



# UX SERIES

SPEC SHEET

GP20-35UX  
Internal Combustion  
Counterbalanced  
Forklift

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2,000 - 3,500kg

# GP20-35UX

## Features

The Yale® UX Series provides the ideal solution to meet your less frequent usage needs, without compromising on performance.

### MODEL RANGE [→](#)

The range consists of 2,000 - 3,500kg. IC counterbalance, pneumatic tyre forklift trucks, available in four different capacities:

2,000kg – GP20UX    2,500kg – GP25UX    3,000kg – GP30UX    3,500kg – GP35UX

Each model is available with diesel, LPG or dual-fuel power, a single-speed powershift transmission and a range of front end equipment options to suit varying application requirements.

### EASY TO OPERATE

The ergonomically designed operator compartment, with a familiar automotive layout, means that drivers will be able to work comfortably. A range of standard features and options help to ensure that the truck is configured to the needs of the application.

### SERVICEABILITY

Due to the simplicity of the components and specifications, servicing can be carried out quickly and easily.

### LOW COST OF OWNERSHIP

The use of high quality, robust components, efficient filtration and excellent cooling helps contribute to reliable operations and lower wear and tear. This, together with the fast availability of cost-effective replacement parts helps to reduce service and maintenance requirements and costs.

### ERGONOMICS

The ergonomically designed operator compartment offers an automotive-style layout to promote operator comfort and familiarity. Tailor the truck to for your application with a range of standard features and options, including: informative, 3.5-inch LCD display, generous foot space in operator compartment, dual suspension system, hand parking brake lever with button greatly reducing fatigue in operation, and a small diameter steering wheel with adjustable steering column.

### SAFETY AND STABILITY

The wide view mast offers significant front field of view thus minimizing blind spots and increasing operator awareness. A high-strength, overhead guard is designed for visibility. The hand lever parking brake requires low effort and helps reduce fatigue and keep operators fresh all shift long, while the low center of gravity to help promote stability.

### EASY MAINTENANCE

You need a lift truck solution you can count on. The UX series is designed for easy serviceability, helping minimize time out of service and offer availability when you need it. Offering a large access area for service and repairs, simple components and computer-based diagnostics are not required.

### RELIABILITY AND EXCHANGEABILITY

Robust components and a simple design help deliver the reliability and parts availability you expect from the Yale brand, with high-strength, triplex plate OHG and exchangeable components across 4,000 and 5,000-pound capacity models.





**1 HIGH STRENGTH OHG**

The overhead guard features profiled steel with high strength glass to enhance reliability and operator protection.

**2 SUSPENSION SEAT**

A full suspension seat that offers excellence in comfort, with an operator presence system fitted as standard.

**3 WIDE VIEW MAST**

The wide mast features an outside width of 720mm. It can significantly improve the driver's front field of view while increasing the safety and comfort of operating the truck.

**4 LOW STEP DRIVER HEIGHT**

Convenient step placing to suit a variety of heights to ensure easy access to the truck at all times.

**5 SMALL STEERING WHEEL**

The adjustable steering wheel is convenient for the operator as it provides 8 degrees of adjustment. It is also easy to navigate when working in narrow spaces.

**6 JAPANESE ENGINE**

The UX Japanese engine provides reliability and ease for sourcing replacement parts.

# Engineered for drivers with comfort, safety & ergonomics



## YALE DISPLAY WITH 3.5" LCD

- The Yale UX Series Forklift adopts a 3.5" LCD display, providing convenient viewing of the display data when driving and operating



## HAND PARKING BRAKE

- Low effort to operate park brake lever
- Hand parking brake lever with button reduces operator fatigue



## LARGE FOOT ROOM

- Spacious foot room design provides comfort, convenience and safety
- Control pedals provide extra foot space which reduces operator fatigue and increases operator comfort



## TRIPLEX PLATE OVERHEAD GUARD

- The overhead guard is developed using three pieces; left side, right side and top canopy making replacement more convenient



## LARGE ACCESS AREA FOR SERVICE AND REPAIRS

- Large access space to engine compartment makes service and repairs more convenient



## SUSPENSION SEAT

- Full suspension seat offers excellent comfort
- Operator presence system as standard



## WIDE VIEW MAST

- The wide view mast with an outside width of 720mm, significantly improves the driver's front field of view, reduces blind spots, and increases the safety and comfort of the operation



