



# GLP/GDP 1.6-2.0N

SPEC SHEET

1,600 - 2,000 kg

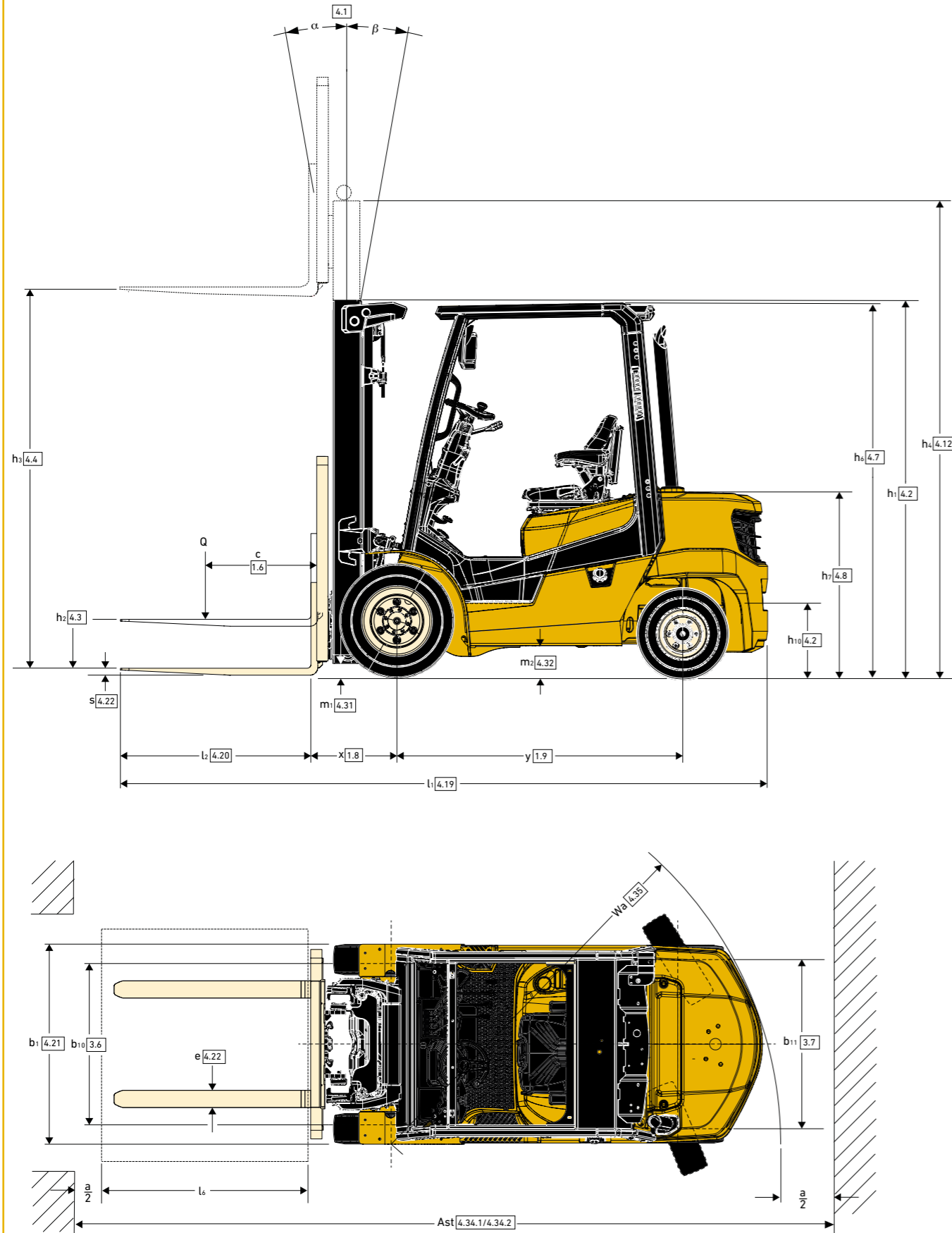
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Series N

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Diesel and LPG  
Forklift Trucks

