

# MX series

Diesel, LPG, Petrol and Dual Fuel  
(Petrol /LP Gas) Forklift Trucks

**1,500kg / 1,800kg / 2,000kg / 2,500kg / 3,000kg / 3,500kg**

- Electronic Powershift transmission delivers fast load handling
- Manual levers with Optional Mini Levers
- Proven components ensure excellent reliability and high productivity



# About Yale

Yale's MX series forklifts have been engineered to provide reliable, long lasting performance and durability. Equally important is they are backed by a regional dealer network which shares the manufacturer's commitment to Yale® maintenance and parts support that is highly dependable - and highly competitive over the whole life of the truck.

As you would expect from Yale, the MX series forklift has the following benefits:

- Manufactured through ISO9001 certified processes
- Variety of engine options Diesel, Petrol LPG and Dual Fuel (Petrol/LPG)
- Lower cost of ownership
- Superior ergonomics
- Operator comfort
- Backed by an extensive dealer network
- Aftermarket service and support

Yale® dealerships provide flexible truck servicing solutions and are linked to one of the industry's most sophisticated parts distribution operations. You'll find support for Yale® forklifts throughout the EMEA region - provided by a big regional footprint stretching through Europe, Middle East and Africa.



## OPERATOR COMPARTMENT

Ergonomically designed, fatigue reducing operator compartment enhances overall productivity. Features include: easy access step, generous foot space, well positioned foot pedals, fully adjustable seat and steering wheel, insulated engine cover.



## SIGNAL LIGHTS

Shields are installed on all signal lights, strobe lights and rotating beacons so that operators eyes are protected from distractions.

## LONG SERVICE INTERVALS

Service intervals for planned maintenance are 500 hours for Diesel Engines and 300 hours for Petrol/LPG.

## YALE HIGH-VIS™ MAST

Excellent operator visibility through the Yale High Vis™ Mast means that the operator can travel in a forward direction with greater confidence.

## YALE STABILITY ENHANCEMENT

Yale's Continuous Stability Enhancement (CSE) allows the MX to travel on uneven surfaces with greater confidence and higher productivity.

## ISOLATED POWERTRAIN

The isolated powertrain and quiet engines reduce noise and vibration, minimising operator fatigue and improving comfort.



# MX series features

MADE IN JAPAN



## YALE ELECTRO HYDRAULIC CONTROLS

The optional Seat Side Mini Levers offer excellent ergonomics with shorter reach and throw. They require considerably less effort to operate compared to conventional cowl mounted levers.

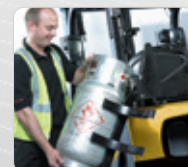


## ERGONOMIC SEAT

Operator comfort is enhanced through an advanced ergonomic seat with backrest tilt adjustment or optional full suspension seat and adjustable steering column.

## SWING DOWN GASTANK

The swing down gas tank bracket is standard on the MX series with LPG engines. The LPG tank swings out and drops down for virtually effortless removal and replacement.



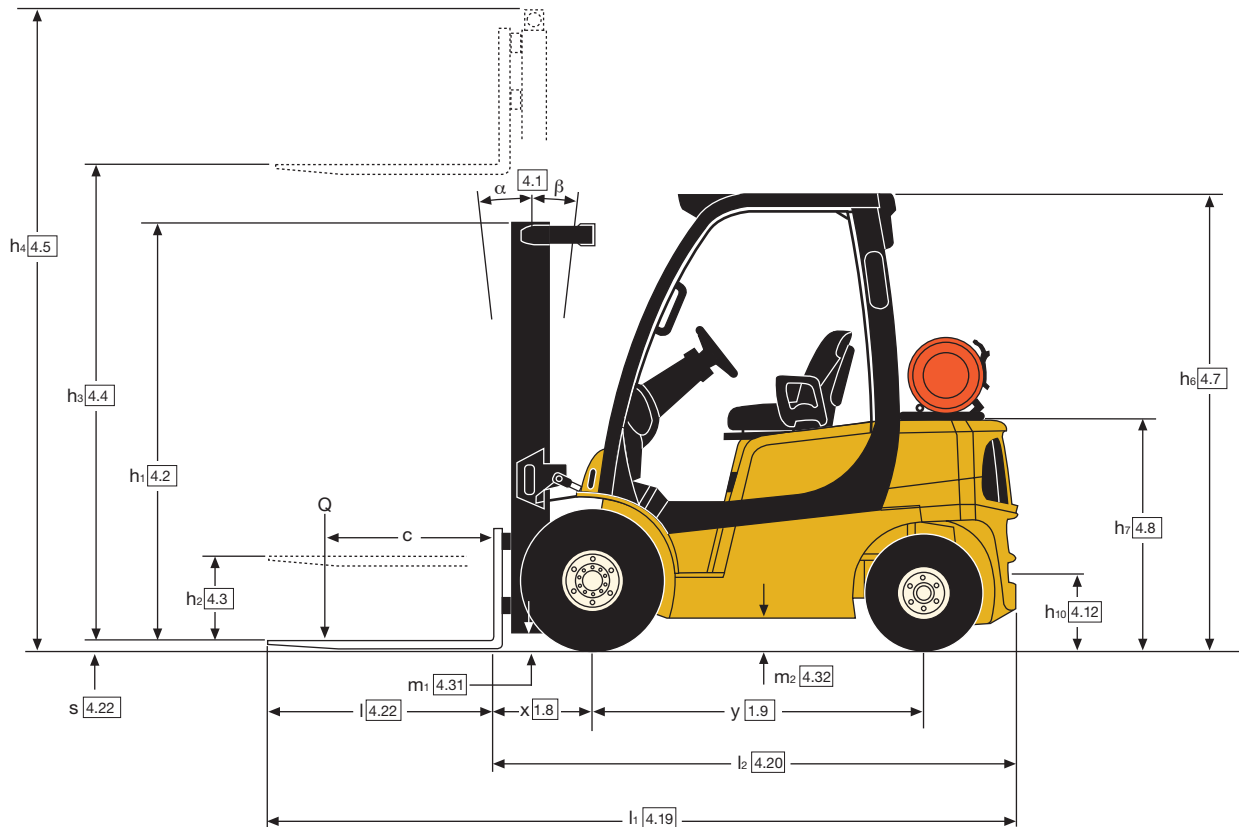
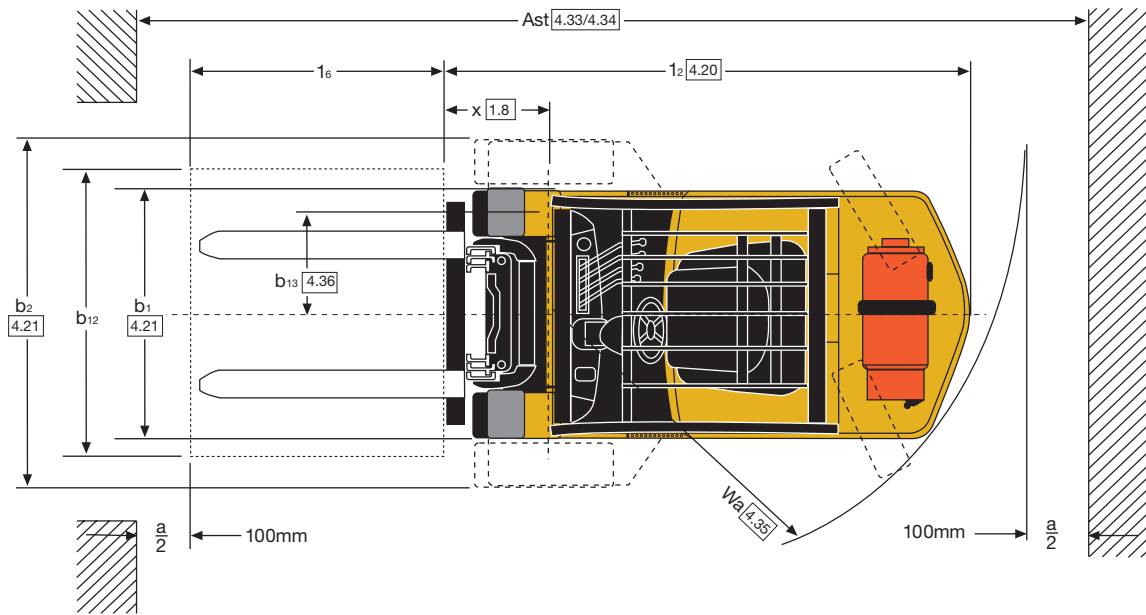
## OFFSET STEERING COLUMN

The steering column is offset to the left and the standard synchronous steering function returns the spinner knob to the same position when driving ahead to give a consistent and comfortable driving position.