## DUAL SUSPENSION SYSTEM

- The specialised dual-suspension system decreases vibration and noise
- Full floating safeguard/cabin system
- Engine vibration damper
- Suspended transmission replaces traditional rigid connections



## HIGH STRENGTH OVERHEAD GUARD

- Profiled steel overhead guard
- High strength roof with high strength glass enhances reliability and operator protection
- Mast composite roller structure



#### **SMALL DIAMETER STEERING WHEEL WITH ADJUSTABLE STEER COLUMN**

- The 300mm diameter steering wheel is easy to manipulate, responsive, and ensures optimum mobility when working in a narrow space
- The ideally positioned steering wheel allows 8 degrees of adjustment, to suit a variety of different operators



#### **EXCHANGEABLE COMPONENTS**

- Engine cover, instrument panel, display and most other components are exchangeable with other capacities in the same range
- Front fenders adaptable to single or dual wheel configuration



#### **IMPROVED LIFTING SPEED**

- Competitive lifting speeds reduces cycle time and increases productivity

## GP20-35UX OPTIONS

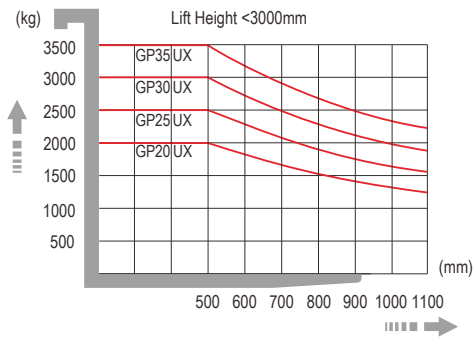
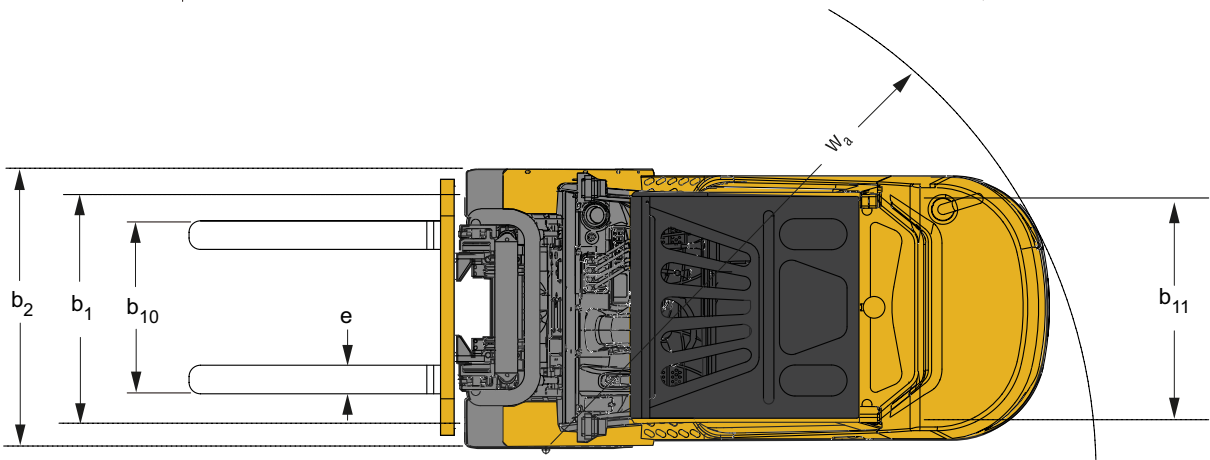
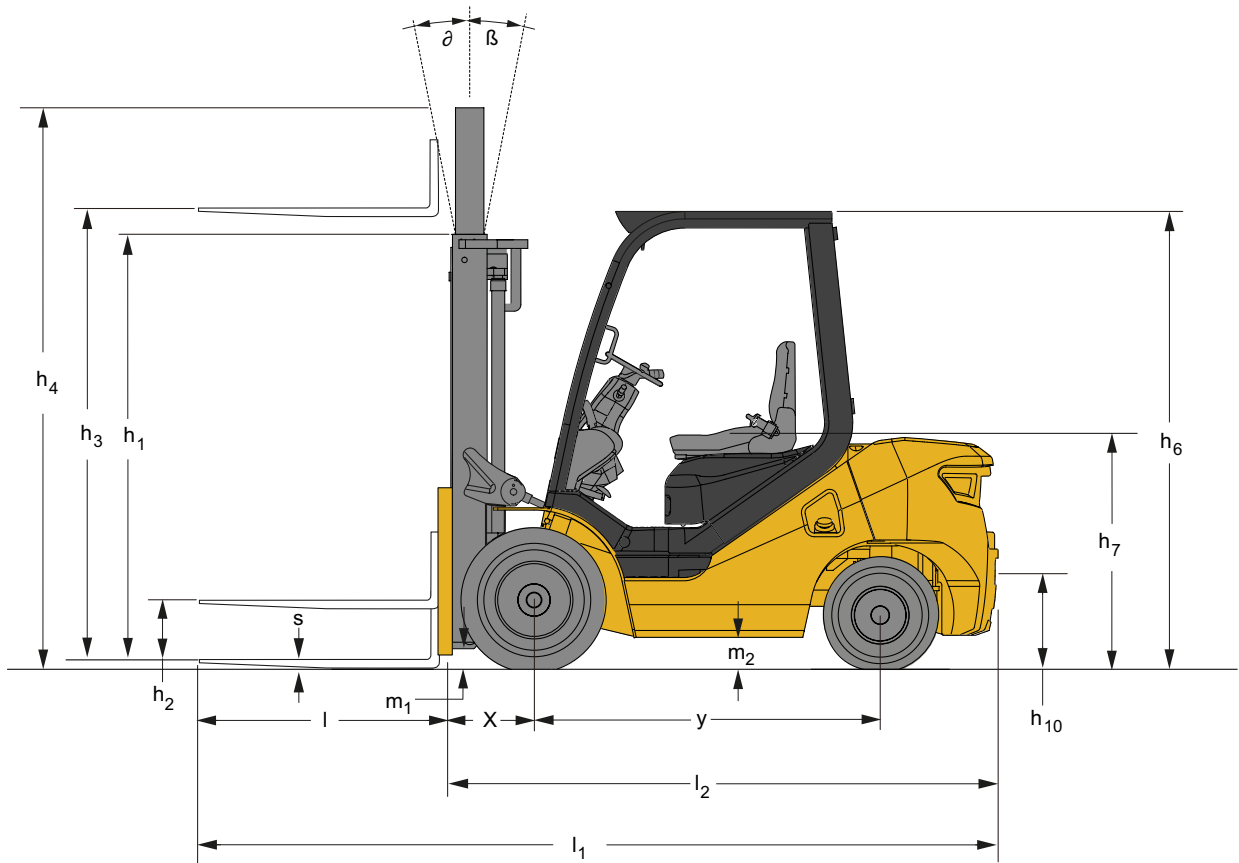
Yale UX Series trucks feature a comprehensive range of standard equipment, with a number of options available to suit the specific needs of your application, including:

