VX Series

Diesel and LP Gas Forklift Trucks

6,000kg and 7,000kg

- Intellix Vehicle System Manager
- Canbus technology
- Choice of Transmissions
- Oil Immersed Brakes
- Accutouch Mini Levers, PalmTech joystick and manual levers
- Pneumatic, supercushion and Michelin XZM radial tyres

Yale®

People. Products. Productivity.™

VDI 2198 - General Specifications

Distinguishing Mark	1.1	Manufacturer (abbreviation)		Yale									
	1.2	Manufacturer's type designation		**GDP 60 VX**									
		Model		Kubota 3.6L Electronic 2 Speed Powershift		Kubota 3.8L Electronic 2 Speed Powershift with Soft Shift Power Reversal		Kubota 3.8L Techtronix 332 3 Speed/ Techtronix 332+ 3 Speed		Kubota 3.6L Electronic 2 Speed Powershift	
		Engine/Transmission		Base		Base		Value / Productivity		Base	
		Brake Type		Oil Immersed		Oil Immersed		Oil Immersed		Oil Immersed	
	1.3	Drive: electric (battery or mains), diesel, petrol, LPG		Diesel		Diesel		Diesel		Diesel	
	1.4	Operator type: hand, pedestrian, standing, seated, orderpicker		Seated Rider		Seated Rider		Seated Rider		Seated Rider	
	1.5	Rated capacity/rated load	Q (kg)	6000		6000		6000		7000	
	1.6	Load centre distance	c (mm)	600		600		600		600	
	1.8	Load distance, centre of drive axle to fork	x (mm)	601		601		601		601	
	1.9	Wheelbase	y (mm)	2235		2235		2235		2235	
Weights	2.1	Service weight (w/std equipment: mast, carriage, forks, etc.)	kg	8950		8950		8950		9462	
	2.2	Axle loading, laden front/rear	kg	13888	1185	13888	1185	13888	1185	15166	1327
	2.3	Axle loading, unladen front/rear	kg	4354	4596	4354	4596	4354	4596	4219	5243
Tyres/Chassis	3.1	Tyres: P=pneumatic, C=cushion, SC=supercushion		P		P		P		P	
	3.2	Tyre size, front		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR	
	3.3	Tyre size, rear		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR	
	3.5	Number of wheels, front/rear (x = driven wheels)		4X / 2		4X / 2		4X / 2		4X / 2	
	3.6	Tread, front	b10 (mm)	1846		1846		1846		1846	
	3.7	Tread, rear	b11 (mm)	1536		1536		1536		1536	
Dimensions	4.1	Tilt of mast/fork carrige, forward/backward	α / β (°)	5 / 10		5 / 10		5 / 10		5 / 10	
	4.2	Height, mast lowered	h1 (mm)	2740		2740		2740		2740	
	4.3	Free lift ▲	h2 (mm)	100		100		100		100	
	4.4	Lift ▲	h3 (mm)	3340		3340		3340		3340	
	4.5	Height, mast extended ✚	h4 (mm)	4530		4530		4530		4530	
	4.7	Height of overhead guard (cabin) ❍	h6 (mm)	2531		2531		2531		2531	
	4.7.1	Cab height (open cab)	mm	2549		2549		2549		2549	
	4.8	Seat height/stand height ✘	h7 (mm)	1540		1540		1540		1540	
	4.12	Coupling height	h10 (mm)	474		474		474		474	
	4.19	Overall length	l1 (mm)	4805		4805		4805		4869	
	4.20	Length to face of forks	l2 (mm)	3605		3605		3605		3669	
	4.21	Overall width	b1/b2 (mm)	2082		2082		2082		2082	
