



GP 20-35UX

2,000kg / 2,500kg / 3,000kg / 3,500kg

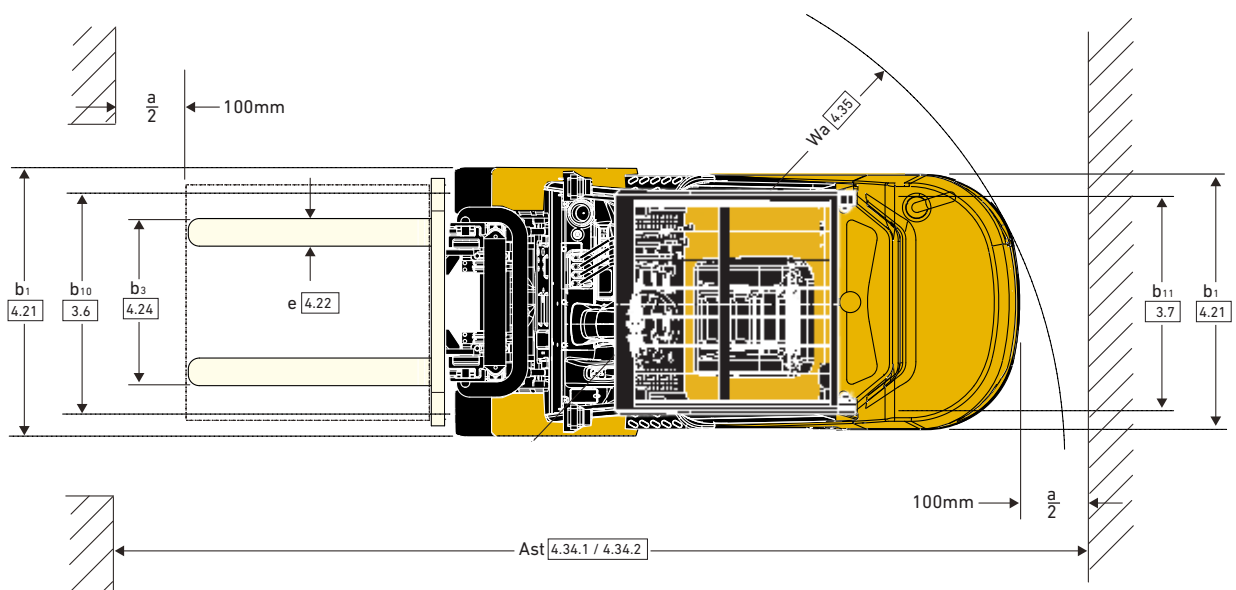
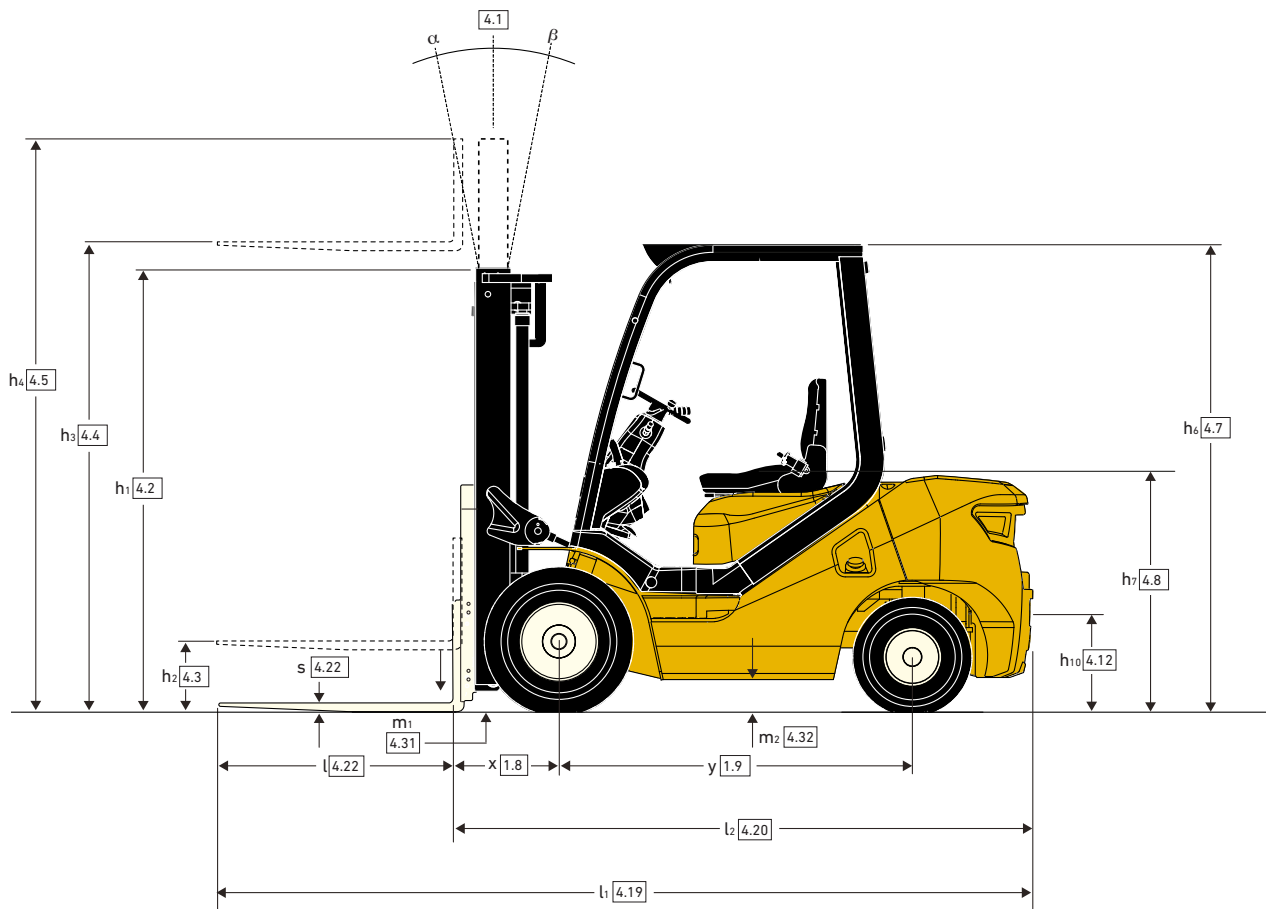
Diesel, LPG and Dual Fuel Forklift Trucks