- Diesel, LPG, or dual-fuel
- Pneumatic-shaped solid, or dual tyres
- Various fork lengths
- Integral sideshift
- Swing-out drop down LPG bracket
- Rear, LED work light
- Strobe light
- Backup alarm
- High air intake with pre-cleaner
- Tilt cylinder boots
- Various mast heights
- 3 way catalytic purifier on LPG engines
- Glass roof
- Front window with wiper

Please refer to the Price List for full option configurations.



TRUCK DIMENSIONS GP20-35UX



**GP20UX RATED CAPACITY KG @ 500MM AND 600MM LOAD CENTRE**

	Maximum fork height $h_3 + s$ (mm)	Mast tilt		Lowered height $h_1$ (mm)	Extended height $h_4$ (mm) (1)	Extended height $h_4$ (mm) (2)	Free lift height $h_2 + s$ (mm) (1)	GP20UX without sideshift			
		Forward tilt (°)	Back tilt (°)					Solid Tyres		Pneumatic Tyres	
								500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage limited free lift	4000	6	6	2560	4575	4990	160	2000	1830	2000	1830
	4500	6	6	2810	5075	5490	160	1940	1740	1900	1740
	5000	6	6	3060	5575	5990	160	1800	1640	1800	1630
2-stage full free lift	3000	6	12	2010	3590	3990	1420	2000	1830	2000	1830
3-stage full free lift	4500	6	6	2060	5017	5490	1440	1810	1650	1810	1640
	4800	6	6	2160	5317	5790	1540	1750	1590	1750	1580
	5500	3	6	2425	6017	6490	1800	1590	1440	1540	1430
	6000	3	6	2610	6517	6990	1990	1450	1320	1240	1250