## TRUCK DIMENSIONS – SERIES N



## VDI 2198 – GENERAL SPECIFICATIONS – SERIES N

		Yale				
		GLP1.6N	GLP1.8N	GLP2.0NS		
GENERAL	1-1	Manufacturer	Yale			
	1-2	Model designation				
	1-2-1	Engine	Yanmar 2.2L			
	1-2-2	CE compliance / Emission standards	Stage V			
	1-2-3	Transmission	Electronic Powershift 1-Speed			
	1-2-4	Brake Type	Drum Brakes			
	1-3	Drive	LPG			
	1-4	Operator type	Seated			
	1-5	Rated capacity / rated load	Q (t)	1.6	1.8	2.0
1-6	Load centre distance	c (mm)	500			
1-8	Load distance, centre of drive axle to fork	x (mm)	409			
1-9	Wheelbase	y (mm)	1480			
WEIGHT	2-1	Service weight	kg			
	2-2	Axle loading, laden front / rear	kg			
	2-3	Axle loading, unladen front / rear	kg			
TYRES	3-1	Tyres	Superelastic			
	3-2	Tyre size, front	6.50-10			
	3-3	Tyre size, rear	5.00-8			
	3-5	Number of wheels, front / rear (X = driven)	2x / 2			
	3-6	Tread, front	b10 (mm)	904		
	3-7	Tread, rear	b11 (mm)	896		
	DIMENSIONS	4-1	Tilt of mast / fork carriage forward / backward	$\alpha / \beta$ (°)		
4-2		Height, mast lowered	h1 (mm)			
4-3		Free lift <sup>(1)</sup>	h2 (mm)			
4-4		Lift <sup>(1)</sup>	h3 (mm)			
4-5		Height, mast extended <sup>(2)</sup>	h4 (mm)			
4-7		Height of overhead guard <sup>(3)</sup>	h4.7 (mm)			
4-8		Seat height relating to SIP / stand height <sup>(4)</sup>	h7 (mm)			
4-12		Coupling height	h10 (mm)			
4-19		Overall length	l1 (mm)	3275	3305	3349
4-20		Length to face of forks	l2 (mm)	2275	2305	2349
4-21		Overall width (single / wide / dual)	b1/b2 (mm)			
4-22		Fork dimensions DIN ISO 2331	s/e/l (mm)			
4-23		Fork carriage ISO 2328, class / type A, B	II A			
4-24		Fork carriage width <sup>(5)</sup>	b3 (mm)			
4-31		Ground clearance, laden, below mast	m1 (mm)			
4-32		Ground clearance, centre of wheelbase	m2 (mm)			
4-34-1		Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3662	3676	3694
4-34-2		Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	3862	3876	3894
4-35		Turning radius	Wa (mm)	2053	2066	2085
4-36		Internal turning radius	b13 (mm)	531	540	550
4-41	90° intersecting aisle (with pallet W = 1200mm, L = 1000mm)		1805	1887	1896	
4-42	Step height (from ground to running board)	(mm)	438			
4-43	Step height (between intermediate steps between running board and floor)	(mm)	242			
PERFORMANCE	5-1	Travel speed, laden / unladen	km/h			
	5-1-1	Travel speed, laden / unladen, backwards	km/h			
	5-2	Lift speed, laden / unladen (CDP)	m/s		0.60 / 0.61	0.59 / 0.61
	5-3	Lowering speed, laden / unladen	m/s			
	5-5	Drawbar pull, laden <sup>(6)</sup>	N	12874		12751
	5-7	Gradeability, laden / unladen <sup>(7)</sup>	%	21 / 28	19 / 28	17 / 28
	5-9	Acceleration time, laden / unladen (to 15m)	s	2.6 / 2.3		2.8 / 2.4
	5-10	Service brake	Hydraulic			
	ENGINE	7-1	Engine manufacturer / type	Yanmar / 4TN88G/GN		
		7-2	Engine power according to ISO 1585	kW		
7-3		Rated speed	min-1			
7-3-1		Torque at 1 / min	(N-m/min)			
7-4		Number of cylinders / displacement	(-)/cm3			
7-5		Fuel consumption according to VDI 2198 (CDP/VDP)	l/h or kg/h		2.5 / 2.3	2.6 / 2.4
7-5-1		Fuel consumption according to VDI EN16796 (CDP/VDP)	l/h or kg/h		2.1 / 2.0	2.2 / 2.1
7-6	Turnover output (Power / ECO)	(1/h)				
OTHER	8-1	Type of drive unit	Automatic			
	10-1	Operating pressure for attachments	bar			
	10-2	Oil volume for attachments <sup>(8)</sup>	l/min			
	10-3	Hydraulic oil tank, capacity	litres			
	10-4	Fuel tank, capacity	litres			
	10-7	Sound pressure level at the driver's seat <sup>(9)</sup>	dB(A)			
	10-7-1	Guaranteed sound power 2001 / 14 / EC	dB(A)			
	10-8	Towing coupling type	Pin			

(1) Top of forks

(2) Without load backrest

(3) h6 subject to +/- 5 mm tolerance

(4) Full suspension seat to manufacturers SIP

(5) add 32mm with load backrest

(6) at 1.6km/h

(7) at 4.8km/h

(8) variable.

(9) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053.