## EASY OPERATOR ACCESS

Generous foot space, shoulder clearance and an easy on-off step access for operators ensure operator accessibility and safety upon entry and exit.

## Truck Dimensions



## GDP/GLP 15 MX, 18 MX Mast details and capacity ratings (kg) - pneumatic tyres

Model							GDP/GLP 15 MX						GDP/GLP 18 MX					
Tyre size, front							6.0-9-10PR						21x8-9-14PR					
Overall width, front							1070mm						1135mm					
Mast	h1 (mm)	h2+s (mm) <sup>(1)</sup>	h3+s (mm)	h4 (mm) <sup>(1)</sup>	h4 (mm) <sup>(2)</sup>	Tilt  Back	Forks			ISS & FP			Forks			ISS & FP		
							Load centre (kg)			Load centre (kg)			Load centre (kg)			Load centre (kg)		
							500	600	700	500	600	700	500	600	700	500	600	700
2 Stage LFL	1995	3035	145	3610	4105	10	1500	1460	1320	1500	1400	1270	1750	1690	1490	1750	1630	1480
	2145	3335	145	3910	4405	10	1500	1450	1320	1500	1400	1270	1750	1690	1490	1750	1620	1480
	2245	3535	145	4110	4305	10	1500	1450	1320	1500	1390	1270	1750	1680	1490	1750	1620	1480
	2345	3735	145	4310	4805	10	1500	1450	1320	1500	1390	1270	1750	1680	1490	1750	1620	1470
	2595	4035	145	4610	5105	6	1500	1440	1310	1500	1380	1260	1750	1670	1490	1750	1610	1470
	2745	4335	145	4910	5405	6	1500	1430	1300	1500	1380	1260	1750	1670	1490	1750	1600	1460
	2845	4535	145	5110	5605	6	1450	1410	1270	1450	1340	1220	1700	1630	1470	1700	1560	1430
	2995	4835	145	5410	5905	6	1410	1340	1220	1410	1290	1180	1660	1560	1430	1660	1500	1380
3095	5035	145	5610	6105	6	1360	1290	1180	1360	1250	1130	1610	1520	1380	1610	1470	1340	
2 Stage FFL	1995	3025	925	3630	4095	10	1500	1450	1320	1500	1390	1270	1750	1680	1490	1750	1620	1480
	2145	3325	1075	3930	4395	10	1500	1450	1320	1500	1390	1270	1750	1680	1490	1750	1610	1470
	2245	3525	1175	4130	4595	10	1500	1440	1310	1500	1390	1260	1750	1680	1490	1750	1610	1470
	2345	3725	1275	4330	4795	10	1500	1440	1310	1500	1380	1260	1750	1670	1490	1750	1610	1470
	2595	4125	1525	4730	5195	6	1500	1430	1300	1500	1370	1250	1750	1660	1490	1750	1600	1460
3 Stage FFL	1895	4025	825	4630	5095	6	1500	1440	1310	1500	1380	1260	1750	1680	1490	1750	1610	1470
	1995	4375	925	4980	5445	6	1500	1440	1310	1500	1380	1260	1680	1610	1470	1680	1540	1410
	2045	4527	975	5130	5595	6	1470	1410	1270	1470	1360	1220	1660	1590	1430	1660	1520	1380
	2145	4825	1075	5430	5895	6	1410	1340	1220	1410	1290	1180	1590	1520	1380	1590	1450	1340
	2245	5125	1175	5730	6195	6	1360	1290	1180	1360	1220	1130	1520	1450	1320	1520	1410	1270
	2345	5425	1275	6030	6495	6	1290	1220	1110	1290	1160	1070	1470	1380	1250	1470	1320	1200
	2595	6025	1525	6630	7095	6	1090	1070	980	1110	1020	930	1270	1220	1130	1270	1180	1090

<sup>(1)</sup> without load backrest. <sup>(2)</sup> with load backrest.

## GDP/GLP 20 SMX Mast details and capacity ratings (kg) - pneumatic tyres

Model							GDP/GLP 20 MX					
Tyre size, front							21x8-9-14PR					
Overall width, front							1135mm					
Mast	h1 (mm)	h2+s (mm) <sup>(1)</sup>	h3+s (mm)	h4 (mm) <sup>(1)</sup>	h4 (mm) <sup>(2)</sup>	Tilt  Back	Forks			ISS & FP		
							Load centre (kg)			Load centre (kg)		
							500	600	700	500	600	700
2 Stage LFL	1995	3040	150	3610	4105	10	2000	1930	1750	2000	1850	1690
	2145	3340	150	3910	4405	10	2000	1920	1750	2000	1850	1690
	2245	3540	150	4110	4305	10	2000	1920	1750	2000	1850	1680
	2345	3740	150	4310	4805	10	2000	1920	1740	2000	1840	1680
	2595	4040	150	4610	5105	6	2000	1910	1740	2000	1840	1670
	2745	4340	150	4910	5405	6	2000	1900	1730	2000	1830	1670
	2845	4540	150	5110	5605	6	1950	1860	1700	1950	1790	1630
	2995	4840	150	5410	5905	6	1880	1790	1630	1880	1720	1560
3095	5040	150	5610	6105	6	1840	1750	1590	1840	1680	1540	
2 Stage FFL	1995	3030	930	3630	4095	10	2000	1920	1750	2000	1850	1680
	2145	3330	1080	3930	4395	10	2000	1910	1740	2000	1840	1680
	2245	3530	1180	4130	4595	10	2000	1910	1740	2000	1840	1680
	2345	3730	1280	4330	4795	10	2000	1910	1740	2000	1840	1670
	2595	4130	1530	4730	5195	6	2000	1900	1730	2000	1830	1670
3 Stage FFL	1895	4030	830	4630	5095	6	2000	1910	1740	2000	1840	1670
	1995	4380	930	4980	5445	6	1930	1840	1680	1930	1770	1610
	2045	4532	980	5130	5595	6	1900	1810	1660	1900	1750	1590
	2145	4832	1080	5430	5895	6	1840	1750	1590	1840	1680	1520
	2245	5130	1180	5730	6195	6	1720	1680	1520	1720	1610	1470
	2345	5430	1280	6030	6495	6	1540	1560	1450	1540	1540	1410
2595	6030	1530	6630	7095	6	1200	1220	1200	1200	1220	1200	

<sup>(1)</sup> without load backrest. <sup>(2)</sup> with load backrest.