**GP25UX RATED CAPACITY KG @ 500MM AND 600MM LOAD CENTRE**

	Maximum fork height $h_3 + s$ (mm)	Mast tilt		Lowered height $h_1$ (mm)	Extended height $h_4$ (mm) (1)	Extended height $h_4$ (mm) (2)	Free lift height $h_2 + s$ (mm) (1)	GP20UX without sideshift			
		Forward tilt (°)	Back tilt (°)					Solid Tyres		Pneumatic Tyres	
								500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage limited free lift	4000	6	6	2560	4575	4990	160	2500	2300	2500	2300
	4500	6	6	2810	5075	5490	160	2390	2200	2390	2190
	5000	6	6	3060	5575	5990	160	2280	2080	2270	2070
2-stage full free lift	3000	6	12	2010	3590	3990	1420	2500	2290	2500	2290
3-stage full free lift	4500	6	6	2060	5017	5490	1440	2300	2080	2290	2080
	4800	6	6	2160	5317	5790	1540	2220	2020	2100	2010
	5500	3	6	2425	6017	6490	1800	2020	1850	1550	1550
	6000	3	6	2610	6517	6990	1990	1620	1630	1200	1220

**GP30UX RATED CAPACITY KG @ 500MM AND 600MM LOAD CENTRE**

	Maximum fork height $h_3 + s$ (mm)	Mast tilt		Lowered height $h_1$ (mm)	Extended height $h_4$ (mm) (1)	Extended height $h_4$ (mm) (2)	Free lift height $h_2 + s$ (mm) (1)	GP20UX without sideshift			
		Forward tilt (°)	Back tilt (°)					Solid Tyres		Pneumatic Tyres	
								500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage limited free lift	4000	6	6	2625	4640	5100	165	2860	2590	2850	2590
	4500	6	6	2875	5140	5600	165	2740	2480	2730	2480
	5000	6	6	3125	5640	6100	165	2600	2370	2350	2210
2-stage full free lift	3000	6	12	2075	3650	4100	1425	2910	2650	2910	2650
3-stage full free lift	4500	6	6	2125	5100	5600	1525	2890	2780	2880	2690
	4800	6	6	2225	5400	5900	1625	2820	2730	2810	2650
	5500	3	6	2490	6100	6600	1880	2630	2610	2220	2180
	6000	3	6	2675	6600	7100	2075	2280	2250	1820	1800

**GP35UX RATED CAPACITY KG @ 500MM AND 600MM LOAD CENTRE**

	Maximum fork height $h_3 + s$ (mm)	Mast tilt		Lowered height $h_1$ (mm)	Extended height $h_4$ (mm) (1)	Extended height $h_4$ (mm) (2)	Free lift height $h_2 + s$ (mm) (1)	GP20UX without sideshift			
		Forward tilt (°)	Back tilt (°)					Solid Tyres		Pneumatic Tyres	
								500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage limited free lift	4000	6	6	2700	4700	5100	170	3430	3340	3280	2990
	4500	6	6	2950	5200	5600	170	3320	3080	2770	2560
	5000	6	6	3200	5700	6100	170	2850	2640	2310	2160
2-stage full free lift	3000	6	12	2150	3680	4100	1470	3500	3500	3500	3460
3-stage full free lift	4500	6	6	2200	5140	5600	1560	3380	3270	3290	3140
	4800	6	6	2300	5440	5900	1660	3310	3220	2920	2810
	5500	3	6	2526	6140	6600	1915	2760	2690	2180	2130
	6000	3	6	2750	6640	7100	2110	2240	2210	1720	1700

Note: For integral sideshift deduct 50kg from stated capacity, (1) = without LBR (2) with LBR, all ratings with 1070 mm forks