Spec sheet truck based on: 3290mm (2.5) / 3105mm (3.0) Top of Forks, 2 stage LFL mast with standard carriage, 1000mm forks with manual levers

## VDI 2198 – GENERAL SPECIFICATIONS – SERIES N

GENERAL	1-1		Yale			
	Manufacturer	Model designation	GDP1.6N	GDP1.8N	GDP2.0NS	
GENERAL	1-2-1	Engine	Yanmar 2.6L			
	1-2-2	CE compliance / Emission standards	Tier III			
	1-2-3	Transmission	Electronic Powershift 1-Speed			
	1-2-4	Brake Type	Drum Brakes			
	1-3	Drive	Diesel			
	1-4	Operator type	Seated			
	1-5	Rated capacity / rated load	Q (t)	1.6	1.8	2.0
	1-6	Load centre distance	c (mm)	500		
	1-8	Load distance, centre of drive axle to fork	x (mm)	409		
	1-9	Wheelbase	y (mm)	1480		
WEIGHT	2-1	Service weight	kg 2993			
	2-2	Axle loading, laden front / rear	kg 3962 / 631			
	2-3	Axle loading, unladen front / rear	kg 1402 / 1591			
TYRES	3-1	Tyres	Superelastic			
	3-2	Tyre size, front	6.50-10			
	3-3	Tyre size, rear	5.00-8			
	3-5	Number of wheels, front / rear (X = driven)	2x / 2			
	3-6	Tread, front	b10 (mm)	904		
	3-7	Tread, rear	b11 (mm)	896		
	DIMENSIONS	4-1	Tilt of mast / fork carriage forward / backward	$\alpha / \beta$ (°) 6 / 6		
4-2		Height, mast lowered	h1 (mm) 1966			
4-3		Free lift <sup>(1)</sup>	h2 (mm) 50			
4-4		Lift <sup>(1)</sup>	h3 (mm) 2960			
4-5		Height, mast extended <sup>(2)</sup>	h4 (mm) 3875			
4-7		Height of overhead guard <sup>(3)</sup>	h4 (mm) 2150			
4-8		Seat height relating to SIP / stand height <sup>(4)</sup>	h7 (mm) 1147			
4-12		Coupling height	h10 (mm) 379			
4-19		Overall length	l1 (mm)	3275	3305	3349
4-20		Length to face of forks	l2 (mm)	2275	2305	2349
4-21		Overall width (single / wide / dual)	b1/b2 (mm)	1070 / 1251		
4-22		Fork dimensions DIN ISO 2331	s/e/l (mm)	40 x 100 x 1000		
4-23		Fork carriage ISO 2328, class / type A, B	II A			
4-24		Fork carriage width <sup>(5)</sup>	b3 (mm)	980		
4-31		Ground clearance, laden, below mast	m1 (mm)	95		
4-32		Ground clearance, centre of wheelbase	m2 (mm)	126		
4-34-1		Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3662	3676	3694
4-34-2		Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	3862	3876	3894
4-35		Turning radius	Wa (mm)	2053	2066	2085
4-36		Internal turning radius	b13 (mm)	531	540	550
4-41		90° intersecting aisle (with pallet W = 1200mm, L = 1000mm)	1805			
4-42		Step height (from ground to running board)	(mm)	438		
4-43		Step height (between intermediate steps between running board and floor)	(mm)	242		
PERFORMANCE		5-1	Travel speed, laden / unladen	km/h 20 / 20		
		5-1-1	Travel speed, laden / unladen, backwards	km/h 20 / 20		
		5-2	Lift speed, laden / unladen (CDP)	m/s 0.60 / 0.61		
		5-3	Lowering speed, laden / unladen	m/s 0.58 / 0.47		
		5-5	Drawbar pull, laden <sup>(6)</sup>	12015	11959	11892
		5-7	Gradeability, laden / unladen <sup>(7)</sup>	% 19 / 28		
	5-9	Acceleration time, laden / unladen (to 15m)	s 2.7 / 2.3			
	5-10	Service brake	Hydraulic			
	ENGINE	7-1	Engine manufacturer / type	Yanmar / 4TNE92		
		7-2	Engine power according to ISO 1585	kW 29.8		
7-3		Rated speed	min-1 2050			
7-3-1		Torque at 1 / min	(N·m/min) 146 / 1400			
7-4		Number of cylinders / displacement	(-)/cm <sup>3</sup> 4 / 2659			
7-5		Fuel consumption according to VDI 2198 (CDP/VDP)	l/h or kg/h 2.3 / 2.1			
7-5-1		Fuel consumption according to VDI EN16796 (CDP/VDP)	l/h or kg/h 2.2 / 2.0			
7-6	Turnover output (Power / ECO)	(l/h) 89 / 82				
OTHER	8-1	Type of drive unit	Automatic			
	10-1	Operating pressure for attachments	bar 180			
	10-2	Oil volume for attachments <sup>(8)</sup>	l/min 40			
	10-3	Hydraulic oil tank, capacity	litres 37.1			
	10-4	Fuel tank, capacity	litres 35.6			
	10-7	Sound pressure level at the driver's seat <sup>(9)</sup>	dB(A) 80			
	10-7-1	Guaranteed sound power 2001 / 14 / EC	dB(A) N/A			
	10-8	Towing coupling type	Pin			

- (1) Top of forks  
 (2) Without load backrest  
 (3) h<sub>6</sub> subject to +/- 5 mm tolerance  
 (4) Full suspension seat to manufacturers SIP  
 (5) add 32mm with load backrest  
 (6) at 1.6km/h  
 (7) at 4.8km/h  
 (8) variable.  
 (9) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053.