## GDP/GLP 20 MX, 25 MX mast details and capacity ratings (kg) - pneumatic tyres

Model							GDP/GLP 20 MX						GDP/GLP 25 MX					
Tyre size, front							7.00-12-12PR						7.00-12-12PR					
Overall width, front							1160mm						1160mm					
Mast	h1 (mm)	h2+s (mm) <sup>(1)</sup>	h3+s (mm)	h4 (mm) <sup>(1)</sup>	h4 (mm) <sup>(2)</sup>	Tilt	Forks			ISS & FP			Forks			ISS & FP		
							Load centre (kg)			Load centre (kg)			Load centre (kg)			Load centre (kg)		
							500	600	700	500	600	700	500	600	700	500	600	700
2 Stage LFL	1995	3050	155	3650	4120	10	2000	1930	1770	2000	1880	1720	2500	2400	2200	2500	2330	2140
	2170	3350	155	3950	4420	10	2000	1930	1760	2000	1870	1710	2500	2390	2190	2500	2330	2130
	2270	3550	155	4150	4620	10	2000	1920	1760	2000	1870	1710	2500	2390	2190	2500	2320	2130
	2420	3750	155	4350	4820	10	2000	1920	1750	2000	1860	1710	2500	2380	2180	2500	2320	2120
	2620	4050	155	4650	5120	10	2000	1900	1740	2000	1850	1690	2500	2370	2170	2500	2310	2110
	2770	4350	155	4950	5420	6	2000	1900	1740	2000	1840	1690	2500	2370	2160	2500	2300	2110
	2870	4550	155	5150	5620	6	1970	1860	1700	1970	1810	1660	2450	2310	2130	2450	2270	2060
	3020	4850	155	5450	5920	6	1900	1790	1660	1900	1750	1610	2400	2270	2060	2400	2200	2020
3120	5050	155	5650	6120	6	1860	1750	1610	1860	1700	1560	2360	2200	2020	2360	2150	1970	
2 Stage LFL	1995	3000	885	3600	4070	10	2000	1930	1770	2000	1880	1720	2500	2400	2200	2500	2330	2140
	2270	3390	1160	3990	4460	10	2000	1920	1760	2000	1860	1710	2500	2390	2190	2500	2320	2130
	2370	3590	1260	4190	4660	10	2000	1910	1760	2000	1860	1700	2500	2380	2180	2500	2320	2120
	2520	3840	1410	4440	4910	10	2000	1910	1750	2000	1850	1700	2500	2380	2180	2500	2310	2120
	2720	4190	1610	4790	5260	6	2000	1900	1740	2000	1840	1690	2500	2370	2170	2500	2300	2110
3 Stage LFL	1970	4135	860	4800	5210	6	2000	1900	1740	2000	1850	1700	2500	2370	2170	2500	2300	2120
	2040	4345	930	5010	5420	6	2000	1900	1740	2000	1840	1690	2500	2360	2170	2500	2300	2110
	2120	4585	1010	5250	5660	6	1950	1860	1700	1950	1790	1660	2450	2310	2110	2450	2240	2060
	2205	4840	1095	5500	5910	6	1900	1790	1660	1900	1750	1610	2400	2270	2060	2400	2200	2020
	2270	5035	1160	5700	6110	6	1860	1750	1610	1860	1700	1560	2360	2200	2020	2360	2150	1970
	2370	5335	1260	6000	6410	6	1790	1700	1540	1790	1630	1500	2270	2130	1950	2270	2090	1900
	2470	5535	1360	6200	6610	6	1750	1630	1500	1750	1590	1470	2180	2090	1900	2200	2020	1860
	2520	5685	1410	6360	6760	6	1720	1610	1470	1720	1560	1430	2060	2040	1880	2090	2000	1840
2720	6035	1610	6700	7110	6	1630	1520	1380	1610	1470	1360	1810	1810	1790	1810	1840	1750	

<sup>(1)</sup> without load backrest. <sup>(2)</sup> with load backrest.

## GDP/GLP 30 MX Mast details and capacity ratings (kg) - pneumatic tyres

Model							GDP/GLP 30 MX					
Tyre size, front							28x9-15-12PR					
Overall width, front							1230mm					
Mast	h1 (mm)	h2+s (mm) <sup>(1)</sup>	h3+s (mm)	h4 (mm) <sup>(1)</sup>	h4 (mm) <sup>(2)</sup>	Tilt	Forks			ISS & FP		
							Load centre (kg)			Load centre (kg)		
							500	600	700	500	600	700
2 Stage LFL	2060	3055	160	3750	4125	10	3000	2920	2680	3000	2800	2580
	2210	3355	160	4050	4425	10	3000	2920	2680	3000	2800	2570
	2310	3555	160	4250	4625	10	3000	2910	2670	3000	2790	2570
	2440	3755	160	4450	4825	10	3000	2910	2670	3000	2790	2560
	2640	4055	160	4750	5125	10	3000	2900	2660	3000	2780	2550
	2790	4355	160	5050	5425	6	3000	2890	2650	3000	2770	2550
	2890	4555	160	5250	5625	6	2950	2860	2610	2950	2720	2520
	3040	4855	160	5550	5925	6	2880	2770	2540	2880	2650	2450
6140	5055	160	5750	6125	6	2830	2720	2490	2830	2610	2400	
2 Stage FFL	2140	3080	1025	3770	4150	10	3000	2920	2670	3000	2800	2570
	2290	3380	1175	4070	4450	10	3000	2910	2670	3000	2790	2570
	2390	3580	1275	4270	4650	10	3000	2900	2660	3000	2790	2560
	2540	3830	1425	4520	4900	10	3000	2900	2660	3000	2780	2560
	2740	4180	1625	4870	5250	6	3000	2890	2650	3000	2770	2550
3 Stage FFL	1990	4125	875	4865	5195	6	3000	2890	2650	3000	2780	2550
	2060	4335	945	5075	5405	6	3000	2890	2650	3000	2770	2550
	2140	4575	1025	5315	5645	6	2950	2830	2610	2950	2720	2490
	2225	4705	1155	5565	5775	6	2930	2810	2560	2930	2700	2470
	2390	5025	1275	5765	6095	6	2860	2720	2490	2860	2610	2400
	2540	5325	1425	6065	6395	6	2770	2630	2430	2770	2540	2340
	2640	5525	1525	6265	6595	6	2720	2590	2380	2720	2490	2290
	2740	5725	1625	6465	6795	6	2680	2520	2310	2650	2430	2220
2890	6025	1775	6765	7095	6	2590	2450	2240	2560	2340	2150	

<sup>(1)</sup> without load backrest. <sup>(2)</sup> with load backrest.