	4.22	Fork dimensions	s/e/l (mm)	60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200	
	4.23	Fork carriage DIN 15173, class/type A/B		IVA		IVA		IVA		IVA	
	4.24	Fork carriage width ◗	b3 (mm)	1981		1981		1981		1981	
	4.31	Ground clearance, laden, below mast	m1 (mm)	125		125		125		125	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	253		253		253		253	
	4.33	Aisle width with pallets 1000mm long x 1200mm wide	Ast (mm)	5121		5121		5121		5189	
	4.34	Aisle width with pallets 800mm wide x 1200mm long	Ast (mm)	5321		5321		5321		5389	
	4.35	Turning radius (outer)	Wa (mm)	3320		3320		3320		3388	
	4.36	Internal turning radius	b13 (mm)	1271		1271		1271		1271	
	4.41	90° intersecting aisle (With pallet W = 1200mm, L = 1000mm)	mm	2823		2823		2823		2823	
	4.42	Step Height (from ground to running board)	mm	321		321		321		321	
	4.43	Step Height (between intermediate steps between running board and floor)	mm	256		256		256		256	
Performance Data	5.1	Travel speed, laden/unladen	km/h								
		Stage IIIA diesel engine	km/h	23.2	23.8					23.2	23.8
		Stage IIIB diesel engine	km/h			21.2	21.6	23.0	23.7		
	5.2	Lift speed, laden/unladen (2LFL)	m/sec	0.52	0.55	0.48	0.49	0.48	0.49	0.49	0.55
	5.3	Lowering speed, laden/unladen (2LFL)	m/sec	0.58	0.53	0.58	0.53	0.58	0.53	0.58	0.53
	5.5	Drawbar pull, laden/unladen @ 1.6 km/h	kN								
		Stage IIIA diesel engine	kN	39269	26950					39029	26620
		Stage IIIB diesel engine	kn			42147	26950	44480	26950		
	5.7	Gradeability, laden/unladen @ 1.6 km/h	%								
		Stage IIIA diesel engine	%	27.6	31.9					24.9	29.1
		Stage IIIB diesel engine	%			29.9	31.9	31.3	31.9		
	5.10	Service brake		Hydraulic		Hydraulic		Hydraulic		Hydraulic	
Combustion Engine	7.1	Engine manufacturer/type		Kubota 3.6L		Kubota 3.8L		Kubota 3.8L		Kubota 3.6L	
	7.2	Engine power according to ISO1585	kW	62		70		70		62	
	7.3	Rated speed at max. power	rpm	2400		2200		2200		2400	
	7.4	Number of cylinders/displacement	cm3	4 / 3620		4 / 3769		4 / 3769		4 / 3620	
	7.5	Fuel consumption according VDI cycle	l/hr	6,80		6,40		7,41		7,46	
Addition Data	8.1	Type of drive control		Hydrodynamic		Hydrodynamic		Hydrodynamic		Hydrodynamic	
	8.2	Operating pressure for attachments (nominal relief pressure)	bar	155		155		155		155	
	8.3	Oil volume for attachments (nominal) ↕	l/min	83.3		83.3		83.3		83.3	
	8.4	Sound level at driver's ear according DIN 12053 (without / with cab) ★	dB(A)	80 / 80		79 / 79		79 / 79		80 / 80	
		Guaranteed sound power 2001/14/EC	dB	106		105		105		106	
	8.5	Towing coupling, type DIN		Pin		Pin		Pin		Pin	
	8.7	Hydraulic Tank - capacity (drain & refill)	litres	70,9		70,9		70,9		70,9	
	8.8	Fuel Tank - capacity (Diesel)	litres	74,8		74,8		74,8		74,8	