SPECIFICATION SHEET

Models: GDP20UX, GDP25UX, GDP30UX, GDP35UX
GLP20UX, GLP25UX, GLP30UX, GLP35UX

Truck Dimensions



GP 20UX Mast details and capacity ratings (kg) - Pneumatic tyres

Mast type	Maximum Fork Lift (mm)	Lowered Height (mm)	Lift Height without LBR (mm)	Lift Height with LBR (mm)	Free Lift without LBR (mm)	Free Lift with LBR (mm)	Load Distance (mm)	Mast Tilt F° B°	Weight, 500mm LC Single Tyre (kg)	Weight, 500mm LC Dual Tyres (kg)
2 stage LFL	3000	2010	3575	3990	160	160	465	6 12	2000	2000
	3300	2160	3875	4290	160	160	465	6 12	2000	2000
	3700	2360	4275	4690	160	160	465	6 6	2000	2000
	4000	2560	4575	4990	160	160	465	6 6	2000	2000
3 stage FFL	4500	2060	5017	5490	1440	1070	485	6 6	1500	1800
	4800	2160	5317	5790	1540	1170	485	6 6	1250	1700
	5500	2425	6017	6490	1800	1430	485	3 6	850	1350
	6000	2610	6517	6990	1990	1620	485	3 6	700	1100
	6500	2825	7017	7490	2215	1835	485	3 6	400	800

GP 25UX Mast details and capacity ratings (kg) - Pneumatic tyres

Mast type	Maximum Fork Lift (mm)	Lowered Height (mm)	Lift Height without LBR (mm)	Lift Height with LBR (mm)	Free Lift without LBR (mm)	Free Lift with LBR (mm)	Load Distance (mm)	Mast Tilt F° B°	Weight, 500mm LC Single Tyre (kg)	Weight, 500mm LC Dual Tyres (kg)
2 stage LFL	3000	2010	3575	3990	160	160	465	6 12	2500	2500
	3300	2160	3875	4290	160	160	465	6 12	2500	2500
	3700	2360	4275	4690	160	160	465	6 6	2500	2500
	4000	2560	4575	4990	160	160	465	6 6	2500	2500
3 stage FFL	4500	2060	5017	5490	1440	1070	485	6 6	2000	2300
	4800	2160	5317	5790	1540	1170	485	6 6	1700	2000
	5500	2425	6017	6490	1800	1430	485	3 6	1100	1800
	6000	2610	6517	6990	1990	1620	485	3 6	800	1300
	6500	2825	7017	7490	2215	1835	485	3 6	500	1000