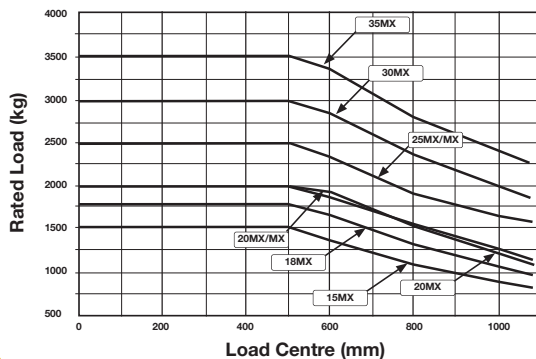


## GDP/GLP 35 MX Mast details and capacity ratings (kg) - pneumatic tyres

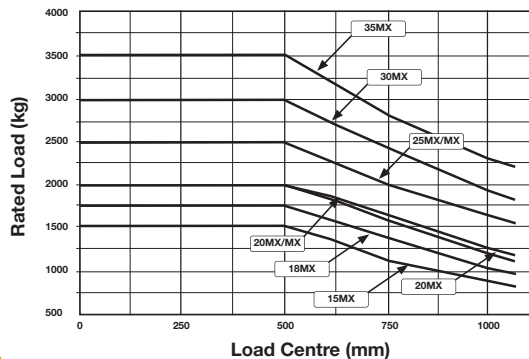
Model							GDP/GLP 35 MX					
Tyre size, front							28x9-15 SOLID					
Overall width, front							1230mm					
Mast	h1 (mm)	h2+s (mm) <sup>(1)</sup>	h3+s (mm)	h4 (mm) <sup>(1)</sup>	h4 (mm) <sup>(2)</sup>	Tilt Back	Forks			ISS & FP		
							Load centre (kg)			Load centre (kg)		
							500	600	700	500	600	700
2 Stage LFL	2140	3060	165	3845	4130	10	3500	3390	3110	3500	3250	2990
	2290	3360	165	4145	4430	10	3500	3380	3100	3500	3240	2980
	2390	3560	165	4345	4630	10	3500	3380	3100	3500	3240	2980
	2490	3760	165	4545	4830	10	3500	3380	3100	3500	3240	2980
	2690	4060	165	4845	5130	10	3500	3360	3090	3500	3220	2970
	2840	4360	165	5145	5430	6	3500	3360	3080	3500	3220	2960
	2940	4560	165	5345	5630	6	3450	3310	3040	3450	3170	2930
	3090	4860	165	5645	5930	6	3380	3240	2970	3380	3110	2860
3190	5060	165	5845	6130	6	3330	3170	2930	3330	3060	2810	
2 Stage FFL	2190	3085	1120	3850	4155	10	3500	3380	3100	3500	3250	2990
	2340	3385	1270	4150	4455	10	3500	3380	3100	3500	3240	2980
	2440	3585	1370	4350	4655	10	3500	3370	3090	3500	3240	2980
	2590	3835	1520	4600	4905	10	3500	3370	3090	3500	3230	2970
	2790	4185	1720	4950	5255	6	3500	3350	3080	3500	3220	2960
3 Stage FFL	2040	4130	970	4970	5200	6	3500	3340	3070	3500	3230	2970
	2110	4340	1040	5180	5410	6	3500	3340	3060	3500	3220	2960
	2190	4580	1120	5420	5650	6	3450	3290	3020	3450	3170	2900
	2340	4830	1270	5670	5900	6	3380	3220	2950	3380	3110	2860
	2440	5030	1370	5870	6100	6	3330	3150	2900	3330	3060	2810
	2590	5330	1520	6170	6400	6	3240	3080	2810	3240	2970	2720
	2690	5530	1620	6370	6600	6	3020	2990	2770	3020	2900	2680
	2790	5730	1720	6570	6800	6	2790	2790	2720	2810	2790	2630
2940	6030	1870	6870	7100	6	2470	2490	2470	2490	2490	2470	

<sup>(1)</sup> without load backrest. <sup>(2)</sup> with load backrest.

### Capacity Graph - Standard Carriage



### Capacity Graph - ISS



## Engine Specifications

### Diesel Engine

**Engine Yanmar 4TNE92**  
 4 cylinder Overhead valve  
 Displacement 2.6 litre  
 Power 32.8 kW @ 2,050rpm (1.5-2.0 ton)  
 37.4 kW @ 2,350rpm (2.0-2.5 ton)  
 Torque 150 Nm @ 1,400rpm (1.5-2.0 ton)  
 150 Nm @ 1,600rpm (2.0-2.5 ton)  
 Air filtration Single stage, dry type  
 IDI fuel injection system

**Engine Yanmar 4TNE98**  
 4 cylinder Overhead valve  
 Displacement 3.3 litre  
 Power 50.6 kW @ 2,300rpm  
 Torque 214 Nm @ 1,700rpm  
 Air filtration Single stage, dry type  
 IDI fuel injection system

### LPG Engine

**Engine GCT K21**  
 4 cylinder Overhead valve  
 Displacement 2.1 litre  
 Power 34 kW @ 2,250rpm  
 Torque 158 Nm @ 1,600rpm  
 Air filtration Single stage, dry type  
 Emission Control Open loop

**Engine GCT K25**  
 4 cylinder Overhead valve  
 Displacement 2.5 litre  
 Power 40 kW @ 2,100rpm  
 Torque 186 Nm @ 1,600rpm  
 Air filtration Single stage, dry type  
 Emission Control Open loop

### Petrol Engine

**Engine GCT K21**  
 4 cylinder Overhead valve  
 Displacement 2.1 litre  
 Power 34 kW @ 2,250rpm  
 Torque 158 Nm @ 1,600rpm  
 Air filtration Single stage, dry type  
 Emission Control Open loop

**Engine GCT K25**  
 4 cylinder Overhead valve  
 Displacement 2.5 litre  
 Power 40 kW @ 2,100rpm  
 Torque 186 Nm @ 1,600rpm  
 Air filtration Single stage, dry type  
 Emission Control Open loop