Spec sheet truck based on: 3290mm (2.5) / 3105mm (3.0) Top of Forks, 2 stage LFL mast with standard carriage, 1000mm forks with manual levers

## MAST DIMENSIONS – GLP/GDP1.6N

Maximum Fork Height (TOF) (mm)	Back Tilt (°)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (1220mm) (mm)	Free Lift Height without LBR (BOF) (mm)	Capacities (kg) @ 500mm Load Centre			
						Super Elastic Tyres		Pneumatic Radial Tyres	
						Without sideshift (kg)	With sideshift + Fork Positioner (kg)	Without sideshift (kg)	With sideshift + Fork Positioner (kg)
2-Stage Limited Free-Lift (LFL) Mast Class II									
2960	6	1966	3545	4180	50	1600	1600	1600	1600
3260	6	2116	3845	4480	50	1600	1600	1600	1600
3660	6	2316	4245	4880	50	1600	1600	1600	1600
3900	6	2516	4485	5120	50	1600	1600	1600	1600
4200	6	2666	4785	5420	50	1600	1590	1600	1570
4500	6	2816	5085	5720	50	1600	1590	1600	1570
4700	6	2916	5285	5920	50	1530	1530	1530	1500
5000	6	3166	5585	6220	50	1400	1350	1400	1350
5500	6	3416	6085	6720	50	1110	1050	1110	920
2-Stage Full Free-Lift (FFL) Mast Class II									
2990	6	1966	3574	4210	1342	1600	1600	1600	1600
3190	6	2066	3774	4410	1442	1600	1600	1600	1600
3290	6	2116	3874	4510	1492	1600	1600	1600	1600
3490	6	2216	4074	4710	1592	1600	1600	1600	1600
3590	6	2266	4174	4810	1642	1600	1600	1600	1600
4010	6	2516	4594	5230	1892	1600	1600	1600	1600
4510	6	2766	5094	5730	2142	1550	1550	1550	1540
4910	6	2966	5494	6130	2342	1470	1470	1470	1470
5510	6	3316	6094	6730	2692	1350	1350	1340	900
3-Stage Full Free-Lift (FFL) Mast									
4050	6	1966	4628	5270	1348	1600	1600	1600	1600
4450	6	1966	5028	5670	1348	1570	1570	1570	1410
4600	6	2016	5178	5820	1398	1540	1540	1540	1230
4750	6	2066	5328	5970	1448	1510	1510	1510	1090
4900	6	2116	5478	6120	1498	1480	1480	1480	990
5200	6	2266	5778	6420	1648	1420	1420	1260	810
5350	6	2316	5928	6570	1698	1390	1210	1120	730
5500	6	2366	6078	6720	1748	1360	1060	1010	670
6100	6	2616	6678	7320	1998	1130	690	670	440
6550	6	2816	7128	7770	2198	790	510	490	310
7000	6	3016	7578	8220	2398	570	360	340	200

## MAST DIMENSIONS – GLP/GDP1.6N

Maximum Fork Height (TOF) (mm)	Back Tilt (°)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (1220mm) (mm)	Free Lift Height without LBR (BOF) (mm)	Capacities (kg) @ 600mm Load Centre			
						Super Elastic Tyres		Pneumatic Radial Tyres	
						Without sideshift (kg)	With sideshift + Fork Positioner (kg)	Without sideshift (kg)	With sideshift + Fork Positioner (kg)
2-Stage Limited Free-Lift (LFL) Mast Class II									
2960	6	1966	3545	4180	50	1550	1470	1550	1470
3260	6	2116	3845	4480	50	1550	1470	1550	1470
3660	6	2316	4245	4880	50	1540	1470	1540	1470
3900	6	2516	4485	5120	50	1540	1460	1540	1460
4200	6	2666	4785	5420	50	1530	1460	1510	1450
4500	6	2816	5085	5720	50	1490	1420	1470	1400
4700	6	2916	5285	5920	50	1460	1390	1450	1390
5000	6	3166	5585	6220	50	1390	1320	1390	1320
5500	6	3416	6085	6720	50	1110	1050	1110	950
2-Stage Full Free-Lift (FFL) Mast Class II									
2990	6	1966	3574	4210	1342	1540	1470	1540	1470
3190	6	2066	3774	4410	1442	1540	1470	1540	1470
3290	6	2116	3874	4510	1492	1540	1470	1540	1470
3490	6	2216	4074	4710	1592	1540	1470	1540	1470
3590	6	2266	4174	4810	1642	1540	1470	1540	1470
4010	6	2516	4594	5230	1892	1530	1460	1530	1460
4510	6	2766	5094	5730	2142	1480	1410	1480	1410
4910	6	2966	5494	6130	2342	1400	1340	1400	1330
5510	6	3316	6094	6730	2692	1280	1220	1270	930
3-Stage Full Free-Lift (FFL) Mast									
4050	6	1966	4628	5270	1348	1520	1450	1520	1450
4450	6	1966	5028	5670	1348	1500	1430	1500	1410
4600	6	2016	5178	5820	1398	1470	1400	1470	1240
4750	6	2066	5328	5970	1448	1440	1380	1440	1110
4900	6	2116	5478	6120	1498	1420	1350	1410	1000
5200	6	2266	5778	6420	1648	1350	1290	1270	820
5350	6	2316	5928	6570	1698	1320	1260	1130	750
5500	6	2366	6078	6720	1748	1290	1100	1020	680
6100	6	2616	6678	7320	1998	1150	710	680	450
6550	6	2816	7128	7770	2198	820	520	500	320
7000	6	3016	7578	8220	2398	590	370	350	210

