2/2	2/2
8.3	Shift mode		Mechanical (hydraulic)	Mechanical (hydraulic)
Additional Information				
10.1	Operating pressure for accessories	MPa	18.5	18.5
10.2	Oil flow rate for accessories	L/min	50	50
10.4	Fuel tank capacity	L	60	60
10.8	Drive Axle Specification DIN 15170		30	30

Designation	Mast Table	Lifting Height (mm)	Mast Height						Free lift				Front counterbalance (mm)		Tilt angle Front / rear (°)	Capacity					
			Mast height folded (mm)		Mast height when extended (mm)											Capacity Table (kg) C=500 mm without accessories					
					without load support		with load backrest		without load backrest		with load backrest					Single tire			Dual tire		
			3 T	3.5/3.8 T	3 T	3.5/3.8T	3 T	3.5/3.8T	3 T	3.5/3.8T	3 T	3.5/3.8T	3 T	3.5/3.8T		3 T	3.5T	3.8T	3 T	3.5 metric tons	3.8 metric tons
Duplex	A30/35/M200	2000	1,555	1,670	2,670	2,790	3,105	3,105	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M250	2,500	1,805	1,920	3,170	3,290	3,605	3,605	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M270	2,700	1,905	2,020	3,370	3,490	3,805	3,805	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M300	3,000	2,055	2,170	3,670	3,790	4,105	4,105	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M330	3300	2,205	2,320	3,970	4,090	4,405	4,405	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M350	3500	2,305	2,420	4,170	4,290	4,605	4,605	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M360	3600	2,405	2,470	4,270	4,390	4,705	4,705	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M370	3700	2,455	2,520	4,370	4,490	4,805	4,805	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M380	3800	2,505	2,570	4,470	4,590	4,905	4,905	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M400	4,000	2,655	2,720	4,670	4,790	5,105	5,105	145	150	145	150	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/M430	4300	2,805	2,870	4,970	5,090	5,405	5,405	145	150	145	150	480	485	6/6	2,900	3,250	3,650	3,000	3,400	3,800
	A30/35/M450	4500	2,905	2,970	5,170	5,290	5,605	5,605	145	150	145	150	480	485	6/6	2,850	3,100	3,350	3,000	3,350	3,800
	A30/35/M480	4800	3,055	3,120	5,470	5,590	5,905	5,905	145	150	145	150	480	485	6/6	2,700	2,900	3,100	2,900	3,050	3,700
	A30/35/M500	5,000	3,155	3,220	5,670	5,790	6,105	6,105	145	150	145	150	480	485	6/6	2,550	2,800	2,850	2,850	2,850	3,450
	A30/35/M550	5,500	3,405	3,470	6,170	6,290	6,605	6,605	145	150	145	150	480	485	3/6	2,250	2,350	2,650	2,650	2,700	3,200
	A30/35/M600	6,000	3,655	3,720	6,670	6,790	7,105	7,105	145	150	145	150	480	485	3/6	1,550	1,750	2,200	2,200	2,400	2,800
Duplex with Large Clear Lift	A30/35/U250	2500	1,880	1,990	3,260	3,355	3,620	3,620	1,120	1,140	735	845	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/U270	2,700	1,980	2,090	3,460	3,555	3,820	3,820	1,220	1,240	835	945	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/U300	3,000	2,090	2,190	3,770	3,845	4,120	4,120	1,330	1,340	945	1045	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/U330	3,300	2,240	2,390	4,070	4,155	4,420	4,420	1,480	1,540	1095	1245	480	485	6/12	3,000	3,500	3,800	3,000	3,500	3,800
	A30/35/U360	3600	2,390	2,550	4,370	4,455	4,720	4,720	1,630	1,700	1245	1,405	480	485	6/12	3,000	3,500	3,700	3,000	3,500	3,700
	A30/35/U400	4,000	2,590	2,750	4,770	4,855	5,120	5,120	1,830	1,900	1,445	1,605	480	485	6/12	2,850	3,250	3,550	3,000	3,500	3,700
Triplex with Long Free Stroke	A30/35/N400	4,000	2005	2105	4,780	4,855	5,120	5,120	1,235	1,260	860	960	490	505	6/6	2,700	3,000	3,200	2,900	3,400	3,600
	A30/35/N430	4,300	2105	2205	5,080	5,155	5,420	5,420	1,335	1,360	960	1060	490	505	6/6	2,550	2,850	3,200	2,850	3,350	3,600
	A30/35/N450	4,500	2,175	2,175	5,335	5,355	5,670	5,670	1,405	1,430	1030	1130	490	505	6/6	2,400	2,700	3,100	2,700	3,200	3,550
	A30/35/N480	4,800	2,275	2,375	5,580	5,655	5,920	5,920	1,505	1,530	1130	1230	490	505	6/6	2,250	2,450	2,800	2,550	2,950	3,150
	A30/35/N500	5,000	2,340	2,440	5,780	5,855	6,120	6,120	1,570	1,595	1,195	1,295	490	505	6/6	2,100	2,300	2,600	2,400	2,800	3,100
	A30/35/N550	5,500	2505	2,605	6,280	6,355	6,620	6,620	1,735	1,760	1,360	1,460	490	505	3/6	1,650	1,800	2,050	2,250	2,550	2,800
	A30/35/N600	6,000	2,725	2,770	6,780	6,855	7,120	7,120	1,955	1,925	1,580	1,625	490	505	3/6	1,200	1,300	1,550	2,100	2,300	2,550
	A30/35/N650	6,500	2,900	3,000	7,280	7,355	7,615	7,615	2,130	2,155	1,755	1,850	490	505	3/6	\	\	\	1950	2050	2300
	A30/35/N700	7,000	3,105	3,170	7,780	7,855	8,115	8,115	2,335	2,325	1,960	2,125	490	505	3/6	\	\	\	1800	1850	2050