GP 30UX Mast details and capacity ratings (kg) - Pneumatic tyres

Mast type	Maximum Fork Lift (mm)	Lowered Height (mm)	Lift Height without LBR (mm)	Lift Height with LBR (mm)	Free Lift without LBR (mm)	Free Lift with LBR (mm)	Load Distance (mm)	Mast Tilt F° B°	Weight, 500mm LC Single Tyre (kg)	Weight, 500mm LC Dual Tyres (kg)
2 stage LFL	3000	2075	3640	4100	165	165	490	6 12	3000	3000
	3300	2225	3940	4400	165	165	490	6 12	3000	3000
	3700	2425	4340	4800	165	165	490	6 6	3000	3000
	4000	2625	4640	5100	165	165	490	6 6	3000	3000
3 stage FFL	4500	2125	5100	5600	1525	1025	505	6 6	2500	2700
	4800	2225	5400	5900	1625	1125	505	6 6	2250	2450
	5500	2490	6100	6600	1880	1380	505	3 6	1600	2050
	6000	2675	6600	7100	2075	1575	505	3 6	1200	1900
	6500	2890	7100	7600	2260	1790	505	3 6	700	1300

GP 35UX Mast details and capacity ratings (kg) - Pneumatic tyres

Mast type	Maximum Fork Lift (mm)	Lowered Height (mm)	Lift Height without LBR (mm)	Lift Height with LBR (mm)	Free Lift without LBR (mm)	Free Lift with LBR (mm)	Load Distance (mm)	Mast Tilt F° B°	Weight, 500mm LC Single Tyre (kg)	Weight, 500mm LC Dual Tyres (kg)
2 stage LFL	3000	2150	3700	4100	170	170	510	6 12	3500	3500
	3300	2300	4000	4400	170	170	510	6 12	3500	3500
	3700	2500	4400	4800	170	170	510	6 6	3500	3500
	4000	2700	4700	5100	170	170	510	6 6	3300	3500
3 stage FFL	4500	2200	5140	5600	1560	1100	520	6 6	2800	3000
	4800	2300	5440	5900	1660	1200	520	6 6	2500	2750
	5500	2565	6140	6600	1915	1455	520	3 6	1700	2200
	6000	2750	6640	7100	2110	1650	520	3 6	1300	2100
	6500	2965	7100	7600	2290	1830	520	3 6	800	1500