All values are nominal values and they are subject to tolerances.

**MAST DIMENSIONS – GLP/GDP1.8N**

Maximum Fork Height (TOF) (mm)	Back Tilt (°)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (1220mm) (mm)	Free Lift Height without LBR (BOF) (mm)	Capacities (kg) @ 500mm Load Centre			
						Super Elastic Tyres		Pneumatic Radial Tyres	
						Without sideshift (kg)	With sideshift + Fork Positioner (kg)	Without sideshift (kg)	With sideshift + Fork Positioner (kg)
2-Stage Limited Free-Lift (LFL) Mast Class II									
2960	6	1966	3545	4180	50	1800	1800	1800	1800
3260	6	2116	3845	4480	50	1800	1800	1800	1800
3660	6	2316	4245	4880	50	1800	1800	1800	1800
3900	6	2516	4485	5120	50	1800	1800	1800	1770
4200	6	2666	4785	5420	50	1760	1740	1760	1710
4500	6	2816	5085	5720	50	1710	1710	1710	1680
4700	6	2916	5285	5920	50	1650	1600	1650	1600
5000	6	3166	5585	6220	50	1400	1350	1400	1330
5500	6	3416	6085	6720	50	1110	1050	1110	820
2-Stage Full Free-Lift (FFL) Mast Class II									
2990	6	1966	3574	4210	1342	1800	1800	1800	1800
3190	6	2066	3774	4410	1442	1800	1800	1800	1800
3290	6	2116	3874	4510	1492	1800	1800	1800	1800
3490	6	2216	4074	4710	1592	1800	1800	1800	1800
3590	6	2266	4174	4810	1642	1800	1800	1800	1800
4010	6	2516	4594	5230	1892	1800	1800	1800	1790
4510	6	2766	5094	5730	2142	1710	1710	1710	1710
4910	6	2966	5494	6130	2342	1630	1630	1620	1490
5510	6	3316	6094	6730	2692	1490	1490	1490	830
3-Stage Full Free-Lift (FFL) Mast									
4050	6	1966	4628	5270	1348	1800	1800	1800	1800
4450	6	1966	5028	5670	1348	1740	1740	1740	1300
4600	6	2016	5178	5820	1398	1710	1710	1710	1160
4750	6	2066	5328	5970	1448	1680	1680	1680	1040
4900	6	2116	5478	6120	1498	1650	1650	1510	950
5200	6	2266	5778	6420	1648	1580	1280	1180	770
5350	6	2316	5928	6570	1698	1550	1120	1070	700
5500	6	2366	6078	6720	1748	1510	990	960	630
6100	6	2616	6678	7320	1998	1060	650	640	410
6550	6	2816	7128	7770	2198	750	470	460	290
7000	6	3016	7578	8220	2398	540	340	320	190