## GENERAL SPECIFICATIONS - GP20UX

DISTINGUISHING MARK	1.1		Yale				
	1.2		GDP20UX		GLP20UX		
DISTINGUISHING MARK	1.2.1		Yanmar 2.6L	LS 2.5L	Hyundai 2.4L	GCT K25	
	1.3		Diesel	Diesel	LPG	LPG / Petrol	
	1.4		Seated				
	1.5		Q (kg)	2000			
	1.6		c (mm)	500			
	1.8		x (mm)	475			
	1.9		y (mm)	1600			
	WEIGHT	2.1		3495			
		2.2		2055 / 1440			
2.3		1711 / 3184					
TYRES/CHASSIS	3.1		Pneumatic				
	3.2		7.00-12-12PR				
	3.3		6.00-9-10PR				
	3.5		2X/2				
	3.6		b10 (mm)	970			
	3.7		b11 (mm)	980			
	DIMENSIONS	4.1		6/12			
4.2		2010					
4.3		160					
4.4		3000					
4.5.1		3575					
4.5.2		3990					
4.7		2180					
4.8		1167					
4.12		250					
4.19		3630					
4.20		2560					
4.21		1150 / 1590					
4.22		40 x 122 x 1070					
4.23		IIA					
4.24		1040					
4.31		125					
4.32		150					
4.34.1		3966					
4.34.2		3766		-200			
4.35		2290					
4.36		745					
4.42		430					
PERFORMANCE DATA		5.1		19/19	18/18		19/19
	5.1.1		0.54/0.57	0.50/0.53	0.54/0.57	0.50/0.53	
	5.2		0.43/0.40				
	5.3		12774/8761	25400/15500	22100/15000	16651/8761	
	5.4		12500/10500	21400/15000	19300/14500	15000/12000	
	5.7		8879/7544	16300/14000	14600/13000	6872/7544	
	5.8		23/25	22/26	26/26	25/25	
	5.9		10/22	20/25	25/25	13/22	
	5.10		Hydraulic				
	COMBUSTION-ENGINE	7.1		Yanmar 2.6L	L4CRV-T6	HMC2.4L L4KB	GCT K25
7.2		kW	33	42	43	37.4	
7.3		min <sup>-1</sup>	2450	2300	2600	2300	
7.4		4					
7.4		cm <sup>3</sup>	2659	2505	2359	2488	
7.5		l/h or kg/h	3.7				
ADDITIONAL DATA	8.1		Automatic				
	10.1		0-175				
	10.2		64	65	64		
	10.3		60				
	10.4.2		60				
	10.7.1		84		81.5	84	
	10.7.3		104		100	103	
	10.8		PIN				