VDI 2198 – General Specifications Diesel powered GDP20UX, GDP25UX, GDP30UX

Distinguishing mark	1.1	Manufacturer	Yale	
	1.2	Model designation	GDP20UX	GDP20UX
	1.3	Drive	Diesel	
		CE compliance / Emission standards	Stage IIIA	Stage V
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	
	1.5	Rated capacity/rated load	Q (t) 2.0	
	1.6	Load center distance	c (mm) 500	
	1.8	Load distance	x (mm) 475	
	1.9	Wheelbase	y (mm) 1600	
Weights	2.1	Service weight	kg 3390	
	2.2	Axle loading, laden front	kg 4760	
		Axle loading, laden rear	kg 630	
	2.3	Axle loading, unladen front	kg 1540	
		Axle loading, unladen rear	kg 1850	
Tyres/chassis	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic	P	
	3.2	Tyre size, Front	7.00-12-12PR	
	3.3	Tyre size, Rear	6.00-9-10PR	
	3.5	Wheels, number Front/Rear (x=drive wheels)	2X / 2	
	3.6	Standard tread width, Front	b ₁₀ (mm) 970	
	3.7	Standard tread width, Rear	b ₁₁ (mm) 980	
Dimensions	4.1	Tilt of mast/fork carriage, forward /backward	α / β (°) 6 / 12	
	4.2	2LFL mast lowered	h ₁ (mm) 2010	
	4.3	2LFL free lift - Bottom of forks	h ₂ (mm) 160	
	4.4	2LFL lift - Bottom of forks	h ₃ (mm) 3000	
	4.5	Height, mast extended †	h ₄ (mm) 3575	
	4.7	Height of overhead guard (high/low) ○	h ₆ (mm) 2180	
	4.8	Seat height/stand height (SIP from ground - Standard) ✕	h ₇ (mm) 1167	
	4.12	Coupling height from ground	h ₁₀ (mm) 250	
	4.19	Overall length	l ₁ (mm) 3630	
	4.20	Length to face of forks standard carriage	l ₂ (mm) 2560	
	4.21	Overall width Standard tyre	b ₁ (mm) 1150	
		Overall width Dual Tyre	b ₂ (mm) 1590	
	4.22	Fork Dimensions DIN ISO 2331	s/e/l (mm) 40 x 122 x 1070	
	4.23	Fork carriage ISO 2328. Class/type, A/B	IIA	
	4.24	Fork carriage width ▶	b ₃ (mm) 1040	
	4.31	Ground clearance, laden, below mast	m ₁ (mm) 125	
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm) 150	
	4.34.1	Aisle width with pallets 1000mm x 1200mm crossways (l ₆ x b ₁₂)	A _{st} (mm) 3966	
	4.34.2	Aisle width with pallets 800mm x 1200mm crossways (l ₆ x b ₁₂)	A _{st} (mm) 3766	
	4.35	Outside turning radius	W _a (mm) 2290	
	4.36	Internal turning radius	b ₁₃ (mm) 745	
Performance data	5.1	Travel speed, laden/unladen	km/h 19 / 19 18 / 18	
	5.2	Lifting speed laden/unladen	m/s 0.54 / 0.57 0.50 / 0.53	
	5.3	Lowering speed laden/unladen	m/s 0.43 / 0.40	
	5.5	Maximum drawbar pull with/without load	N 12774 / 8761 25400 / 15500	
	5.7	Gradeability laden/unladen @ 4.8km/h	% 10.4 / 22.4 20 / 25	
	5.9	Acceleration time, laden/unladen 15m	s 4.6 / 4.5 4.1 / 3.7	
Combustion engine	7.1	Engine	Yanmar 2.6L LS 2.5L	
	7.2	Engine power	kW 32.8 42	
	7.3	Rated speed	min-1 2450 2300	
	7.4	Number of cylinders / displacement	(-)/cm ³ 4 /2659 4 /2505	
	7.5	Fuel Consumption according to VDI cycle	l/h or kg/h 2.6 3.7	
Additional data	10.1	Operating pressure of attachments	bar 0 - 175	
	10.2	Oil volume flow for attachments ●	l/min 64 65	
	10.3	Hydraulic oil tank capacity - Initial fill	litres 60	
	10.4	Fuel tank, capacity	litres 60	
	10.7	Sound pressure at driver's ear OHG ★	dB(A) 84	
	10.8	Towing couple type	Pin	

- † Without load backrest
- h₆ subject to +/- 5 mm tolerance.
- When full-suspension seat or cab is fitted, overhead guard height is raised by 60mm
- ✕ Full suspension seat specified

- ▶ Add 32mm with load backrest
- Variable
- ★ LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053

Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.
Yale products might be subject to change without notice.