**MAST DIMENSIONS – GLP/GDP1.8N**

Maximum Fork Height (TOF) (mm)	Back Tilt (°)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (1220mm) (mm)	Free Lift Height without LBR (BOF) (mm)	Capacities (kg) @ 600mm Load Centre			
						Super Elastic Tyres		Pneumatic Radial Tyres	
						Without sideshift (kg)	With sideshift + Fork Positioner (kg)	Without sideshift (kg)	With sideshift + Fork Positioner (kg)
2-Stage Limited Free-Lift (LFL) Mast Class II									
2960	6	1966	3545	4180	50	1730	1650	1730	1650
3260	6	2116	3845	4480	50	1730	1650	1730	1650
3660	6	2316	4245	4880	50	1720	1650	1720	1650
3900	6	2516	4485	5120	50	1710	1640	1690	1630
4200	6	2666	4785	5420	50	1680	1600	1660	1580
4500	6	2816	5085	5720	50	1620	1550	1610	1550
4700	6	2916	5285	5920	50	1580	1510	1580	1510
5000	6	3166	5585	6220	50	1400	1350	1400	1350
5500	6	3416	6085	6720	50	1110	1050	1110	850
2-Stage Full Free-Lift (FFL) Mast Class II									
2990	6	1966	3574	4210	1342	1730	1650	1730	1650
3190	6	2066	3774	4410	1442	1720	1650	1720	1650
3290	6	2116	3874	4510	1492	1720	1640	1720	1640
3490	6	2216	4074	4710	1592	1720	1640	1720	1640
3590	6	2266	4174	4810	1642	1720	1640	1720	1640
4010	6	2516	4594	5230	1892	1710	1630	1700	1630
4510	6	2766	5094	5730	2142	1620	1550	1620	1550
4910	6	2966	5494	6130	2342	1540	1470	1540	1470
5510	6	3316	6094	6730	2692	1410	1340	1400	830
3-Stage Full Free-Lift (FFL) Mast									
4050	6	1966	4628	5270	1348	1700	1630	1700	1630
4450	6	1966	5028	5670	1348	1650	1580	1650	1290
4600	6	2016	5178	5820	1398	1620	1550	1620	1150
4750	6	2066	5328	5970	1448	1590	1520	1590	1040
4900	6	2116	5478	6120	1498	1560	1490	1490	940
5200	6	2266	5778	6420	1648	1500	1320	1170	770
5350	6	2316	5928	6570	1698	1460	1150	1060	690
5500	6	2366	6078	6720	1748	1430	1010	950	630
6100	6	2616	6678	7320	1998	1070	660	630	400
6550	6	2816	7128	7770	2198	760	480	460	280
7000	6	3016	7578	8220	2398	540	340	310	180

All values are nominal values and they are subject to tolerances.

**MAST DIMENSIONS – GLP/GDP2.0NS**

Maximum Fork Height (TOF) (mm)	Back Tilt (°)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (1220mm) (mm)	Free Lift Height without LBR (BOF) (mm)	Capacities (kg) @ 500mm Load Centre			
						Super Elastic Tyres		Pneumatic Radial Tyres	
						Without sideshift (kg)	With sideshift + Fork Positioner (kg)	Without sideshift (kg)	With sideshift + Fork Positioner (kg)
2-Stage Limited Free-Lift (LFL) Mast Class II									
2960	6	1966	3545	4180	50	2000	1930	2000	1930
3260	6	2116	3845	4480	50	2000	1930	2000	1930
3660	6	2316	4245	4880	50	2000	1930	2000	1930
3900	6	2516	4485	5120	50	2000	1920	2000	1920
4200	6	2666	4785	5420	50	1960	1880	1960	1880
4500	6	2816	5085	5720	50	1820	1760	1820	1760
4700	6	2916	5285	5920	50	1650	1600	1650	1450
5000	6	3166	5585	6220	50	1400	1350	1400	1060
5500	6	3416	6085	6720	50	1110	1050	1110	690
2-Stage Full Free-Lift (FFL) Mast Class II									
2990	6	1966	3574	4210	1342	2000	1930	2000	1930
3190	6	2066	3774	4410	1442	2000	1930	2000	1930
3290	6	2116	3874	4510	1492	2000	1930	2000	1930
3490	6	2216	4074	4710	1592	2000	1930	2000	1930
3590	6	2266	4174	4810	1642	2000	1930	2000	1930
4010	6	2516	4594	5230	1892	2000	1910	2000	1910
4510	6	2766	5094	5730	2142	1910	1820	1900	1820
4910	6	2966	5494	6130	2342	1820	1730	1820	1130
5510	6	3316	6094	6730	2692	1670	1590	1210	680
3-Stage Full Free-Lift (FFL) Mast									
4050	6	1966	4628	5270	1348	1990	1910	1990	1600
4450	6	1966	5028	5670	1348	1910	1830	1910	1140
4600	6	2016	5178	5820	1398	1880	1800	1690	1020
4750	6	2066	5328	5970	1448	1850	1770	1480	920
4900	6	2116	5478	6120	1498	1820	1510	1300	830
5200	6	2266	5778	6420	1648	1750	1140	1040	670
5350	6	2316	5928	6570	1698	1710	1010	940	600
5500	6	2366	6078	6720	1748	1660	900	840	530
6100	6	2616	6678	7320	1998	940	580	540	320
6550	6	2816	7128	7770	2198	670	410	370	210
7000	6	3016	7578	8220	2398	460	270	240	100