## GENERAL SPECIFICATIONS - GP25UX

		Yale					
DISTINGUISHING MARK	1.1	Manufacturer (abbreviation)		Yale			
	1.2	Model designation		GDP25UX			
	1.2.1	Engine / transmission		Yanmar 2.6L	LS 2.5L	Hyundai 2.4L	GCT K25
	1.3	Drive: electric(battery or mains), diesel, petrol, fuel gas		Diesel	Diesel	LPG	LPG / Petrol
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated			
	1.5	Rated capacity/rated load	Q (kg)	2500			
	1.6	Load center distance	c (mm)	500			
	1.8	Load distance, centre of drive axle to fork	x (mm)	475			
	1.9	Wheelbase	y (mm)	1600			
WEIGHT	2.1	Service weight	kg	3650			
	2.2	Axle loading, laden front / rear	kg	5320 / 650			
	2.3	Axle loading, unladen front / rear	kg	1500 / 2150			
TYRES/CHASSIS	3.1	Tyre type		Pneumatic			
	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	Tread, front	b10 (mm)	970			
	3.7	Tread, rear	b11 (mm)	980			
	DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward		$\alpha / \beta$ (°)		
4.2		Height, mast lowered		h <sub>1</sub> (mm)			
4.3		Freelift		h <sub>2</sub> (mm)			
4.4		Lift		h <sub>3</sub> (mm)			
4.5.1		Height of mast, extended w/o LBR		h <sub>4</sub> (mm)			
4.5.2		Height of mast, extended w/ LBR		h <sub>4</sub> (mm)			
4.7		Height of overhead guard		h <sub>5</sub> (mm)			
4.8		Seat height / stand height		h <sub>7</sub> (mm)			
4.12		Coupling height		h <sub>10</sub> (mm)			
4.19		Overall length		l <sub>1</sub> (mm)			
4.20		Length to face of forks		l <sub>2</sub> (mm)			
4.21		Overall width (Standard / Dual)		b1/b2 (mm)			
4.22		Fork dimensions		s/e/l (mm)			
4.23		Fork carriage to DIN 15173, Class A/B		IIA			
4.24		Fork carriage width		b <sub>3</sub> (mm)			
4.31		Ground clearance, laden, below mast		m <sub>1</sub> (mm)			
4.32		Ground clearance, centre of wheelbase		m <sub>2</sub> (mm)			
4.34.1		Aisle width with pallets 1000 long x 1200 wide		Ast (mm)			
4.34.2		Aisle width with pallets 800 wide x 1200 long		Ast (mm)		-200	
4.35		Turning radius		Wa (mm)			
4.36		Internal turning radius		b <sub>13</sub> (mm)			
4.42		Step height (from ground to running board)		k (mm)			
PERFORMANCE DATA		5.1	Travel speed, laden / unladen	km/h	19/19	18/18	19/19
	5.1.1	Lifting speed, laden / unladen	m/s	0.56/0.61	0.50/0.53	0.54/0.57	
	5.2	Lowering speed, laden / unladen	m/s	0.45/0.41	0.43/0.40		
	5.3	Maximum drawbar pull with/without load	N	12648/8450	25400/15500	21900/15000	16790/8450
	5.4	Drawbar pull, with / without load @ 1.6km/h	N	13500/10500	21400/15000	19000/14500	16000/12000
	5.7	Drawbar pull with / without load @ 4.8km/h	N	8879/7185	16300/14000	14400/13000	6872/7185
	5.8	Gradeability, with / without load, @ 1.6km/h	%	22/25	22/26	25/25	
	5.9	Gradeability, with / without load @ 4.8km/h	%	9/19	20/25	20/22	11/19
	5.10	Service brake		Hydraulic			
	COMBUSTION-ENGINE	7.1	Engine		Yanmar 2.6L	L4CRV-T6	HMC2.4L L4KB
7.2		Engine power according to ISO 1585	kW	33	42	43	37.4
7.3		Rated speed	min <sup>-1</sup>	2450	2300	2600	2300
7.4		Number of cylinders		4			
7.4		Cylinder displacement	cm <sup>3</sup>	2659	2505	2359	2488
7.5		Fuel consumption according to VDI cycle	l/h or kg/h	3.64	3.8		4.96
ADDITIONAL DATA	8.1	Type of drive		Automatic			
	10.1	Operating pressure of attachments	bar	0-175			
	10.2	Oil volume for attachments	ℓ/min	64			
	10.3	Hydraulic oil tank capacity - initial fill	ℓ	60			
	10.4.2	Fuel tank capacity	ℓ	60			
	10.7.1	Sound pressure at driver's ear OHG	dB(A)	84.7	84	81.5	84
	10.7.3	Guaranteed sound power 2001/14/EC	dB(A)	104		100	103
	10.8	Towing coupling type		PIN			

