Yale®
LIFT TRUCK TECHNOLOGIES

GLP/GDP 1.6-2.0N

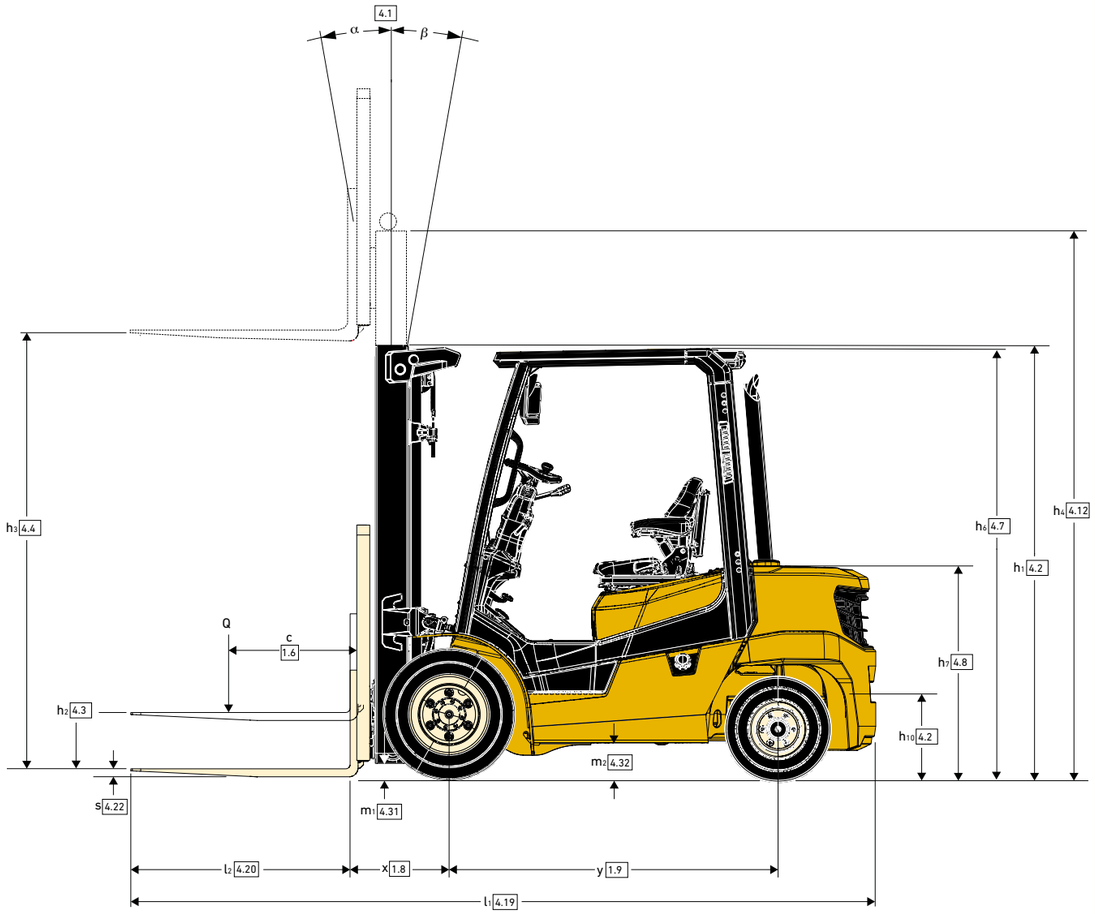
SPEC SHEET

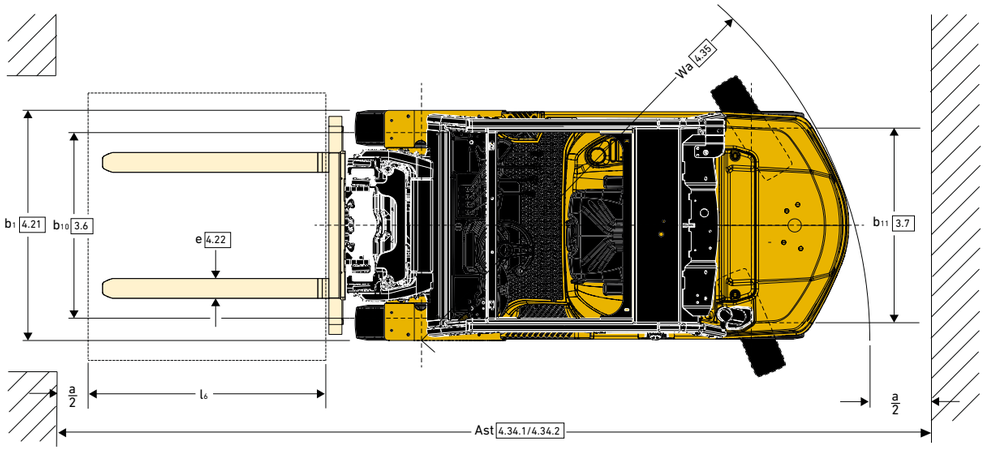
1,600 - 2,000 kg

Series N

Diesel and LPG
Forklift Trucks

TRUCK DIMENSIONS – SERIES N





VDI 2198 – GENERAL SPECIFICATIONS – SERIES N

GENERAL	1-1	Manufacturer		Yale		
	1-2	Model designation		**GLP1.6N**	**GLP1.8N**	**GLP2.0NS**
	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	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	b_{10} (mm)	904		
	3-7	Tread, rear	b_{11} (mm)	896		
DIMENSIONS	4-1	Tilt of mast / fork carriage forward / backward	α / β (°)	6 / 6		
	4-2	Height, mast lowered	h_1 (mm)	1966		
	4-3	Free lift [1]	h_2 (mm)	50		
	4-4	Lift [1]	h_3 (mm)	2960		
	4-5	Height, mast extended [2]	h_4 (mm)	3875		
	4-7	Height of overhead guard [3]	h_6 (mm)	2150		
	4-8	Seat height relating to SIP / stand height [4]	h_7 (mm)	1147		
	4-12	Coupling height	h_{10} (mm)	379		
	4-19	Overall length	l_1 (mm)	3275	3305	3349
	4-20	Length to face of forks	l_2 (mm)	2275	2305	2349
	4-21	Overall width (single / wide / dual)	b_1/b_2 (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 [5]	b_3 (mm)	980		
	4-31	Ground clearance, laden, below mast	m_1 (mm)	95		
	4-32	Ground clearance, centre of wheelbase	m_2 (mm)	126		
	4-34-1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3662	3676	3694
	4-34-2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	3862	3876	3894
	4-35	Turning radius	Wa (mm)	2053	2066	2085
	4-36	Internal turning radius	b_{13} (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	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	0.59 / 0.61	
	5-3	Lowering speed, laden / unladen	m/s	0.58 / 0.47		
	5-5	Drawbar pull, laden [6]	N	12874	12818	12751
	5-7	Gradeability, laden / unladen [7]	%	21 / 28	19 / 28	17 / 28
	5-9	Acceleration time, laden / unladen (to 15m)	s	2.6 / 2.3	2.7 / 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	34.8		
	7-3	Rated speed	min–1	2400		
	7-3-1	Torque at 1 / min	(N-m/min)	168 / 1200		
	7-4	Number of cylinders / displacement	(-)/cm3	4 / 2190		
	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)	89 / 82		
OTHER	8-1	Type of drive unit		Automatic		
	10-1	Operating pressure for attachments	bar	180		
	10-2	Oil volume for attachments [8]	l/min	40		