★ Measured according to the test cycles and based on the weighting values contained in EN12053.

↕ Variable

▲ Top of forks

✘ Full suspension seat in depressed position

◗ Add 32mm with load backrest

❍ h6 subject to +/- 5mm tolerance

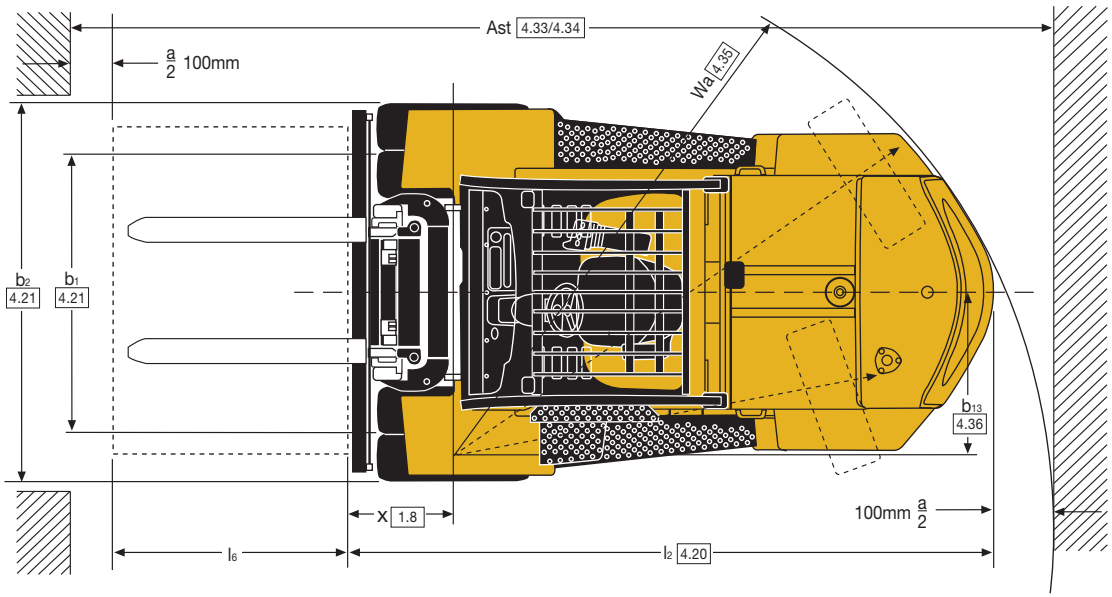
✚ Without load backrest.

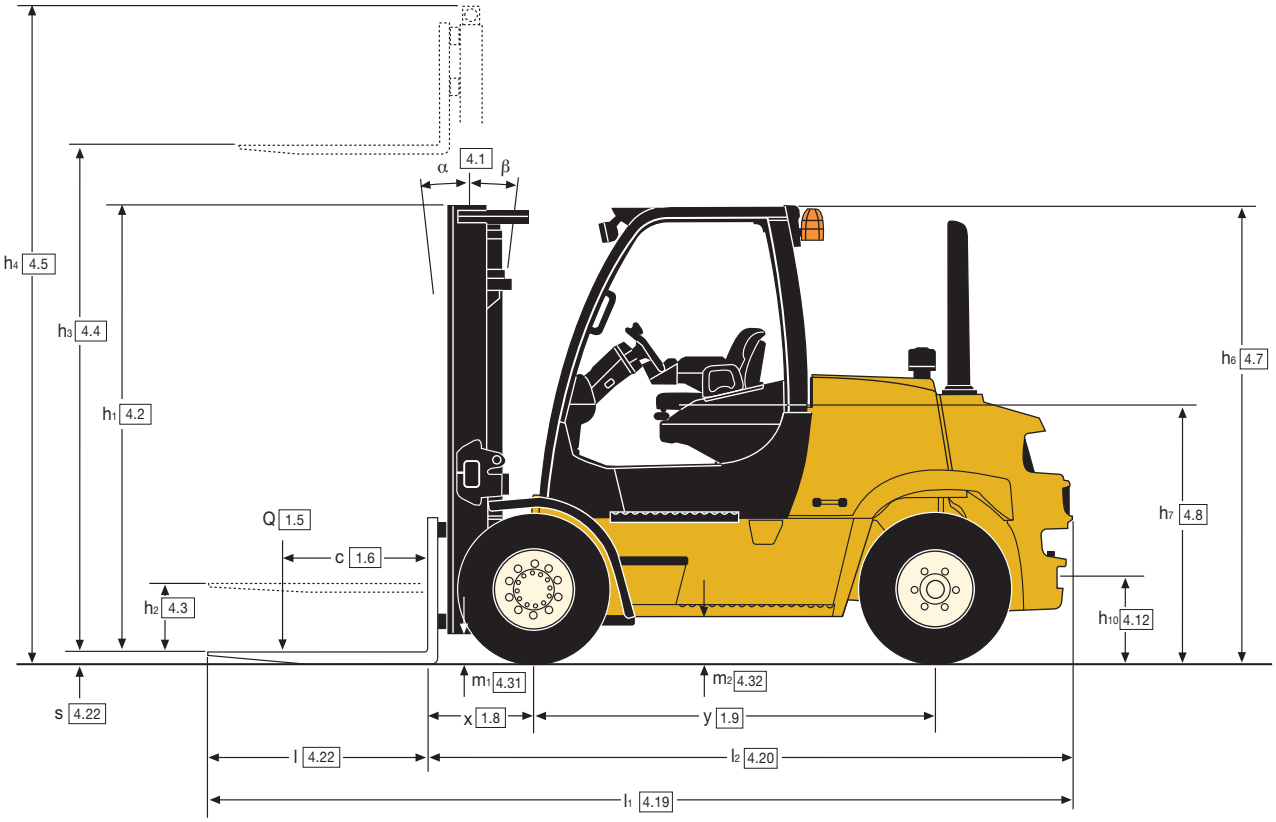
Spec sheet truck based on :
3400mm top of forks 2 stage LFL mast with standard 1981mm Class IVA carriage and 1200mm forks.