## VDI 2198 - General Specifications 15MX, 18MX, 20SMX, 20MX, 25MX, 30MX, 35MX - Diesel and LPG

<b>Distinguishing mark</b>	1.1	Manufacturer (abbreviation)		Yale	Yale	Yale	Yale
	1.2	Manufacturer's type designation		<b>GDP 15 MX</b>	<b>GDP 18 MX</b>	<b>GDP 20 SMX</b>	<b>GDP 20 MX</b>
		Engine		Yanmar 2.6L	Yanmar 2.6L	Yanmar 2.6L	Yanmar 2.6L
		Transmission		Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed
	1.3	Drive: electric (battery or mains), diesel, petrol, LPG		Diesel	Diesel	Diesel	Diesel
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (kg)	1.5	1.80	2.0	2.0
	1.6	Load centre distance	c (mm)	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	405	405	410	480
1.9	Wheelbase	y (mm)	1410	1410	1410	1625	
<b>Weights</b>	2.1	Service weight (standard/duel tread)	kg	2695 / 2710	2945 / 2950	3135 / 3140	3525 / 3665
	2.2	Axle loading, laden front/rear	kg	3670 / 525	4085 / 610	4450 / 685	4875 / 650
	2.3	Axle loading, unladen front/rear	kg	1205 / 1490	1210 / 1735	1155 / 1980	1670 / 1855
<b>Tyres/chassis</b>	3.1	Tyres: P = pneumatic, V = cushion, SE = superelastic		SE	SE	SE	SE
	3.2	Tyre size, front (standard tread)		6.0-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR
	3.2.1	Tyre size, front (duel tread)		21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR
	3.3	Tyre size, rear		5.0-8-8PR	18x7-8-10PR	18x7-8-10PR	6.0-9-10PR
	3.5	Wheels, number front/rear (x = driven wheels)		2x / 2	2x / 2	2x / 2	2x / 2
	3.6	Tread, front (standard/duel tread)	b10 (mm)	915 / 1000	950 / 1000	950 / 1000	970 / 1405
	3.7	Tread, rear	b11 (mm)	905	930	930	1000
<b>Dimensions</b>	4.1	Tilt of mast/fork carriage forward/backward	$\alpha / \beta$ (°)	6 / 10	6 / 10	6 / 10	6 / 10
	4.2	Height, mast lowered	h1 (mm)	1995	1995	1995	1995
	4.3	Free lift <sup>[1]</sup>	h2 (mm)	145	145	150	155
	4.4	Lift <sup>[1]</sup>	h3 (mm)	3035	3035	3040	3050
	4.5	Height, mast extended <sup>[2]</sup>	h4 (mm)	4105	4105	4105	4120
	4.7	Height of overhead guard (cabin)	h6 (mm)	2060	2060	2060	2130
	4.8	Seat height relating to SIP/stand height <sup>[3]</sup>	h7 (mm)	920	920	920	990
	4.12	Coupling height	h10 (mm)	295	295	295	350
	4.19	Overall length	l1 (mm)	3195	3230	3270	3460
	4.20	Length to face of forks	l2 (mm)	2275	2310	2350	2540
	4.21	Overall width <sup>[4]</sup>	b1/b2 (mm)	1070 / 1190	1135 / 1190	1135 / 1190	1160 / 1590
	4.22	Fork dimensions ISO 2331	s/e/l (mm)	35 / 100 / 1070	35 / 100 / 1070	40 / 122 / 1070	40 / 122 / 1070
	4.23	Fork carriage ISO 2328, class/type A, B	ll	ll	ll	ll	ll
	4.24	Fork carriage width <sup>[4]</sup>	b3 (mm)	920	920	920	1020
	4.31	Ground clearance, laden, below mast	m1 (mm)	110	110	110	120
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	120	120	120	190
	4.34.1	Aisle width for pallets 1000 x 1200 crossways <sup>[5]</sup>	Ast (mm)	3480	3515	3550	3730
	4.34.2	Aisle width for pallets 800 x 1200 crossways <sup>[5]</sup>	Ast (mm)	3280	3315	3350	3530
	4.35	Turning radius	Wa (mm)	1975	2010	2040	2150
4.41	90° intersecting aisle (with pallet L = 1000mm x W = 1200mm)	(mm)	1900	1940	1960	2040	
4.42	Step height (from ground to running board)	(mm)	390	390	390	410	
4.43	Step height (between intermediate steps and floor)	(mm)	240	240	240	290	
<b>Performance data</b>	5.1	Travel speed, laden/unladen	km/h	17.5 / 18.0	18.0 / 19.0	18.0 / 19.0	18.0 / 18.5
	5.1.1	Travel speed, laden/unladen, backwards	km/h	17.5 / 18.0	18.0 / 19.0	18.0 / 19.0	18.0 / 18.5
	5.2	Lift speed, laden/unladen	m/s	630 / 670	620 / 670	610 / 670	595 / 620
	5.3	Lowering speed, laden/unladen	m/s	515 / 540	515 / 540	515 / 540	515 / 540
	5.5	Drawbar pull, laden/unladen <sup>[6]</sup>	N	18430 /	17390 /	17460 /	19730 /
	5.7	Gradeability, laden/unladen <sup>[7]</sup>	%	38 / 25	33 / 23	30 / 21	31 / 28
	5.10	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic
<b>Combustion-engine</b>	7.1	Engine manufacturer/type		Yanmar / 4TNE92	Yanmar / 4TNE92	Yanmar / 4TNE92	Yanmar / 4TNE92
	7.2	Engine power according to ISO 1585	kW	32.8	32.8	32.8	37.4
	7.3	Rated speed	min-1	2050	2050	2050	2350
	7.3.1	Torque at 1/min	Nm/min-1	150 / 1400	150/1400	150 / 1400	150 / 1600
	7.4	Number of cylinders/displacement	(-) / cm3	4 / 2659	4/2659	4 / 2659	4 / 2659
	7.5	Fuel consumption according to MIL 268C cycle	l/h or kg/h	TBA	TBA	TBA	2.7
	7.10	Battery voltage/nominal capacity <sup>[8]</sup>	(V) / (Ah)	12 / 64	12 / 64	12 / 64	12 / 64
<b>Additional data</b>	8.1	Type of drive unit		Automatic	Automatic	Automatic	Automatic
	8.1.1	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic
	8.1.2	Parking brake		Hand	Hand	Hand	Hand
<b>Additional data</b>	10.1	Operating pressure for attachments	bar	181	181	181	181
	10.2	Oil volume for attachments <sup>[9]</sup>	l/min	62	62	62	71
	10.3	Hydraulic oil tank, capacity	litres	23.5	23.5	23.5	38.0
	10.4	Fuel tank, capacity	litres	52.0	52.0	52.0	69.0
	10.7	Sound pressure level at the driver's seat <sup>[10, 11, 12]</sup>	dB(A)	80	80	80	80
	10.7.1	Sound power level during the workcycle <sup>[11, 13]</sup>	dB (A)	78	78	78	78
	10.8	Towing coupling, type DIN		Hook	Hook	Hook	Hook

<sup>[0]</sup> Standard / wide / dual.      <sup>[5]</sup> Stacking aisle width (lines 4.34, 4.34.1 & 4.34.2) are based on the V.D.I. standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck".

<sup>[1]</sup> Top of forks.      <sup>[6]</sup> at 1.6 km/h.

<sup>[2]</sup> add 32mm with load backrest.      <sup>[7]</sup> at 4.8km/h. Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.

<sup>[3]</sup> Full suspension seat in depressed position.      <sup>[8]</sup> Battery ampere hour (Ah) nominal capacity ratings are estimated.

<sup>[4]</sup> Without load backrest, add 32mm with load backrest.      <sup>[9]</sup> Variable.

<sup>[10]</sup> With and without cab.      <sup>[11]</sup> Noise levels are reduced by 3dB(A) with ECO-eLo mode engaged.