## GENERAL SPECIFICATIONS - GP30UX

DISTINGUISHING MARK	1.1	Manufacturer (abbreviation)	Yale				
	1.2	Model designation	GDP30UX		GLP30UX		
	1.2.1	Engine / transmission	Yanmar 3.3L	LS 2.5L	Hyundai 2.4L	GCT K25	
	1.3	Drive: electric(battery or mains), diesel, petrol, fuel gas	Diesel	Diesel	LPG	LPG / Petrol	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated				
	1.5	Rated capacity/rated load	Q (kg)	3000			
	1.6	Load center distance	c (mm)	500			
	1.8	Load distance, centre of drive axle to fork	x (mm)	490			
	1.9	Wheelbase	y (mm)	1700			
	WEIGHT	2.1	Service weight	kg	4300	4250	4300
2.2		Axle loading, laden front / rear	kg	6490 / 810	6490 / 770	6490 / 810	
2.3		Axle loading, unladen front / rear	kg	1710 / 2590			
TYRES/CHASSIS	3.1	Tyre type	Pneumatic				
	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	Tread, front	b10 (mm)	1000			
	3.7	Tread, rear	b11 (mm)	970	980	970	
	DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	$\alpha / \beta$ (°)	6/12		
4.2		Height, mast lowered	$h_1$ (mm)	2075			
4.3		Freelift	$h_2$ (mm)	165			
4.4		Lift	$h_3$ (mm)	3000			
4.5.1		Height of mast, extended w/o LBR	$h_4$ (mm)	3640			
4.5.2		Height of mast, extended w/ LBR	$h_4$ (mm)	4100			
4.7		Height of overhead guard	$h_5$ (mm)	2205			
4.8		Seat height / stand height	$h_7$ (mm)	1192			
4.12		Coupling height	$h_{10}$ (mm)	260	480	260	
4.19		Overall length	$l_1$ (mm)	3765	3804	3765	
4.20		Length to face of forks	$l_2$ (mm)	2695	2734	2695	
4.21		Overall width (Standard / Dual)	b1/b2 (mm)	1210 / 1650			
4.22		Fork dimensions	s/e/l (mm)	45 x122 x1070			
4.23		Fork carriage to DIN 15173, Class A/B		IIIA			
4.24		Fork carriage width	$b_3$ (mm)	1100			
4.31		Ground clearance, laden, below mast	$m_1$ (mm)	140	130	140	
4.32		Ground clearance, centre of wheelbase	$m_2$ (mm)	145			
4.34.1		Aisle width with pallets 1000 long x 1200 wide	Ast (mm)	4126			
4.34.2		Aisle width with pallets 800 wide x 1200 long	Ast (mm)	3926		-200	
4.35		Turning radius	Wa (mm)	2430			
4.36		Internal turning radius	$b_{13}$ (mm)	830			
4.42	Step height (from ground to running board)	k (mm)	455				
PERFORMANCE DATA	5.1	Travel speed, laden / unladen	km/h	19/20	18/18	19/19	
	5.1.1	Lifting speed, laden / unladen	m/s	0.42/0.45	0.39/0.42	0.43/0.46	
	5.2	Lowering speed, laden / unladen	m/s	0.40/0.38	0.38/0.37	0.37/0.36	
	5.3	Maximum drawbar pull with/without load	N	20596/14800 (16941/9688)	24100/18000	20400/14000	17480/17480
	5.4	Drawbar pull, with / without load @ 1.6km/h	N	17500/14000	20400/14000	17700/13000	15000/13000
	5.7	Drawbar pull with / without load @ 4.8km/h	N	7319/8119	15500/11000	13200/9000	11500/11500
	5.8	Gradeability, with / without load, @ 1.6km/h	%	24/25	20/25	23/25	20/25
	5.9	Gradeability, with / without load @ 4.8km/h	%	12/19	19.5/24	18/20	13/19
	5.10	Service brake		Hydraulic			
	COMBUSTION-ENGINE	7.1	Engine	Yanmar 3.3L	L4CRV-T6	HMC2.4L L4KB	GCT K25
7.2		Engine power according to ISO 1585	kW	42.1	42	43	
7.3		Rated speed	min <sup>-1</sup>	2300		2600	2300
7.4		Number of cylinders		4			
7.4		Cylinder displacement	cm <sup>3</sup>	3319	2505	2359	2488
7.5		Fuel consumption according to VDI cycle	l/h or kg/h	4.06	4.0	3.9	3.5
ADDITIONAL DATA		8.1	Type of drive	Automatic			
	10.1	Operating pressure of attachments	bar	0-175			
	10.2	Oil volume for attachments	ℓ/min	64			
	10.3	Hydraulic oil tank capacity - initial fill	ℓ	70			
	10.4.2	Fuel tank capacity	ℓ	70			
	10.7.1	Sound pressure at driver's ear OHG	dB(A)	84	81.5	84	
	10.7.3	Guaranteed sound power 2001/14/EC	dB(A)	104	100	103	
	10.8	Towing coupling type		PIN			