Yale				Yale						Yale						1.1	
GDP 70 VX				**GLP 60 VX**						**GLP 70 VX**						1.2	
Kubota 3.8L Electronic 2 Speed Powershift with Soft Shift Power Reversal		Kubota 3.8L Techtronix 332 3 Speed/ Techtronix 332+ 3 Speed		GM 4.3L Electronic 2 Speed Powershift		GM 4.3L Electronic 2 Speed Powershift with Soft Shift Power Reversal		GM 4.3L Techtronix 332 3 Speed / Techtronix 332+ 3 Speed		GM 4.3L Electronic 2 Speed Powershift		GM 4.3L Electronic 2 Speed Powershift with Soft Shift Power Reversal		GM 4.3L Techtronix 332 3 Speed / Techtronix 332+ 3 Speed			Distinguishing Mark
Base		Value / Productivity		Base		Base		Base		Base		Base		Value/ Productivity			
Oil Immersed		Oil Immersed		Oil Immersed		Oil Immersed		Oil Immersed		Oil Immersed		Oil Immersed		Oil Immersed			
Diesel		Diesel		LPG		LPG		LPG		LPG		LPG		LPG		1.3	
Seated Rider		Seated Rider		Seated Rider		Seated Rider		Seated Rider		Seated Rider		Seated Rider		Seated Rider		1.4	
7000		7000		6000		6000		6000		7000		7000		7000		1.5	
600		600		600		600		600		600		600		600		1.6	
601		601		601		601		601		601		601		601		1.8	
2235		2235		2235		2235		2235		2235		2235		2235		1.9	
9462		9462		8900		8900		8900		9410		9410		9410		2.1	Weights
15166	1327	15166	1327	13862	1347	13862	1347	13862	1347	15140	1301	15140	1301	15140	1301	2.2	
4219	5243	4219	5243	4328	4572	4328	4572	4328	4572	4193	5217	4193	5217	4193	5217	2.3	
P		P		P		P		P		P		P		P		3.1	Tyres/Chassis
8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		3.2	
8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		8.25x15 14PR		3.3	
4X / 2		4X / 2		4X / 2		4X / 2		4X / 2		4X / 2		4X / 2		4X / 2		3.5	
1846		1846		1846		1846		1846		1846		1846		1846		3.6	
1536		1536		1536		1536		1536		1536		1536		1536		3.7	
5 / 10		5 / 10		5 / 10		5 / 10		5 / 10		5 / 10		5 / 10		5 / 10		4.1	Dimensions
2740		2740		2740		2740		2740		2740		2740		2740		4.2	
100		100		100		100		100		100		100		100		4.3	
3340		3340		3340		3340		3340		3340		3340		3340		4.4	
4530		4530		4530		4530		4530		4530		4530		4530		4.5	
2531		2531		2531		2531		2531		2531		2531		2531		4.7	
2549		2549		2549		2549		2549		2549		2549		2549		4.7.1	
1540		1540		1540		1540		1540		1540		1540		1540		4.8	
474		474		474		474		474		474		474		474		4.12	