Yale	Yale	Yale	Yale	Yale	Yale	Yale	Yale	Yale	1.1
<b>GDP 25 MX</b>	<b>GDP 30 MX</b>	<b>GDP 35 MX</b>	<b>GLP 15 MX</b>	<b>GLP 18 MX</b>	<b>GLP 20 SMX</b>	<b>GLP 20 MX</b>	<b>GLP 25 MX K21</b>	<b>GLP 30 MX</b>	1.2
Yanmar 2.6L	Yanmar 3.3L	Yanmar 3.3L	K21 2.1L	K21 2.1L	K21 2.1L	K21 2.1L	2.1L	K25 2.5L	
Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	
Diesel	Diesel	Diesel	LPG	LPG	LPG	LPG	LPG	LPG	1.3
Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	1.4
2.5	3.0	3.5	1.5	1.75	2.0	2.0	2.5	3.0	1.5
500	500	500	500	500	500	500	500	500	1.6
480	505	520	405	405	410	480	480	505	1.8
1625	1700	1700	1410	1410	1410	1625	1625	1700	1.9
3810 / 3950	4350 / 4435	4940 / 5055	2640 / 2655	2895 / 2900	3080 / 3085	3475 / 3615	3830 / 3970	4385 / 4470	2.1
5555 / 755	6470 / 880	7480 / 960	3650 / 490	4065 / 580	4430 / 650	4850 / 625	5595 / 735	6525 / 860	2.2
1615 / 2195	1780 / 2570	1880 / 3060	1185 / 1455	1190 / 1705	1135 / 1945	1645 / 1830	1590 / 2240	1755 / 2630	2.3
SE	SE	SE	SE	SE	SE	SE	SE	SE	3.1
7.00-12-12PR	28x9-15-12PR	28x9-15 SOLID	6.0-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	3.2
7.00-12-12PR	7.00-12-12PR	6.00-15 SOLID	21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	3.2.1
6.0-9-10PR	6.50-10-10PR	6.50-10 SOLID	5.0-8-8PR	18x7-8-10PR	18x7-8-10PR	6.0-9-10PR	6.0-9-10PR	6.50-10-10PR	3.3
2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	3.5
970 / 1405	1010 / 1405	1010 / 1295	915/1000	950 / 1000	950 / 1000	970 / 1405	970 / 1405	1010 / 1405	3.6
1000	1000	1000	905	930	930	1000	1000	1000	3.7
6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	4.1
1995	2060	2140	1995	1995	1995	1995	1995	2060	4.2
155	160	165	145	145	150	155	155	160	4.3
3050	3055	3060	3035	3035	3040	3050	3050	3055	4.4
4120	4125	4125	4105	4105	4105	4120	4120	4125	4.5
2130	2150	2150	2060	2060	2060	2130	2130	2150	4.7
990	1010	1010	920	920	920	990	990	1010	4.8
350	350	350	295	295	295	350	350	350	4.12
3670	3795	3860	3195	3230	3270	3460	3670	3795	4.19
2600	2725	2790	2275	2310	2350	2540	2600	2725	4.20
1160 / 1590	1230 / 1590	1230 / 1490	1070 / 1190	1135 / 1190	1135 / 1190	1160 / 1590	1160 / 1590	1230 / 1590	4.21
40 / 122 / 1070	45 / 122 / 1070	50 / 150 / 1070	35 / 100 / 920	35 / 100 / 920	40 / 122 / 920	40 / 122 / 920	40 / 122 / 1070	45 / 122 / 1070	4.22
II	III	III	II	II	II	II	II	III	4.23
1020	1070	1070	920	920	920	1020	1020	1070	4.24
120	140	140	110	110	110	120	120	140	4.31
190	210	210	120	120	120	190	190	210	4.32
3790	3910	3975	3480	3515	3550	3730	3790	3910	4.34.1
3590	3710	3775	3280	3315	3350	3530	3590	3710	4.34.2
2210	2305	2355	1975	2010	2040	2150	2210	2305	4.35
2070	2155	2185	1900	1940	1960	2040	2070	2155	4.41
410	430	430	390	390	390	410	410	430	4.42
290	290	290	240	240	240	290	290	290	4.43
17.5 / 18.5	19.0 / 19.5	19.5 / 19.5	18.0 / 19.0	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	19.0 / 20.0	5.1
17.5 / 18.5	19.0 / 19.5	19.5 / 19.5	18.0 / 19.0	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	19.0 / 20.0	5.1.1
590 / 620	560 / 580	495 / 505	595 / 650	580 / 645	580 / 645	515 / 580	500 / 580	470 / 540	5.2
515 / 540	515 / 540	515 / 540	515 / 540	515 / 540	515 / 540	515 / 540	515 / 540	515 / 540	5.3
19830 /	24910 /	22980 /	19240 /	19090 /	19180 /	18860 /	18910 /	18960 /	5.5
27 / 24	30 / 23	25 / 20	38 / 26	34/24	31 / 22	31/28	26/25	24 / 24	5.7
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	5.10
Yanmar / 4TNE92	Yanmar / 4TNE92	Yanmar / 4TNE98	GCT/K21	GCT/K21	GCT/K21	GCT/K21	GCT/K21	GCT/K25	7.1
37.4	50.6	50.6	34	34	34	34	34	40	7.2
2350	2300	2300	2250	2250	2250	2250	2250	2100	7.3
150 / 1600	214 / 1700	214 / 1700	158 / 1600	158 / 1600	158 / 1600	158 / 1600	158 / 1600	186/1600	7.3.1
4 / 2659	4 / 3319	4 / 3319	4 / 2065	4 / 2065	4 / 2065	4 / 2065	4/2065	4 / 2488	7.4
2.8	3.4	3.6	1.5	1.6	1.7	1.8	1.9	2.3	7.5
12 / 64	12 / 64	12 / 64	12 / 28	12 / 28	12 / 28	12 / 28	12 / 28	12 / 28	7.10
Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	8.1
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	8.11
Hand	Hand	Hand	Hand	Hand	Hand	Hand	Hand	Hand	8.12
181	181	157	181	181	181	181	181	181	10.1
71	82	71	59	59	59	65	65	74	10.2
38.0	40.0	40.0	23.5	23.5	23.5	38.0	38.0	40.0	10.3
69.0	69.0	69.0	-	-	-	-	-	-	10.4
80	80	80	78	78	78	78	78	80	10.7
78	78	78	75	75	75	75	75	75	10.7.1
Hook	Hook	Hook	Hook	Hook	Hook	Hook	Hook	Hook	10.8

Distinguishing mark

Weights

Tyres/chassis

Dimensions

Performance data

Combustion-engine

Addition data

<sup>[12]</sup> Lpaz, Measured according to the test cycles and based on the weighting values contained in EN12053.

<sup>[13]</sup> Lwaz, Measured according to the test cycles and based on the weighting values contained in EN12053.

**Specification data based on:**  
3000mm Top of Forks 2 stage LFL mast with standard hook type carriage, 920mm (1.5-2.0S) /1070mm (2.0-3.5) forks with manual hydraulics, overhead guard and standard pneumatic drive and steer tyres.