	10-3	Hydraulic oil tank, capacity	litres	37.1		
	10-4	Fuel tank, capacity	litres	-		
	10-7	Sound pressure level at the driver's seat [9]	dB(A)	77		
	10-7-1	Guaranteed sound power 2001 / 14 / EC	dB(A)	101		
	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	Manufacturer		Yale		
	1-2	Model designation		**GDP1.6N**	**GDP1.8N**	**GDP2.0NS**
	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	b_{10} (mm)	904		
	3-7	Tread, rear	b_{11} (mm)	896		
DIMENSIONS	4-1	Tilt of mast / fork carriage forward / backward	α / β (°)	6 / 6		
	4-2	Height, mast lowered	h_1 (mm)	1966		
	4-3	Free lift [1]	h_2 (mm)	50		
	4-4	Lift [1]	h_3 (mm)	2960		
	4-5	Height, mast extended [2]	h_4 (mm)	3875		
	4-7	Height of overhead guard [3]	h_6 (mm)	2150		
	4-8	Seat height relating to SIP / stand height [4]	h_7 (mm)	1147		
	4-12	Coupling height	h_{10} (mm)	379		
	4-19	Overall length	l_1 (mm)	3275	3305	3349
	4-20	Length to face of forks	l_2 (mm)	2275	2305	2349
	4-21	Overall width (single / wide / dual)	b_1/b_2 (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 [5]	b_3 (mm)	980		
	4-31	Ground clearance, laden, below mast	m_1 (mm)	95		
	4-32	Ground clearance, centre of wheelbase	m_2 (mm)	126		
	4-34-1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3662	3676	3694
	4-34-2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	3862	3876	3894
	4-35	Turning radius	Wa (mm)	2053	2066	2085
	4-36	Internal turning radius	b_{13} (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	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	0.59 / 0.61	
	5-3	Lowering speed, laden / unladen	m/s	0.58 / 0.47		
	5-5	Drawbar pull, laden [6]	N	12015	11959	11892
	5-7	Gradeability, laden / unladen [7]	%	19 / 28	18 / 28	16 / 28
	5-9	Acceleration time, laden / unladen (to 15m)	s	2.6 / 2.3	2.7 / 2.3	2.8 / 2.4
	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	2,050		
	7-3-1	Torque at 1 / min	(N-m/min)	146 / 1400		
	7-4	Number of cylinders / displacement	(-)/cm3	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)	(1/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 [8]	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 [9]	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) 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