GDP25UX		GDP25UX		Yale		GDP30UX		GDP30UX		GDP30UX		1.1
Stage IIIA		Stage V		Diesel		Stage IIIA		Stage V				1.2
				Seated								1.3
	2.5								3.0			1.4
	500								500			1.5
	475								490			1.6
	1600								1700			1.8
	3650								4300			1.9
	5320								6490			2.1
	650				770				810			2.2
	1500								1710			2.3
	2150								2590			3.1
												3.2
	7.00-12-12PR								28x9-15-14PR			3.3
	6.00-9-10PR								6.50-10-10PR			3.5
	2X / 2								2X / 2			3.6
	970								1000			3.7
	980					970			980			4.1
						6 / 12						4.2
	2010								2075			4.3
	160								165			4.4
	3000								3000			4.5
	3575								3640			4.7
	2180								2205			4.8
	1167								1192			4.12
	250								260			4.19
	3690								3765			4.20
	2620								2695			4.21
	1150								1210			4.22
	1590								1650			4.23
	40x122x1070								45 x 122 x 1070			4.24
	IIA								IIA			4.31
	1040								1100			4.32
	125								140			4.34.1
	150								145			4.34.2
	4026								4126			4.35
	3826								3926			4.36
	2350								2430			5.1
	745								830			5.2
	19 / 19		18 / 18				19 / 20				18 / 18	5.3
	0.56 / 0.61		0.50 / 0.53			0.46 / 0.49			0.42 / 0.45		0.39 / 0.42	5.5
	0.45 / 0.41		0.43 / 0.40				0.40 / 0.38				0.38 / 0.37	5.7
	12648 / 8450		25400 / 15500			16094 / 9688		20596 / 14800 (16941 / 9688)			24100 / 18000	5.9
	8.8 / 19.5		20 / 25			14 / 18			12.5 / 19		19.5 / 24	7.1
	4.7 / 4.6		4.3 / 3.8			4.6 / 4.5			4.5 / 4.4		4.5 / 4.0	7.2
	Yanmar 2.6L		LS 2.5L			Yanmar 3.0L		Yanmar 3.3L			LS 2.5L	7.3
	32.8		42			35.5		42.1			42	7.4
	2450		2300			2400		2300				7.5
	4 / 2659		4 / 2505			4 / 3054		4 / 3319			4 / 2505	10.1
	3.64		3.8			4.6		4.06			4.0	10.2
						0 - 175						10.3
						64						10.4
	60								70			10.7
	60								70			10.8
	84.7		84			85		84				
						Pin						

Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

VDI 2198 – General Specifications Diesel powered GDP35UX, LPG/Dual Fuel powered GLP20UX, GLP25UX,

Distinguishing mark	1.1	Manufacturer		Yale		
	1.2	Model designation		GDP35UX	GDP35UX	GDP35UX
	1.3	Drive		Diesel		
		CE compliance / Emission standards		Stage IIIA		Stage V
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated		
	1.5	Rated capacity/rated load	Q (t)	3.5		
	1.6	Load center distance	c (mm)	500		
	1.8	Load distance	x (mm)	510		
	1.9	Wheelbase	y (mm)	1700		
Weights	2.1	Service weight	kg	4710		
	2.2	Axle loading, laden front	kg	7250		
		Axle loading, laden rear	kg	960		
	2.3	Axle loading, unladen front	kg	1690		
		Axle loading, unladen rear	kg	3020		
Tyres/chassis	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic		P		
	3.2	Tyre size, Front		28x9-15-14PR		
	3.3	Tyre size, Rear		6.50-10-10PR		
	3.5	Wheels, number Front/Rear (x=drive wheels)		2X / 2		
	3.6	Standard tread width, Front	b ₁₀ (mm)	1000		
	3.7	Standard tread width, Rear	b ₁₁ (mm)	970	980	
	Dimensions	4.1	Tilt of mast/fork carriage, forward /backward	α / β (°)	6 / 12	
4.2		2LFL mast lowered	h ₁ (mm)	2150		
4.3		2LFL free lift - Bottom of forks	h ₂ (mm)	165	170	
4.4		2LFL lift - Bottom of forks	h ₃ (mm)	3000		
4.5		Height, mast extended †	h ₄ (mm)	3700		
4.7		Height of overhead guard (high/low) ○	h ₆ (mm)	2205		
4.8		Seat height/stand height (SIP from ground - Standard) ✕	h ₇ (mm)	1192		
4.12		Coupling height from ground	h ₁₀ (mm)	260		
4.19		Overall length	l ₁ (mm)	3850		
4.20		Length to face of forks standard carriage	l ₂ (mm)	2780		
4.21		Overall width Standard tyre	b ₁ (mm)	1210		
		Overall width Dual Tyre	b ₂ (mm)	1650		
4.22		Fork Dimensions DIN ISO 2331	s/e/l (mm)	50 x 122 x 1070		
4.23		Fork carriage ISO 2328. Class/type, A/B		IIA		
4.24		Fork carriage width ▶	b ₃ (mm)	1100		
4.31		Ground clearance, laden, below mast	m ₁ (mm)	140		
4.32		Ground clearance, centre of wheelbase	m ₂ (mm)	145		
4.34.1		Aisle width with pallets 1000mm x 1200mm crossways (l ₆ x b ₁₂)	A _{st} (mm)	4210		
4.34.2		Aisle width with pallets 800mm x 1200mm crossways (l ₆ x b ₁₂)	A _{st} (mm)	4010		
4.35		Outside turning radius	W _a (mm)	2500		
4.36		Internal turning radius	b ₁₃ (mm)	830		
Performance data	5.1	Travel speed, laden/unladen	km/h	19 / 20	18 / 18	
	5.2	Lifting speed laden/unladen	m/s	0.38 / 0.40		0.38 / 0.41
	5.3	Lowering speed laden/unladen	m/s	0.45 / 0.38	0.45 / 0.38	0.38 / 0.37
	5.5	Maximum drawbar pull with/without load	N	16870 / 9676	17739 / 9870	24100 / 17500
	5.7	Gradeability laden/unladen @ 4.8km/h	%	10.9 / 19	13 / 19	17 / 21
	5.9	Acceleration time, laden/unladen 15m	s	5.91 / 4.91	4.8 / 4.2	4.7 / 4.2
Combustion engine	7.1	Engine		Yanmar 3.0L	Yanmar 3.3L	LS 2.5L
	7.2	Engine power	kW	35.5	42.1	42
	7.3	Rated speed	min-1	2300		
	7.4	Number of cylinders / displacement	(-)/cm ³	4 / 3319	4 / 3319	4 / 2505
	7.5	Fuel Consumption according to VDI cycle	l/h or kg/h	3.86	4.9	4.2
Additional data	10.1	Operating pressure of attachments	bar	0 - 175		0-195
	10.2	Oil volume flow for attachments ●	l/min	64		
	10.3	Hydraulic oil tank capacity - Initial fill	litres	70		
	10.4	Fuel tank, capacity	litres	70		
	10.7	Sound pressure at driver's ear OHG ★	dB(A)	83	88.5	84
	10.8	Towing couple type		Pin		