Identification					
1.1	Manufacturer's Model Designation		CPCD30	CPCD35	CPCD38
1.2	Powertrain: electric (battery or grid), diesel, gasoline, manual		Diesel	Diesel	Diesel
1.4	Type of operation		Seated	Seated	seated
1.5	Load capacity/rated load	Q (kg)	2000	1,800	1,800
1.6	Center of gravity	c (mm)	500	500	500
1.8	Load distance between the center of the drive axle and the fork	x(mm)	480	485	485
1.9	Wheelbase	y (mm)	1760	1,760	1,760
Weight					
2.1	Operating weight with battery	kg	4,250	4,560	4,760
2.2	Axle load, front/rear	kg	6,450/800	7,220/840	7,690/870
2.3	Axle load, unloaded front/rear	kg	1,750/2,500	1,760/2,800	1,760/3,000
Wheels, chassis					
3.1	Type: solid rubber, super-elastic, pneumatic, polyurethane		Pneumatic	Pneumatic	Pneumatic
3.2	Front tire size		28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
3.3	Rear Tire Size		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
3.4	Number of front/rear wheels (x = driven wheels)		2X/2	2X/2	2X/2
3.5	Front track width	b10 (mm)	1000	1000	1000
3.6	Rear track width	b11 (mm)	980	980	980
Basic Dimensions					
4.1	Mast/fork tilt angle (front/rear)	α/β (°)	6/12	6/12	6/12
4.2	Height of retracted mast	h1 (mm)	2055	2170	2170
4.3	Free lift	h2 (mm)	145	150	150
4.4	Lifting height	h3(mm)	3000	3000	3000
4.4a	Lifting height	h23 (mm)	3045	3050	3050
4.5	Extended mast height	h4 (mm)	4105	4105	4105
4.7	Height of the protective roof (cab)	h6 (mm)	2150	2150	2150
4.8	Seat height / standing height	h7 (mm)	1050	1050	1050
4.12	Hitch height	h10 (mm)	420	420	420
4.19	Overall length	l1 (mm)	3840	3905	3945
4.20	Length to the front of the forks	l2 (mm)	2770	2835	2875
4.21	Overall width	b1 (mm)	1195/1228	1195/1228	1195/1228
4.22	Fork dimensions	L/W/H (mm)	1070/122/45	1070/122/50	1070/122/50
4.23	Fork mounting class		3A	3A	3A
4.24	Fork carriage width	b3 (mm)	1100	1100	1100
4.31	Ground clearance, loaded, under the mast	m1 (mm)	140	140	140
4.32	Ground clearance, center of the carriage	m² (mm)	190	190	190
4.34.1	Aisle width for 1000x1200 pallets placed crosswise	Ast (mm)	4130	4195	4225
4.34.2	Aisle width for 800x1200 pallets placed lengthwise	Ast (mm)	4330	4395	4,425
4.35	Turning radius	Wa (mm)	2450	2510	2540
4.36	Lateral turning radius	b13 (mm)	715	715	715
Performance data					
5.1	Travel Speed with Load/Unloaded	km/h	19/20	19/20	19/20
5.2	Lifting speed with load/unloaded	m/s	460/480	380/410	380/410
5.3	Lowering speed, with load/unloaded	m/s	410/430	410/430	410/430
5.6	Maximum tensile force, loaded/unloaded, mechanical drive	kN	21/17	21/17	21/16
5.6a	Max. tensile force under load/unloaded with hydrodynamic drive	kN	21/17	21/17	21/16
5.7	Maximum Grade, Loaded/Unloaded S2 Mechanical Drive	%	20/20	20/20	20/20
5.7a	Max. gradient performance, loaded/unloaded S2 hydrodynamic drive	%	20/20	20/20	20/20
5.10	Service brake		Hydraulic	Hydraulic	Hydraulic
Engine					
7.2	Engine power (ISO 1585)	kW	36.8	36.8	36.8
7.3	Rated speed	rpm	2,500	2,500	2,500
7.4	Number of cylinders/displacement	cm³	4/2,850	4/2,850	4/2,850
7.5a	Maximum torque	N.m/rpm	165/1,600–1,800	165/1,600–1,800	165/1,600–1,800
7.9	Rated voltage	V	12	12	12
7.10	Battery capacity	V/Ah	12/80	12/80	12/80
Additional Information					
8.1	Transmission Type		Mechanical (hydrodynamic)		
8.2	Forward/Reverse Speed		2/2 (1/1)	2/2 (1/1)	2/2(1/1)
8.3	Shift mode		Mechanical (hydraulic)		
Additional Information					
10.1	Operating pressure for accessories	MPa	18.5	18.5	18.5
10.2	Oil volume for attachments	L/min	50	50	50
10.4	Fuel tank capacity	L	70	70	70
10.8	Specification for the drawbar according to DIN 15170		30	30	30



NOBLELIFT

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