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	550	340
6550	6	2816	7128	7770	2198	690	420	390	210
7000	6	3016	7578	8220	2398	490	280	240	110

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FEATURES LIST – SERIES N

PERFORMANCE	STD	OPT
Yanmar 2.2L LPG Tier III		●
Yanmar 2.2L Dual Fuel Tier III		●
Yanmar 2.2L LPG Stage V		●
Powershift Transmission	●	
Techtronix Transmission		●
Drum Brakes	●	
Standard (-20° C to 40° C) Environmental construction	●	
High Air Intake	●	
Heavy duty air intake and pre-cleaner options		●
Internal Air Intake		●
Swing out LPG bracket with Fabric strap	●	
Swing Out and Drop Down LPG bracket with Fabric Strap		●
LPG tank bracket interlock		●
Integrated Fuel Level Sensor	●	
Low Exhaust	●	
System monitoring package	●	
Premium monitoring package		●
Powertrain Protection with engine shutdown		●
Radiator Screen		●
Exhaust wraps		●
Empty seat engine shutdown		●
Belly screen		●

DRIVE	STD	OPT
Single pedal inch brake	●	
Dual brake pedal		●
Tyres - Super Elastic	●	
Tyres - Super Elastic - Premium		●
Tyres - Super Elastic - Premium - Non Marking		●
Tyres - Pneumatic Radial - Premium		●
Tyres - Pneumatic - Premium		●
Wide tread tyres		●
Steer Column with Tilt and Telescope		●
Steering Column Mounted Directional Control	●	
Steering Wheel with Spinner Knob	●	
Steer Column with Infinitely Adjustable Tilt	●	
On Demand Power Steering	●	
On demand Power Steering with Synchronous Steering		●

LIFT	STD	OPT
2 Stage Limited Free Lift Mast	●	
2 Stage Full Free Lift Mast		●
3 Stage Full Free Lift Mast		●
6^0 Forward / 6^0 Back Mast Tilt	●	
10^0 Forward / 6^0 Back Mast Tilt		●
Standard Displacement Hydraulic Pump (CDP)	●	
On Demand Hydraulic Pump (VDP)		●