## GENERAL SPECIFICATIONS - GP35UX

		Yale						
DISTINGUISHING MARK	1.1	Manufacturer (abbreviation)					Yale	
	1.2	Model designation	GDP35UX			GLP35UX		
	1.2.1	Engine / transmission	Yanmar 3.3L	LS 2.5L	Hyundai 2.4L	GCT K25		
	1.3	Drive: electric(battery or mains), diesel, petrol, fuel gas	Diesel	Diesel	LPG	LPG / Petrol		
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated					
	1.5	Rated capacity/rated load	Q (kg)	3500				
	1.6	Load center distance	c (mm)	500				
	1.8	Load distance, centre of drive axle to fork	x (mm)	510				
	1.9	Wheelbase	y (mm)	1700				
WEIGHT	2.1	Service weight	kg	4710				
	2.2	Axle loading, laden front / rear	kg	7250 / 960				
	2.3	Axle loading, unladen front / rear	kg	1690 / 3020				
TYRES/CHASSIS	3.1	Tyre type	Pneumatic					
	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	Tread, front	b10 (mm)	1000				
	3.7	Tread, rear	b11 (mm)	970	980	970		
	DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	$\alpha / \beta$ (°)	6/12			
4.2		Height, mast lowered	$h_1$ (mm)	2010				
4.3		Freelift	$h_2$ (mm)	165	170	165		
4.4		Lift	$h_3$ (mm)	3000				
4.5.1		Height of mast, extended w/o LBR	$h_4$ (mm)	3700				
4.5.2		Height of mast, extended w/ LBR	$h_4$ (mm)	4100				
4.7		Height of overhead guard	$h_5$ (mm)	2205				
4.8		Seat height / stand height	$h_7$ (mm)	1192				
4.12		Coupling height	$h_{10}$ (mm)	260	480	260		
4.19		Overall length	$l_1$ (mm)	3850	3894	3850		
4.20		Length to face of forks	$l_2$ (mm)	2780	2824	2780		
4.21		Overall width (Standard / Dual)	b1/b2 (mm)	1210 / 1650				
4.22		Fork dimensions	s/e/l (mm)	45 x122 x1070				
4.23		Fork carriage to DIN 15173, Class A/B		IIIA				
4.24		Fork carriage width	$b_3$ (mm)	1100				
4.31		Ground clearance, laden, below mast	$m_1$ (mm)	140	130	140		
4.32		Ground clearance, centre of wheelbase	$m_2$ (mm)	145				
4.34.1		Aisle width with pallets 1000 long x 1200 wide	Ast (mm)	4210				
4.34.2		Aisle width with pallets 800 wide x 1200 long	Ast (mm)	4010	-200			
4.35		Turning radius	Wa (mm)	2500				
4.36		Internal turning radius	$b_{13}$ (mm)	830				
4.42		Step height (from ground to running board)	k (mm)	455				
PERFORMANCE DATA		5.1	Travel speed, laden / unladen	km/h	19/20	18/18	19/19	18/19
	5.1.1	Lifting speed, laden / unladen	m/s	0.38/0.40	0.38/0.41	0.34/0.36	0.33/0.36	
	5.2	Lowering speed, laden / unladen	m/s	0.45/0.38	0.38/0.37	0.37/0.36	0.45/0.38	
	5.3	Maximum drawbar pull with/without load	N	17739/9870	24100/17500	20100/15000	16679/9870	
	5.4	Drawbar pull, with / without load @ 1.6km/h	N	16500/13000	20400/15000	17500/12500	14000/12000	
	5.7	Drawbar pull with / without load @ 4.8km/h	N	8968/8892	15500/9500	12000/1100	6906/8892	
	5.8	Gradeability, with / without load, @ 1.6km/h	%	19/25	20/24		17/25	
	5.9	Gradeability, with / without load @ 4.8km/h	%	13/19	17/21	15/20	10/19	
	5.10	Service brake		Hydraulic				
	COMBUSTION-ENGINE	7.1	Engine	Yanmar 3.3L	L4CRV-T6	HMC2.4L L4KB	GCT K25	
7.2		Engine power according to ISO 1585	kW	42.1	42	43	37.4	
7.3		Rated speed	min <sup>-1</sup>	2300			2300	
7.4		Number of cylinders		4				
7.4		Cylinder displacement	cm <sup>3</sup>	3319	2505	2359	2488	
7.5		Fuel consumption according to VDI cycle	l/h or kg/h	4.9	4.2	4.08	4.3	
ADDITIONAL DATA	8.1	Type of drive	Automatic					
	10.1	Operating pressure of attachments	bar	0-175	0-195	0-175		
	10.2	Oil volume for attachments	ℓ/min	64				
	10.3	Hydraulic oil tank capacity - initial fill	ℓ	70				
	10.4.2	Fuel tank capacity	ℓ	70				
	10.7.1	Sound pressure at driver's ear OHG	dB(A)	88.5	84	81.5	81.7	
	10.7.3	Guaranteed sound power 2001/14/EC	dB(A)	104		100	103	
	10.8	Towing coupling type		PIN				

# About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

Yale Lift Truck Technologies is a trading name of Hyster-Yale Asia-Pacific Pty Ltd., a wholly owned subsidiary of Hyster-Yale Materials Handling, Inc. (NYSE:HY) which is headquartered in Cleveland, Ohio and operates globally.

## MATERIALS HANDLING FOR:

3PL

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Government

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Home Centers

Retail & E-commerce

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