# VDI 2198 - General Specifications 15MX, 18MX, 20SMX, 20MX, 25MX, 30MX, 35MX - Petrol and Dual Fuel

<b>Distinguishing mark</b>	1.1	Manufacturer (abbreviation)		Yale	Yale	Yale	Yale
	1.2	Manufacturer's type designation		<b>GP 15 MX</b>	<b>GP 18 MX</b>	<b>GP 20 SMX</b>	<b>GP 20 MX</b>
		Engine		K21 2.1L	K21 2.1L	K21 2.1L	K21 2.1L
		Transmission		Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed
	1.3	Drive: electric (battery or mains), diesel, petrol, LPG		Petrol	Petrol	Petrol	Petrol
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (kg)	1500	1800	2000	2000
	1.6	Load centre distance	c (mm)	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	405	405	410	480
1.9	Wheelbase	y (mm)	1410	1410	1410	1625	
<b>Weights</b>	2.1	Service weight (standard/duel tread)	kg	2640 / 2655	2895 / 2900	3080 / 3085	3475 / 3615
	2.2	Axle loading, laden front/rear	kg	3650 / 490	4065 / 580	4430 / 650	4850 / 625
	2.3	Axle loading, unladen front/rear	kg	1185 / 1455	1190 / 1705	1135 / 1945	1645 / 1830
<b>Tyres/chassis</b>	3.1	Tyres: P = pneumatic, V = cushion, SE = superelastic		SE	SE	SE	SE
	3.2	Tyre size, front (standard tread)		6.0-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR
	3.2.1	Tyre size, front (duel tread)		21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR
	3.3	Tyre size, rear		5.0-8-8PR	18x7-8-10PR	18x7-8-10PR	6.0-9-10PR
	3.5	Wheels, number front/rear (x = driven wheels)		2x / 2	2x / 2	2x / 2	2x / 2
	3.6	Tread, front (standard/duel tread)	b10 (mm)	915 / 1000	950 / 1000	950/1000	970 / 1405
	3.7	Tread, rear	b11 (mm)	905	930	930	1000
<b>Dimensions</b>	4.1	Tilt of mast/fork carriage forward/backward	$\alpha / \beta$ (°)	6 / 10	6 / 10	6 / 10	6 / 10
	4.2	Height, mast lowered	h1 (mm)	1995	1995	1995	1995
	4.3	Free lift <sup>[1]</sup>	h2 (mm)	145	145	150	155
	4.4	Lift <sup>[1]</sup>	h3 (mm)	3035	3035	3040	3050
	4.5	Height, mast extended <sup>[2]</sup>	h4 (mm)	4105	4105	4105	4120
	4.7	Height of overhead guard (cabin)	h6 (mm)	2060	2060	2060	2130
	4.8	Seat height relating to SIP/stand height <sup>[3]</sup>	h7 (mm)	920	920	920	990
	4.12	Coupling height	h10 (mm)	295	295	295	350
	4.19	Overall length	l1 (mm)	3195	3230	3270	3460
	4.20	Length to face of forks	l2 (mm)	2275	2310	2350	2540
	4.21	Overall width <sup>[4]</sup>	b1/b2 (mm)	1070 / 1190	1135 / 1190	1135 / 1190	1160 / 1590
	4.22	Fork dimensions ISO 2331	s/e/l (mm)	35 / 100 / 1070	35 / 100 / 1070	40 / 122 / 1070	40 / 122 / 1070
	4.23	Fork carriage ISO 2328, class/type A, B		II	II	II	II
	4.24	Fork carriage width <sup>[4]</sup>	b3 (mm)	920	920	920	1020
	4.31	Ground clearance, laden, below mast	m1 (mm)	110	110	110	120
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	120	120	120	190
	4.34.1	Aisle width for pallets 1000 x 1200 crossways <sup>[5]</sup>	Ast (mm)	3480	3515	3550	3730
4.34.2	Aisle width for pallets 800 x 1200 crossways <sup>[5]</sup>	Ast (mm)	3280	3315	3350	3530	
4.35	Turning radius	Wa (mm)	1975	2010	2040	2150	
4.41	90° intersecting aisle (with pallet L = 1000mm x W = 1200mm)	(mm)	1900	1940	1960	2040	
4.42	Step height (from ground to running board)	(mm)	390	390	390	410	
4.43	Step height (between intermediate steps and floor)	(mm)	240	240	240	290	
<b>Performance data</b>	5.1	Travel speed, laden/unladen	km/h	18.0 / 19.0	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5
	5.1.1	Travel speed, laden/unladen, backwards	km/h	18.0 / 19.0	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5
	5.2	Lift speed, laden/unladen	m/s	595 / 650	580 / 645	580 / 645	515 / 580
	5.3	Lowering speed, laden/unladen	m/s	515 / 540	515 / 540	515 / 540	515 / 540
	5.5	Drawbar pull, laden/unladen <sup>[6]</sup>	N	19240 /	19090 /	19180 /	18860 /
	5.7	Gradeability, laden/unladen <sup>[7]</sup>	%	38/26	34 / 24	31 / 22	31 / 28
5.10	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	
<b>Combustion-engine</b>	7.1	Engine manufacturer/type		GCT/K21	GCT/K21	GCT/K21	GCT/K21
	7.2	Engine power according to ISO 1585	kW	34	34	34	34
	7.3	Rated speed	min-1	2250	2250	2250	2250
	7.3.1	Torque at 1/min	Nm/min-1	158 / 1600	158 / 1 600	158/1600	158/1600
	7.4	Number of cylinders/displacement	(-) / cm3	4 / 2065	4 / 2065	4 / 2065	4 / 2065
	7.5	Fuel consumption according to MIL 268C cycle	l/h or kg/h	2.3	2.4	2.6	2.7
	7.10	Battery voltage/nominal capacity <sup>[8]</sup>	(V) / (Ah)	12 / 28	12 / 28	12 / 28	12 / 28
<b>Additional data</b>	8.1	Type of drive unit		Automatic	Automatic	Automatic	Automatic
	8.11	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic
	8.12	Parking brake		Hand	Hand	Hand	Hand
<b>Additional data</b>	10.1	Operating pressure for attachments	bar	181	181	181	181
	10.2	Oil volume for attachments <sup>[9]</sup>	l/min	59	59	59	65
	10.3	Hydraulic oil tank, capacity	litres	23.5	23.5	23.5	38.0
	10.4	Fuel tank, capacity	litres	52.0	52.0	52.0	69.0
	10.7	Sound pressure level at the driver's seat <sup>[10, 11, 12]</sup>	dB(A)	78	78	78	78
	10.7.1	Sound power level during the workcycle <sup>[11, 13]</sup>	dB (A)	75	75	75	75
	10.8	Towing coupling, type DIN		Hook	Hook	Hook	Hook

<sup>[10]</sup> Standard / wide / dual. <sup>[11]</sup> Top of forks. <sup>[12]</sup> add 32mm with load backrest. <sup>[13]</sup> Full suspension seat in depressed position. <sup>[14]</sup> Without load backrest, add 32mm with load backrest. <sup>[5]</sup> Stacking aisle width (lines 4.34, 4.34.1 & 4.34.2) are based on the V.D.I. standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck". <sup>[6]</sup> at 1.6 km/h. <sup>[7]</sup> at 4.8km/h. Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines. <sup>[8]</sup> Battery ampere hour (Ah) nominal capacity ratings are estimated. <sup>[9]</sup> Variable. <sup>[10]</sup> With and without cab. <sup>[11]</sup> Noise levels are reduced by 3dB(A) with ECO-eLo mode engaged.

Yale	Yale	Yale	Yale	Yale	Yale	Yale	Yale	1.1
<b>GP 25 MX</b>	<b>GP 30 MX</b>	<b>GTP 15 MX</b>	<b>GTP 18 MX</b>	<b>GTP 20 SMX</b>	<b>GTP 20 MX</b>	<b>GTP 25 MX</b>	<b>GTP 30 MX</b>	1.2
K21 2.1L	K25 2.5L	K21 2.1L	K21 2.1L	K21 2.1L	K21 2.1L	K21 2.1L	K25 2.5L	
Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	Electronic Powershift 1-speed	
Petrol	Petrol	Dual fuel	Dual fuel	Dual fuel	Dual fuel	Dual fuel	Dual fuel	1.3
Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	1.4
2500	3000	1500	1800	2000	2000	2500	3000	1.5
500	500	500	500	500	500	500	500	1.6
480	505	405	405	410	480	480	505	1.8
1625	1700	1410	1410	1410	1625	1625	1700	1.9
3830 / 3970	4385 / 4470	2640 / 2655	2895 / 2900	3080 / 3085	3475 / 3615	3830 / 3970	4385 / 4470	2.1
5595 / 735	6525 / 860	3650 / 490	4065 / 580	4430 / 650	4850 / 625	5595 / 735	6525 / 860	2.2
1590 / 2240	1755 / 2630	1185 / 1455	1190 / 1705	1135 / 1945	1645 / 1830	1590 / 2240	1755 / 2630	2.3
SE	SE	SE	SE	SE	SE	SE	SE	3.1
7.00-12-12PR	28x9-15-12PR	6.0-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	3.2
7.00-12-12PR	7.00-12-12PR	21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	3.2.1
6.0-9-10PR	6.50-10-10PR	5.0-8-8PR	18x7-8-10PR	18x7-8-10PR	6.0-9-10PR	6.0-9-10PR	6.50-10-10PR	3.3
2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	3.5
970/1405	1010 / 1405	915 / 1000	950 / 1000	950 / 1000	970/1405	970 / 1405	1010 / 1405	3.6
1000	1000	905	930	930	1000	1000	1000	3.7
6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	4.1
1995	2060	1995	1995	1995	1995	1995	2060	4.2
155	160	145	145	150	155	155	160	4.3
3050	3055	3035	3035	3040	3050	3050	3055	4.4
4120	4125	4105	4105	4105	4120	4120	4125	4.5
2130	2150	2060	2060	2060	2130	2130	2150	4.7
990	1010	920	920	920	990	990	1010	4.8
350	350	295	295	295	350	350	350	4.12
3670	3795	3195	3230	3270	3460	3670	3795	4.19
2600	2725	2275	2310	2350	2540	2600	2725	4.20
1160 / 1590	1230 / 1590	1070/1190	1135 / 1190	1135/1190	1160 / 1590	1160 / 1590	1230 / 1590	4.21
40 / 122 / 1070	45 / 122 / 1070	35 / 100 / 1070	35 / 100 / 1070	40/122/1070	40 / 122 / 1070	40 / 122 / 1070	45 / 122 / 1070	4.22
II	III	II	II	II	II	II	III	4.23
1020	1070	920	920	920	1020	1020	1070	4.24
120	140	110	110	110	120	120	140	4.31
190	210	120	120	120	190	190	210	4.32
3790	3910	3480	3515	3550	3730	3790	3910	4.34.1
3590	3710	3280	3315	3350	3530	3590	3710	4.34.2
2210	2305	1975	2010	2040	2150	2210	2305	4.35
2070	2155	1900	1940	1960	2040	2070	2155	4.41
410	430	390	390	390	410	410	430	4.42
290	290	240	240	240	290	290	290	4.43
18.0 / 19.5	19.0 / 20.0	18.0 / 19.0	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	19.0 / 20.0	5.1
18.0 / 19.5	19.0 / 20.0	18.0 / 19.0	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	18.0 / 19.5	19.0 / 20.0	5.1.1
500 / 580	470 / 540	595 / 650	580 / 645	580 / 645	515 / 580	500 / 580	470 / 540	5.2
515 / 540	515 / 540	515 / 540	515 / 540	515 / 540	515/540	515 / 540	515 / 540	5.3
18910 /	18960 /	19240 /	19090 /	19180 /	18860 /	18910 /	18960 /	5.5
26 / 25	24 / 24	38 / 26	34 / 24	31 / 22	31 / 28	26/25	24 / 24	5.7
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	5.10
GCT/K21	GCT/K25	GCT/K21	GCT/K21	GCT/K21	GCT/K21	GCT/K21	GCT/K25	7.1
34	40	34	34	34	34	34	40	7.2
2250	2100	2250	2250	2250	2250	2250	2100	7.3
158 / 1600	186 / 1600	158 / 1600	158 / 1600	158 / 1600	158 / 1600	158 / 1600	186 / 1600	7.3.1
4 / 2065	4 / 2488	4 / 2065	4 / 2065	4 / 2065	4 / 2065	4 / 2065	4 / 2488	7.4
2.9	3.3	2.3 / 1.5	2.4 / 1.6	2.6 / 1.7	2.7 / 1.8	2.9/1.9	3.3/2.3	7.5
12 / 28	12 / 28	12 / 28	12 / 28	12 / 28	12 / 28	12 / 28	12 / 28	7.10
Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	8.1
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	8.11
Hand	Hand	Hand	Hand	Hand	Hand	Hand	Hand	8.12
181	181	181	181	181	181	181	181	10.1
65	74	59	59	59	65	65	74	10.2
38.0	40.0	23.5	23.5	23.5	38.0	38.0	40.0	10.3
69.0	69.0	52.0	52.0	52.0	69.0	69.0	69.0	10.4
78	80	78	78	78	78	78	80	10.7
75	75	75	75	75	75	75	75	10.7.1
Hook	Hook	Hook	Hook	Hook	Hook	Hook	Hook	10.8