HANDLING	STD	OPT
Hook Type Standard Carriage - 980mm	●	
Hook Type Integral Sideshift Carriage - 980mm		●
Hook Type Integral Sideshifting Fork Positioner - 980mm		●
Hook Type Standard Taper Forks 1000mm	●	
Hook Type Standard Taper Forks 1100mm		●
Hook Type Standard Taper Forks 1200mm		●
Without Load backrest	●	
1220mm High Load Backrest		●
915mm High Load Backrest		●
915mm High Load Backrest Drop Centre		●
1524mm High Load Backrest		●
Tilt Cylinder Boots		●
Hydraulic Accumulator		●
Manual Lever Hydraulic Control	●	
Mini Lever Hydraulic Control		●
Joystick hydraulic control		●
High temperature hydraulic fluid		●
Clamping function		●
Return to set tilt function		●
2 Function (0 Auxiliary) Hydraulic Valve	●	
3 Function (1 Auxiliary) Hydraulic Valve		●
4 Function (2 Auxiliary) Hydraulic Valve		●
Fork Laser Positioning System		●
Load Weight Display		●
Attachment extension tubes and quick disconnects		●

VISIBILITY	STD	OPT
Top wiper		●
Spot light activation continuous / directional		●
Dual Side View Mirrors		●
Panoramic Mirror		●
LED Work lights		●
High Performance LED Work lights		●
Rear reflector	●	
LED Rear light package Brake/Tail/Backup		●
LED Rear light package Brake/Tail/Backup/Turn		●
LED Rear light package Brake/Tail/Backup/Turn/Hazards		●
Switch Activated Strobe Light		●
Audible Reverse Alarm		●
Forward and Reverse Alarm		●
LED Mast Mounted lights		●
Blue LED Pedestrian Awareness Spotlights		●
Red LED Pedestrian Awareness Perimeter Lines		●
Rear View Camera System Integrated in 178mm Colour Display		●

FEATURES LIST – SERIES N

ERGONOMICS	STD	OPT
Monitor mount		●
Operator fan		●
Beverage holder		●
RF handheld scanner holder		●
Mobile phone holder		●
Starter battery dongle		●
Engine block heater		●
Stretch film roll holder		●
Rectangular Over Head Guard		●
Polycarbonate rain top		●
Figure 8 Tube Over Head Guard	●	
Grid Style Overhead Guard	●	
Clear View Overhead Guard		●
Cabin Options (Partial, PVC, Steel Doors)		●
Console Tray		●
51mm / 2" Colour Touchscreen Display		●
127mm / 5" Colour Touchscreen Display	●	
178mm / 7" Colour Touchscreen Display		●
Full Suspension Vinyl Seat		●
Full Suspension Cloth Seat		●
Full Suspension Vinyl Seat - Value	●	
Air Ride Full Suspension Vinyl Seat		●
Air Ride Full Suspension Cloth Seat		●
Full suspension seat - Low profile		●
Sun Shades (top and / or front)		●
Air Conditioning		●
Accessory Mounting Post and options		●
12v Aux supply		●
12v Supply with twin USB charging sockets		●

OPERATION	STD	OPT
Traction speed limiters		●
Seat belt Hi-Vis interlocking	●	
Key Switch Start	●	
Keyless with Operator password start		●
Engine driven cooling	●	
Travel speed Alarm		●
Battery disconnect		●
Front Mud Guards		●
Drive axle string cutter		●
Standard Seat Belt		●
Telemetry Prepared	●	
Dynamic Stability System		●
Seat Side Direction Control		●
Foot Direction Control		●
Yale Vision Wireless Monitoring		●
Yale Vision Wireless Access		●
Yale Vision Wireless Verification		●

APPEARANCE	STD	OPT
Yale Gold paint base truck	●	
Special paint base truck		●

SUPPLEMENTAL	STD	OPT
24 Months / 4,000 Hours Warranty	●	
36 Months / 6,000 Hours Warranty		●
Literature Pack	●	

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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

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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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