4869		4869		4805		4805		4805		4869		4869		4869		4.19	
3669		3669		3605		3605		3605		3669		3669		3669		4.20	
2082		2082		2082		2082		2082		2082		2082		2082		4.21	
60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200		60 x 150 x 1200		4.22	
IVA		IVA		IVA		IVA		IVA		IVA		IVA		IVA		4.23	
1981		1981		1981		1981		1981		1981		1981		1981		4.24	
125		125		125		125		125		125		125		125		4.31	
253		253		253		253		253		253		253		253		4.32	
5189		5189		5121		5121		5121		5189		5189		5189		4.33	
5389		5389		5321		5321		5321		5389		5389		5389		4.34	
3388		3388		3320		3320		3320		3388		3388		3388		4.35	
1271		1271		1271		1271		1271		1271		1271		1271		4.36	
2823		2823		2823		2823		2823		2823		2823		2823		4.41	
321		321		321		321		321		321		321		321		4.42	
256		256		256		256		256		256		256		256		4.43	
				22.0	22.5	22.0	22.5	25.1	25.7	22.0	22.5	22.0	22.5	25.1	25.7	5.1	Performance Data
21.1	21.6	23.0	23.7														
0.48	0.49	0.48	0.49	0.53	0.54	0.53	0.54	0.53	0.54	0.53	0.54	0.53	0.54	0.53	0.54	5.2	
0.58	0.53	0.58	0.53	0.58	0.53	0.58	0.53	0.58	0.53	0.58	0.53	0.58	0.53	0.58	0.53	5.3	
				35500	27176	35500	27176	44500	27176	35253	26476	35253	26476	44500	26476	5.5	
41907	26220	44480	26220														
				24.5	31.9	24.5	31.9	31.2	31.9	22.1	29.1	22.1	29.1	25.1	29.1	5.7	
26.9	29.1	28.4	29.1														
Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		5.10	
Kubota 3.8L		Kubota 3.8L		GM 4.3L		GM 4.3L		GM 4.3L		GM 4.3L		GM 4.3L		GM 4.3L		7.1	Combustion Engine
70		70		75		75		75		75		75		75		7.2	
2200		2200		2400		2400		2400		2400		2400		2400		7.3	
4 / 3769		4 / 3769		6 / 4302		6 / 4302		6 / 4302		6 / 4302		6 / 4302		6 / 4302		7.4	
7,06		8,35		14,35		14,35		13,56		16,83		16,83		16,83		7.5	
Hydrodynamic		Hydrodynamic		Hydrodynamic		Hydrodynamic		Hydrodynamic		Hydrodynamic		Hydrodynamic		Hydrodynamic		8.1	Addition Data
155		155		155		155		155		155		155		155		8.2	
83.3		83.3		83.3		83.3		83.3		83.3		83.3		83.3		8.3	
79 / 79		79 / 79		82 / 78		82 / 78		82 / 78		82 / 78		82 / 78		82 / 78		8.4	
105		105		107		107		107		107		107		107			
Pin		Pin		Pin		Pin		Pin		Pin		Pin		Pin		8.5	
70,9		70,9		70,9		70,9		70,9		70,9		70,9		70,9		8.7	
74,8		74,8		-		-		-		-		-		-		8.8	