Distinguishing mark

Weights

Tyres/chassis

Dimensions

Performance data

Combustion-engine

Addition data

<sup>[12]</sup> Lpaz, Measured according to the test cycles and based on the weighting values contained in EN12053.

<sup>[13]</sup> Lwaz, Measured according to the test cycles and based on the weighting values contained in EN12053.

**Specification data based on:**  
3000mm Top of Forks 2 stage LFL mast with standard hook type carriage, 920mm (1.5-2.0S) /1070mm (2.0-3.5) forks with manual hydraulics, overhead guard and standard pneumatic drive and steer tyres.

# MX series

Models:

GDP 15MX, 18MX, 20SMX, 20MX, 25MX, 30MX, 35MX

GLP/GP/GTP 15MX, 18MX, 20SMX, 20MX, 25MX, 30MX



## Standard and Optional Features

Standard	Optional
<b>Front End Equipment</b> 2-Stage limited free lift High Vis™ mast with 3,000mm maximum fork height Hook-type carriage with 1070mm high load backrest (LBR) 1,070mm long forks	<b>Front End Equipment</b> 2-Stage limited free lift High Vis™ masts with up to 4855mm lift height 2-Stage full free lift High Vis™ masts with up to 3390mm lift height 3-Stage full free lift High Vis™ masts with up to 6,580mm lift height Integral side shift (ISS) carriage Fork lengths are available from 1070mm to 1520 mm
<b>Engine / Drivetrain / Brakes</b> GCT K21 2.1L Petrol/LPG engine on GP/GLP15-20MX, GP/GLP20-25MX Yanmar 2.6L Diesel engine on GDP15-20MX, GDP20-25MX GCT K25 2.5L Petrol/LPG engine on GP/GLP30-35MX Yanmar 3.3L Diesel engine on GDP30-35MX Automatic transmission with: <ul style="list-style-type: none"> <li>Mechanical inching</li> <li>Neutral start function</li> </ul> Lever directional control Self-adjusting drum brakes Pneumatic Tyres	<b>Engine / Drivetrain / Brakes</b> Neutral start function Heavy duty clutch Foot Directional Control (FDC) Heavy duty drum brakes (GP/GDP/GLP20-35MX only)
<b>Controls and Instrumentation</b> Combined inch/brake pedal 2-function cowl-mounted hydraulic controls LCD panel with: <ul style="list-style-type: none"> <li>Hour meter</li> <li>Fasten seatbelt indicator</li> <li>Fuel level with low fuel audible alarm (Petrol and Diesel fuel only)</li> <li>Real time clock</li> </ul> Service Indicators: <ul style="list-style-type: none"> <li>Service required</li> <li>Error message</li> <li>Coolant temperature with high temperature warning buzzer</li> <li>Alternator with warning buzzer</li> <li>Transmission oil temperature with warning buzzer</li> <li>Engine oil pressure with low pressure warning buzzer</li> <li>Glow lamp (Diesel fuel engine only)</li> <li>Sedimeter with warning buzzer (Diesel fuel engine only)</li> </ul>	<b>Controls and Instrumentation</b> Separate inch-brake and brake pedals for sure handling on steep inclines 3-function cowl-mounted hydraulic controls with interlock for clamping 4-function cowl-mounted hydraulic controls with or without interlock for clamping Seat Side Mini Levers Speedometer with speed alarm and warning buzzer Digital load weight display
<b>Seats</b> Adjustable vinyl seat	<b>Seats</b> Full-suspension vinyl seat with Seat Side Mini Levers
<b>Cabin</b> Standard Over Head Guard (OHG) with rain gutter and cup holder 78 dB(A) standard noise level for Petrol/LPG engine option 80 dB(A) standard noise level for Diesel engine option	
<b>Environmental</b> 5 in Cyclone type air cleaner (LPG/Gas) 6.5 in Cyclone type air cleaner (Diesel) High air intake Horizontal exhaust Serpentine core radiator	<b>Environmental</b> Dual element air filter for Petrol/LPG engine option Tandem air filter for Diesel engine option Vertical exhaust 2-way catalytic muffler Spark arrestor muffler Heavy duty square fin radiator Large capacity battery
<b>Other</b> Hydraulic cut-out seat interlock (prevents use of hydraulics when operator is not on seat) Electric horn Rubber floor mat Integral tie downs Operator's manual Operator's seat belt Infinitely adjustable steering column Key starting with anti-restart function Continuous Stability Enhancement™ stability system Hydrostatic steering with return-to-straight steering knob Easy tank bracket swing-out, drop-down LPG cylinder bracket ISO 3691/JIS D 6202 compliance 12 months/2,000 hours manufacturer's warranty	<b>Other</b> 2 rear vision mirrors Rotating flasher beacon Light Kit consisting of 2 Halogen front head lights 2 front turn indicators plus rear combination (turn indicators, reversing and brake) lights and reverse alarm Additional front work light Rear work light (switches or reverse operated)

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