- † Without load backrest
- h₆ subject to +/- 5 mm tolerance.
- When full-suspension seat or cab is fitted, overhead guard height is raised by 60mm
- ✕ Full suspension seat specified

- ▶ Add 32mm with load backrest
- Variable
- ★ LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053

Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

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GLP30UX, GLP35UX

Yale								1.1	Distinguishing mark	
GLP20UX		GLP25UX		GLP30UX		GLP35UX		1.2		
LPG / Dual Fuel								1.3		
Stage V	Stage IIIA	Stage V	Stage IIIA	Stage V	Stage IIIA	Stage V	Stage IIIA			
Seated								1.4		
2.0		2.5		3.0		3.5		1.5		
500								1.6		
475				490				510		1.8
1600				1700				1700		1.9
3390		3650		4300		4710		2.1		Weights
4760		5400		6490		7250		2.2		
630		650		810		960		2.3		
1540		1500		1710		1690		2.3		
1850		2150		2590		3020		2.3		
P								3.1	Tyres/chassis	
7.00-12-12PR				6.50-10-10PR				3.2		
6.00-9-10PR				28x9-15-14PR				3.3		
2X / 2								3.5		
970				1000				3.6		
980				970				3.7		
6 / 12								4.1		
2010				2075		2150		4.2		
160						165		4.3		
				3000				4.4		
3575				3640		3700		4.5		
2180						2205		4.7		
1167						1192		4.8		
250						260		4.12		
3630		3690		3765		3850		4.19		
2560		2620		2695		2780		4.20		
1150				1210				4.21	Dimensions	
1590				1650						
40 x 122 x 1070				45 x 122 x 1070		50 x 122 x 1070		4.22		
IIA								4.23		
1040				1100				4.24		
125				140				4.31		
150				145				4.32		
3966		4026		4126		4210		4.34.1		
3766		3826		3926		4010		4.34.2		
2290		2350		2430		2500		4.35		
745				830				4.36		
19 / 19				19 / 20	18 / 20	19 / 20	18 / 20	5.1	Performance data	
0.57 / 0.60	0.50 / 0.53	0.57 / 0.60	0.42 / 0.54	0.50 / 0.53	0.40 / 0.43	0.40 / 0.43	0.33 / 0.36	5.2		
0.43 / 0.40	0.43 / 0.40	0.43 / 0.40	0.45 / 0.41	0.40 / 0.38	0.40 / 0.38	0.45 / 0.38	0.45 / 0.38	5.3		
23500 / 15500	16651 / 8761	22500 / 15500	16790 / 8450	17500 / 15000	17480 / 17480	17700 / 14000	16679 / 9870	5.5		
25 / 25	13.1 / 22.4	20 / 22	11 / 19.5	17 / 20	13 / 19	14 / 20	10 / 19.5	5.7		
4.10 / 3.80	6.0 / 5.0	4.80 / 4.30	6.25 / 5.25	4.80 / 4.20	5.9 / 4.9	6.06 / 4.9	6.2 / 5.2	5.9		
PSI 2.4L	GCT K25	PSI 2.4L	GCT K25	PSI 2.4L	GCT K25	PSI 2.4L	GCT K25	7.1	Combustion engine	
48	37.4	48	37.4	48	37.4	48	37.4	7.2		
2700	2300	2700	2300	2700	2300	2700	2300	7.3		
4 / 2350	4 / 2488	4 / 2350	4 / 2488	4 / 2350	4 / 2488	4 / 2350	4 / 2488	7.4		
3.96	3.5	4.2	4.96	4.56	3.5	4.9	4.3	7.5		
0 - 175								10.1	Additional data	
64								10.2		
60				70				10.3		
60				70				10.4		
84								10.7		
Pin								10.8		