Truck Dimensions

If $b_{12/2} \leq b_{13}$
Ast = Wa + x + l_6 + a
If $b_{12/2} > b_{13}$
Ast = Wa + R + a = Wa + $\sqrt{((l_6 + x)^2 + (b_{12/2} - b_{13})^2)}$ + a





Mast details and capacity ratings (kg) - all tyre types

Model								GLP/GDP 60 VX		GLP/GDP 70 VX	
Drive tyre size								8.25x15 Supercushion		8.25x15 Supercushion	
								8.25R15 Michelin Radial		8.25R15 Michelin Radial	
								8.25x15 14PR Pneumatic		8.25x15 14PR Pneumatic	
Width across tyres								2082mm		2082mm	
Mast	**OAH h1**	**FFH h2+s**	**MFH h3+s**	**Without LBR h4**	**With LBR h4**	**Tilt**		**with forks**		**with forks**	
								600	**700**	**600**	**700**
						F	B	**LC**	**LC**	**LC**	**LC**
2-Stage LFL (V)	2540	160	3000	4130	4354	5	10	6000	5880	7000	6810
	2740	160	3400	4530	4754	5	10	6000	5870	7000	6800
	3240	160	4400	5530	5754	5	10	6000	5820	7000	6750
	3740	160	5400	6530	6754	5	10	6000	5790	7000	6720
	4165	160	6000	7130	7354	5	6	5830	5600	6800	6510
3-Stage FFL (E)	2570	1440	4700	5830	6054	5	6	6000	5690	7000	6590
	2870	1740	5600	6730	6954	5	6	5800	5460	6780	6350
	3120	1990	6200	7330	7554	5	6	5600	5260	6580	6150

Engine Specifications

LPG Engine Specification

Engine	GM
Cylinders	V6
Displacement	4.3 litre
Power	75 kW @ 2,400rpm
Torque	305 Nm @ 2,400rpm

Stage IIIA Diesel Engine Specification

Engine	Kubota
Cylinders	Inline 4
Displacement	3.6 litre
Power	62 kW @ 2,400rpm
Torque	371 Nm @ 1,400rpm

Stage IIIB Diesel Engine Specification

Engine	Kubota
Cylinders	Inline 4
Displacement	3.8 litre
Power	70 kW @ 2,200rpm
Torque	371 Nm @ 1,400rpm

VX Series

Models: GDP/GLP 60VX, 70VX

Yale Veracitor VX Series
This series of trucks is available in three configurations to meet and exceed your material handling application requirements. The Veracitor Base truck offers first-rate performance and is geared to minimise your cost of acquisition without compromising performance. The Veracitor Value truck provides excellent performance and is optimized for lowest hourly cost of operation.

LPG Engines
Yale Veracitor VX GM Vortec™ V-6 Engines feature a rigid cast iron block and main bearing caps. Nodular iron crankshaft is supported on four main bearings. Camshaft is cast iron. Hydraulic valve lifters are utilized to eliminate the need for manual adjustment. The GM engines also feature an electronic throttle for precise performance and control.

Fuel System:
The standard GM LPG engine uses sequential port fuel injection. The LPG engine uses a vaporizer/regulator to convert the fuel from a liquid to a gas for vapour injection. The Engine Control Unit electronically regulates the fuel, air, and spark advance to provide the necessary torque. The engine control unit's inputs include manifold air pressure, manifold air temperature, engine coolant temperature, accelerator pedal position, throttle position, engine speed, cam signal, and oxygen sensor signal.

Diesel Engines
The Yale Veracitor Kubota turbo charged diesel engines deliver outstanding reliability. A standard Kubota V3600 IDI-T 3.6 L (62kW@2400rpm) engine is offered for the Veracitor Base model and is available for unregulated markets. High power Kubota V3800 E4 3.8L (70 kW@2200rpm) engine is offered for the Veracitor Base and is available for regulated markets.