**MAST DIMENSIONS – GLP/GDP2.0NS**

Maximum Fork Height (TOF) (mm)	Back Tilt (°)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (1220mm) (mm)	Free Lift Height without LBR (BOF) (mm)	Capacities (kg) @ 600mm Load Centre			
						Super Elastic Tyres		Pneumatic Radial Tyres	
						Without sideshift (kg)	With sideshift + Fork Positioner (kg)	Without sideshift (kg)	With sideshift + Fork Positioner (kg)
2-Stage Limited Free-Lift (LFL) Mast Class II									
2960	6	1966	3545	4180	50	1820	1740	1820	1740
3260	6	2116	3845	4480	50	1820	1740	1820	1740
3660	6	2316	4245	4880	50	1820	1740	1820	1740
3900	6	2516	4485	5120	50	1810	1730	1810	1730
4200	6	2666	4785	5420	50	1780	1700	1780	1700
4500	6	2816	5085	5720	50	1720	1640	1720	1640
4700	6	2916	5285	5920	50	1650	1600	1650	1500
5000	6	3166	5585	6220	50	1400	1350	1400	1090
5500	6	3416	6085	6720	50	1110	1050	1110	720
2-Stage Full Free-Lift (FFL) Mast Class II									
2990	6	1966	3574	4210	1342	1820	1740	1820	1740
3190	6	2066	3774	4410	1442	1820	1740	1820	1740
3290	6	2116	3874	4510	1492	1820	1740	1820	1740
3490	6	2216	4074	4710	1592	1820	1740	1820	1740
3590	6	2266	4174	4810	1642	1820	1740	1820	1740
4010	6	2516	4594	5230	1892	1810	1730	1810	1730
4510	6	2766	5094	5730	2142	1720	1640	1720	1640
4910	6	2966	5494	6130	2342	1640	1570	1540	1150
5510	6	3316	6094	6730	2692	1510	1440	1240	700
3-Stage Full Free-Lift (FFL) Mast									
4050	6	1966	4628	5270	1348	1800	1720	1800	1580
4450	6	1966	5028	5670	1348	1730	1660	1730	1140
4600	6	2016	5178	5820	1398	1700	1630	1670	1040
4750	6	2066	5328	5970	1448	1670	1600	1470	930
4900	6	2116	5478	6120	1498	1640	1560	1300	840
5200	6	2266	5778	6420	1648	1580	1180	1050	690
5350	6	2316	5928	6570	1698	1550	1040	950	610
5500	6	2366	6078	6720	1748	1510	920	860	550
6100	6	2616	6678	7320	1998	980	600	560	340
6550	6	2816	7128	7770	2198	690	420	390	210
7000	6	3016	7578	8220	2398	490	280	240	110

## FEATURES LIST – SERIES N

PERFORMANCE	STD	OPT	HANDLING	STD	OPT
Yanmar 2.2L LPG Tier III		•	Hook Type Standard Carriage - 980mm	•	
Yanmar 2.2L Dual Fuel Tier III		•	Hook Type Integral Sideshift Carriage - 980mm		•
Yanmar 2.2L LPG Stage V		•	Hook Type Integral Sideshifting Fork Positioner - 980mm		•
Powershift Transmission	•		Hook Type Standard Taper Forks 1000mm	•	
Techtronix Transmission		•	Hook Type Standard Taper Forks 1100mm		•
Drum Brakes	•		Hook Type Standard Taper Forks 1200mm		•
Standard (-20° C to 40° C) Environmental construction	•		Without Load backrest	•	
High Air Intake	•		1220mm High Load Backrest		•
Heavy duty air intake and pre-cleaner options		•	915mm High Load Backrest		•
Internal Air Intake		•	915mm High Load Backrest Drop Centre		•
Swing out LPG bracket with Fabric strap	•		1524mm High Load Backrest		•
Swing Out and Drop Down LPG bracket with Fabric Strap		•	Tilt Cylinder Boots		•
LPG tank bracket interlock		•	Hydraulic Accumulator		•
Integrated Fuel Level Sensor	•		Manual Lever Hydraulic Control	•	
Low Exhaust	•		Mini Lever Hydraulic Control		•
System monitoring package	•		Joystick hydraulic control		•
Premium monitoring package		•	High temperature hydraulic fluid		•
Powertrain Protection with engine shutdown		•	Clamping function		•
Radiator Screen		•	Return to set tilt function		•
Exhaust wraps		•	2 Function (0 Auxiliary) Hydraulic Valve	•	
Empty seat engine shutdown		•	3 Function (1 Auxiliary) Hydraulic Valve		•
Belly screen		•	4 Function (2 Auxiliary) Hydraulic Valve		•
<b>DRIVE</b>	<b>STD</b>	<b>OPT</b>	Fork Laser Positioning System		•
Single pedal inch brake	•		Load Weight Display		•
Dual brake pedal		•	Attachment extension tubes and quick disconnects		•
Tyres - Super Elastic	•		<b>VISIBILITY</b>	<b>STD</b>	<b>OPT</b>
Tyres - Super Elastic - Premium		•	Top wiper		•
Tyres - Super Elastic - Premium - Non Marking		•	Spot light activation continuous / directional		•
Tyres - Pneumatic Radial - Premium		•	Dual Side View Mirrors		•
Tyres - Pneumatic - Premium		•	Panoramic Mirror		•
Wide tread tyres		•	LED Work lights		•
Steer Column with Tilt and Telescope		•	High Performance LED Work lights		•
Steering Column Mounted Directional Control	•		Rear reflector	•	
Steering Wheel with Spinner Knob	•		LED Rear light package Brake/Tail/Backup		•
Steer Column with Infinitely Adjustable Tilt	•		LED Rear light package Brake/Tail/Backup/Turn		•
On Demand Power Steering	•		LED Rear light package Brake/Tail/Backup/Turn/Hazards		•
On demand Power Steering with Synchronous Steering		•	Switch Activated Strobe Light		•
<b>LIFT</b>	<b>STD</b>	<b>OPT</b>	Audible Reverse Alarm		•
2 Stage Limited Free Lift Mast	•		Forward and Reverse Alarm		•
2 Stage Full Free Lift Mast		•	LED Mast Mounted lights		•
3 Stage Full Free Lift Mast		•	Blue LED Pedestrian Awareness Spotlights		•
6° Forward / 6° Back Mast Tilt	•		Red LED Pedestrian Awareness Perimeter Lines		•
10° Forward / 6° Back Mast Tilt		•	Rear View Camera System Integrated in 178mm Colour Display		•
Standard Displacement Hydraulic Pump (CDP)	•				
On Demand Hydraulic Pump (VDP)		•			