Lift trucks illustrated may feature optional equipment.
Values may vary with alternative configurations.

UX series

Models: GDP20UX, GDP25UX, GDP30UX, GDP35UX, GLP20UX, GLP25UX, GLP30UX, GLP35UX

Standard equipment

- Engines:
 - LS 2.5L Diesel - Stage V
 - PSI 2.4L LPG / Dual Fuel - Stage V
 - Yanmar 2.6L, 3.0L and 3.3L Diesel - Stage IIIA
 - GCT K25 LPG/ Dual Fuel - Stage IIIA
- Transmission: Powershift, 1-Speed
- Mast: 2-stage LFL 3000mm
- Carriage: 1038mm Class II or 1100mm Class II or III
- Forks: 1070 x 122 x 40mm Class II or 1070 x 122 x 45 / 50mm Class III
- Pneumatic Tyres:
 - Drive - 7.00 x 12-12PR or 28 x 9-15-14PR
 - Steer - 6.00 x 9-10PR or 6.50 x 10-10PR
- Two Function Cowl Mounted Manual Lever - Lift / Tilt
- Forward / Reverse Directional Lever
- Manual Park Brake
- Three Pedal Layout with Mechanical Inching
- Non-Suspension Seat (Vinyl) with Seat Belt
- Steering Wheel with Spinning Knob
- Power Steering and Tilt Adjustable Steering Column
- Key Switch Start
- Entry Grab Handle
- Dash Display:
 - Fuel Gauge (Diesel/Dual - Fuel), LCD Hour Meter,
 - Water Temperature / Oil Temperature /
 - Transmission Oil Level Warning Lights
- Load Backrest
- Strobe Light (magnetically mounted)
- LED Light Kit - 2 x Front Work, 2 x Front Turn, Rear Turn / Tail / Brake / Reverse
- Counterweight Exhaust
- Radiator with Transmission Oil Cooler
- Cyclonic Air Filter
- Fixed Tank Bracket (LPG Trucks)
- Fuel Tank Capacity - UT20-25P = 60L, UT30-35P = 70L
- Toolbox
- Towing Pin
- Operator Manual
- 12 Months / 2000 Hours Manufacturer's Warranty
- Twin USB ports
- Cab with/without Heater
- Side Mirrors
- Audible Reverse Alarm

Optional equipment

- Upswept exhaust
- Air Intake with Pre-cleaner
- 2-stage LFL and 3-stage FFL Masts
- Carriages: 1200, 1500mm (Class II - III)
- Forks: 1220mm (Class II - III)
- Integral Sideshift
- Valve and Hose Groups - 3 and 4 way
- Full Suspension Seat
- Rear Work Light
- Dual Drive Wheels and Fender Extensions
- Superelastic Drive and Steer Tyres
- Non-Marking Superelastic Drive and Steer tyres
- Rear/reversing handle

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Safety: This truck conforms to the current EU requirements.
Specification is subject to change without notice.

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