Advance Veracitor Value model coupled with the Techtronix 332 3-speed transmission, to suit the more arduous applications. The Kubota V3800 E4 3.8L engine represents the latest technology in off-highway engines. The engine is turbocharged, with charge air intercooling and an electronically controlled high pressure common rail fuel system.

The Stage IIIB Kubota 3.8L diesel engine meets the stringent emissions regulations by using a number of technologies including cooled exhaust gas recirculation, charge air cooling and an active regenerating Diesel particulate filter (DPF) which reduces soot levels by 90% to 0.025g/kWh.

Stage IIIB = High productivity and low emissions. You can recognize a low emission trucks by the Stage IIIB symbol.

***NOTE:** A Stage IIIB engine must run on Ultra Low Sulphur Diesel (ULSD) fuel, with a maximum of 15 ppm sulphur content. Diesel fuel with a higher sulphur content than 15ppm will compromise the emissions performance of the Stage IIIB engine and may result in damage to components.*

Transmissions
There are two transmission selections available that will handle a wide variety of material handling applications.

Standard Electronic
The standard electronic powershift transmission features two forward and two reverse speeds with electronic shift control, smooth hydraulic inching, neutral start switch, and anti-restart protection. A single pedal controls both inching and braking. Optional dual inch/brake pedals are available for operators who prefer this design. A 100 mesh suction and a 10 micron return line filtration protect the transmission from abrasive contaminants.

The Techronix 300 series
Techtronix 332 includes all the features of the standard electronic powershift transmission. In addition, Auto Deceleration is accomplished through the controlled application of the clutch packs. Controlled power reversals (below 11.3 kph) are managed by precisely regulating engine speed to reduce driveline stress during directional changes. Inching is controlled electronically.

VX Series

Models: GDP/GLP 60VX, 70VX

The Techtronix 332 transmission features three speeds forward and two speeds in reverse for excellent gradeability and drawbar pull while allowing top travel speeds for maximum productivity.

Cooling System

The cooling System employs a 43cm (diameter) blade pusher-type fan made of steel. A permanently lubricated water pump and a high capacity, cross-flow radiator ensure rapid heat dissipation. The sealed cooling system operates at a pressure of 1.03 bar and includes a coolant recovery tank for visual inspection of coolant level. The standard combi-cooler radiator features an externally mounted transmission oil cooler for increased heat transfer capability. Both the radiator and oil cooler are built with square-wave construction to reduce clogging from debris and are soft-mounted for excellent durability.

Drive Axle

The drive axles are designed to withstand heavy loads and absorb shocks. The wheel hubs rotate on large tapered roller bearings. The drive shaft transmits rotational torque to the drive axle from the engine and transmission. Transmission torque is distributed through planetary gear reduction and an industrial hypoid ring gear and pinion differential assembly.

The drive axle is a “self contained” assembly that is isolated from the transmission by the drive shaft and heavy-duty rubber isolators. The axle shafts utilise a “rolled fillet” root spline design for increased resistance to torsion stress. A magnetic sump plug is used to collect any metal particles that are circulating in the axle oil, preventing component wear.

Brakes

Oil immersed brakes are standard and internal to the axle for better protection against the elements. These low pedal effort brakes require no adjustments and very little maintenance, yet provide an extremely long service life.

The hydraulically boosted single circuit master cylinder has a sealed fluid reservoir and features a fluid level sensor which activates an indicator light located on the instrument panel. Independent, hand adjustable parking brake with push-button release has an audible alarm to indicate when the operator has left the truck without applying the parking brake.

Steering

Hydraulic Power Steering (hydrostatic steering) provides responsive control and eliminates mechanical linkages for reduced surface shock and simplified maintenance. The steering wheel is 30cm in diameter with a textured surface grip and spinner knob, and requires only four turns lock-to-lock. The center mounted steer cylinder is located within the confines of the steer axle for protection.