## FEATURES LIST – SERIES N

ERGONOMICS	STD	OPT	OPERATION	STD	OPT
Monitor mount		•	Traction speed limiters		•
Operator fan		•	Seat belt Hi-Vis interlocking	•	
Beverage holder		•	Key Switch Start	•	
RF handheld scanner holder		•	Keyless with Operator password start		•
Mobile phone holder		•	Engine driven cooling	•	
Starter battery dongle		•	Travel speed Alarm		•
Engine block heater		•	Battery disconnect		•
Stretch film roll holder		•	Front Mud Guards		•
Rectangular Over Head Guard		•	Drive axle string cutter		•
Polycarbonate rain top		•	Standard Seat Belt		•
Figure 8 Tube Over Head Guard	•		Telemetry Prepared	•	
Grid Style Overhead Guard	•		Dynamic Stability System		•
Clear View Overhead Guard		•	Seat Side Direction Control		•
Cabin Options (Partial, PVC, Steel Doors)		•	Foot Direction Control		•
Console Tray		•	Yale Vision Wireless Monitoring		•
51mm / 2" Colour Touchscreen Display		•	Yale Vision Wireless Access		•
127mm / 5" Colour Touchscreen Display	•		Yale Vision Wireless Verification		•
178mm / 7" Colour Touchscreen Display		•	<b>APPEARANCE</b>	<b>STD</b>	<b>OPT</b>
Full Suspension Vinyl Seat		•	Yale Gold paint base truck	•	
Full Suspension Cloth Seat		•	Special paint base truck		•
Full Suspension Vinyl Seat - Value	•		<b>SUPPLEMENTAL</b>	<b>STD</b>	<b>OPT</b>
Air Ride Full Suspension Vinyl Seat		•	24 Months / 4,000 Hours Warranty	•	
Air Ride Full Suspension Cloth Seat		•	36 Months / 6,000 Hours Warranty		•
Full suspension seat - Low profile		•	Literature Pack	•	
Sun Shades (top and / or front)		•			
Air Conditioning		•			
Accessory Mounting Post and options		•			
12v Aux supply		•			
12v Supply with twin USB charging sockets		•			

All values are nominal values and they are subject to tolerances.



# About Yale®

Yale Materials Handling Corporation is one of the oldest manufacturers of lift trucks in the world. We've been in the business of lifting since 1875 and we apply that experience to help customers solve materials handling challenges. Our full line of lift trucks range in capacity from 1 to 16 tonne and are powered by internal combustion engines or electric options. Yale also offers robotic solutions, telemetry, fleet management, parts, financing and training. From traditional lift truck equipment to emerging technologies, our goal, every day, is to work with our nationwide dealer network to continually improve and provide the solutions you need, when and how you need them.

## MATERIALS HANDLING FOR:

- 3PL
- Auto Parts
- Beverage
- Cold & Frozen Foods
- Food Distribution
- Food Processing
- Furniture & Furnishings
- Health & Pharma
- Home Centres
- Retail
- E-Commerce

## Yale Lift Truck Technologies


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**Safety:** All Yale products sold into EU countries, UK, and Turkey conform to the EU requirements of Machinery Directive 2006/42/EC and contain **CE** marking. Yale trucks sold into other countries may be ordered for production in conformance with Machinery Directive requirements, and when so ordered will contain **CE** marking.

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**Notice:** Care must be exercised when handling elevated loads. Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual. Consult your Yale® Dealer if any of the information shown is critical to your application.

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