Steer Axle is constructed of cast steel and is mounted on phenolic bushings, allowing excellent stability and axle articulation. The steer axle system features tapered spindle bearings and non-adjustable tie rod end for durability.

Chassis

Chassis designed by state-of-the-art finite element methods features inch-thick frame members and contains a rugged, unitised frame structure with a low step for simple entrance to the operator’s compartment. Ergonomically designed overhead guard is bar type for excellent visibility and reduced noise.

Operator’s Compartment

The operator’s compartment features cowl mounted hydraulic control levers positioned on the right side of the steering column. Optional Accutouch minilever, electro-hydraulic controls are integrated into the operator’s right-side armrest allowing superior ergonomic actuation. Automotive-style pedal arrangement with a large, single inch/brake pedal is standard. Rubber floor mat reduces noise and vibration. The floorplate can be removed without tools for excellent service access. Low step height and a convenient hand grip provide easy entry and exit to and from the truck.

Intellix Vehicle System Manager

Intellix VSM acts as a master truck controller, providing extensive monitoring and control of truck functions and systems. CANbus technology reduces wiring complexity and enables comprehensive communications between truck systems. The ergonomically positioned dash display transmits continual feedback to the operator and allows for communication of service codes.

VX Series

Models: GDP/GLP 60VX, 70VX

Comprehensive on-board diagnostics enable quick and easy troubleshooting. The electrical system features sealed connectors and Hall Effect sensors for superior dependability.

Hydraulic System

The hydraulic system incorporates a gear type pump with a cast iron body for quiet efficiency. The system is protected from overloads by a main relief valve for the lift circuit and a secondary relief valve for tilt and auxiliary functions. Oil is double filtered through a 100 mesh suction line strainer and 10 micron return line filter. The hydraulic tank is integrated into the frame. For Accutouch minilever, electro-hydraulic controls, an emergency lowering valve is provided to allow the load to be lowered in the event of power loss. O-ring face seal fittings are used in all high pressure hydraulic connections.

Masts

Yale Hi-Vis™ 2 stage LFL (V) and 3 stage FFL (E) masts afford operators outstanding visibility. Nested channel design incorporates angled load rollers for durability. Rolled mast channels and formed cross-members provide high strength. All masts have internal hose routings for protection and improved visibility.

Leaf-type chain provides superior strength. 1980mm hook-type carriages are standard equipment, providing great visibility and handles a wide variety of forks and attachments. Pin-type carriages are also available.

Options

- Powertrain protection system
- Premium monitoring package
- High air intake with precleaner
- Accumulator
- Headlights and rear drive lights with halogen bulbs
- Traction speed limiter
- Dual LPG tank bracket
- Return-to-set tilt
- Integral operator's cab
- Swivel full suspension seats
- Foot Directional Control pedal
- Operator password
- Mirrors
- Alarm-Reverse Actuated 82-102 dB(A) - Self-Adjusting
- Amber Strobe Light - Continuous Activated
- Solid and radial tires
- 4 function (2 aux) hydraulic control valve
- 5° forward/6° backward tilt.

NACCO Materials Handling Limited
trading as **Yale Europe Materials Handling**
Flagship House, Reading Road North, Fleet, Hampshire GU51 4WD, United Kingdom.
Tel: + 44 (0) 1252 770700 Fax: + 44 (0) 1252 770784
www.yale-forklifts.eu

Country of Registration: England. Company Registration Number: 02636775

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

Yale, VERACITOR and are registered trademarks. "PEOPLE, PRODUCTS, PRODUCTIVITY", PREMIER, Hi-Vis, and CSS are trademarks in the United States and certain other jurisdictions. is a Registered Copyright.
© Yale Europe Materials Handling 2013. All rights reserved.

Truck shown with optional equipment

Publication part no. 290000273 Rev.03
Printed in The United Kingdom (0113HG) EN