



MATERIAL HANDLING EQUIPMENT



**Sales & Rentals of Quality Material
Handling Equipment**

YOU DRIVE, WE STRIVE

🏠 Unit 1, DunswartPark, 5 Main Reef Road.

Dunswart, Boksburg 1508.

☎ +27 (0) 10 599 2412 📱 +27(0) 78 116 1703

✉ Contact@liftforce.net 🌐 www.liftforce.net

M Series 1.5-mini4.0t Internal Combustion Forklift

M Series Forklift Truck

lift-force

We are a customer centric forklift company and pride ourselves in delivering High performance material handling solutions to companies in a very cost-effective manner.

Our solutions are backed by more than 17 years' experience & insights of our team and associates. This enables us to provide equipment that has been tailored to South African operating environment.

Our machines are, reliable, efficient, safe, environmentally friendly and cost effective.

We have a very strong **"Can Do"** culture in our team to serve customers which deservedly backs our performance claim of "You Drive, We strive"

M series introduction

The M series is the first generation forklifts, designed by the MAXIMAL engineering team. A world class design features advanced technologies and superior componentry as produced by competitive vendors the world over. The finished appearance with safety color design has attracted an audience in local and the world markets.

Online Parts System

Fast response, 24-hour reply on trucks, parts and claims.
High quality components
Ergonomic design
Safety operation.



Liftforce SA (Pty) Ltd.

Unit 1. Dunswart Park, 5 Main Reef Road.
Dunswart. Boksburg 1508.

Email: contact@liftforce.net

Tel: +27 (0) 10 599 2412

Cell: +27(0) 78 116 1703

www.liftforce.net



Ergonomic design



High quality components



Safety operation





M SERIES 1.5-1.8t Diesel forklift

General	1	Model			FD15T-M2		FD18T-M2		
	2	Type			WC3/G(6)3				
	3	Rated capacity		kg	1500		1800		
	4	Load centre		mm	500				
Characteristic&Dimension	5	Lift height		mm	3000				
	6	Free lift height		mm	135				
	7	Fork size	L×W×T	mm	920×100×35		920×100×35		
	8	Fork regulating range	Min./Max	mm	200/890				
	9	Mast tilt angle	F/R	Deg	6°/12°				
	10	Front overhang		mm	400				
	11	Rear overhang		mm	465		510		
	12	Min. ground clearance(Bottom of mast)		mm	130				
	13	Overall dimensions	Length to face of fork (without fork)	mm	2255		2300		
	14		Overall width	mm	1070				
	15		Mast lowered height	mm	2015				
	16		Mast extended height(with backrest)	mm	3984				
	17		Overhead guard height	mm	2110				
	18	Turning radius(outside)		mm	2040		2075		
	19	Min. right angle stacking aisle width (add load length and clearance)		mm	1825		1857		
	Performance	20	Speed	Travel(Unladen)	km/h	14.5			
		21		Lifting(Laden)	mm/s	550(WC3)			
		22		Lowering(Laden)	mm/s	450			
		23	Max. Drawbar pull(Laden/unladen)		KN	18/16			
24		Max. Gradeability(Laden)		%	20				
Tyre	25	Tyre	Front		6.50-10-10PR				
	26		Rear		5.00-8-8 PR				
	27	Tread	Front	mm	890				
	28		Rear	mm	920				
Weight	29	Wheelbase		mm	1400				
	30	Self weight		kg	2590		2800		
	31	Weight Distribution	Laden	Front Axle	kg	3520		3950	
	32			Rear Axle	kg	570		650	
	33		Unladen	Front Axle	kg	1160		1260	
	34			Rear Axle	kg	1430		1540	
Power&Transmission	35	Battery	Voltage/Capacity		V/Ah	12/90			
	36		Fuel tank capacity		L	50			
	37	Transmission	Manufacture			China			
	38		Type			Powershift			
	39		Stage	F/R		1/1			
	40		Operating pressure(For attachments)		MPa	14.5			

M SERIES 1.5-1.8t Gasline&LPG forklift

General	1	Model			FGL15T-M2		FGL18T-M2		
	2	Type			WB3				
	3	Rated capacity		kg	1500		1800		
	4	Load centre		mm	500				
Characteristic&Dimension	5	Lift height		mm	3000				
	6	Free lift height		mm	135				
	7	Fork size	L×W×T	mm	920×100×35				
	8	Fork regulating range	Min./Max	mm	200/890				
	9	Mast tilt angle	F/R	Deg	6°/12°				
	10	Front overhang		mm	400				
	11	Rear overhang		mm	465		510		
	12	Min. ground clearance(Bottom of mast)		mm	130				
	13	Overall dimensions	Length to face of fork (without fork)	mm	2255		2300		
	14		Overall width	mm	1070				
	15		Mast lowered height	mm	2015				
	16		Mast extended height(with backrest)	mm	3984				
	17		Overhead guard height	mm	2110				
	18	Turning radius(outside)		mm	2040		2075		
	19	Min. right angle stacking aisle width (add load length and clearance)		mm	1825		1857		
	Performance	20	Speed	Travel(Unladen)	km/h	14.5			
		21		Lifting(Laden)	mm/s	380			
		22		Lowering(Laden)	mm/s	450			
		23	Max. Drawbar pull(Laden/unladen)		KN	17/15			
24		Max. Gradeability(Laden)		%	20				
Tyre	25	Tyre	Front	mm	6.50-10-10PR				
	26		Rear	mm	5.00-8-8 PR				
	27	Tread	Front	mm	890				
	28		Rear	mm	920				
	29	Wheelbase		mm	1400				
Weight	30	Self weight		kg	2590		2800		
	31	Weight Distribution	Laden	Front Axle	kg	3520		3950	
	32			Rear Axle	kg	570		650	
	33		Unladen	Front Axle	kg	1160		1260	
	34			Rear Axle	kg	1430		1540	
Power&Transmission	35	Battery	Voltage/Capacity		V/Ah	12/60			
	36		Fuel tank capacity		L	50			
	37	Transmission	Manufacture			China			
	38		Type			Powershift			
	39		Stage	F/R		1/1			
	40	Operating pressure(For attachments)			MPa	14.5			

lift-force



YANMAR

Type: WC3
Model: 4TNE92 (Eu IIIA)
Rated output: 33kw/2450 rpm
Rated torque: 150 N · m /1600 rpm
No. of cylinder:4
Bore × Stroke: 91 × 110 mm
Displacement: 2.659 L



XINCHAI

Type: G(6)3
Model: 4N23G31-007
Rated output: 30kw/2600rpm
Rated torque: 131N.M/ (1700~1900) rpm
No. of cylinder:4
Bore × Stroke: 85 × 100mm
Displacement: 2.27L



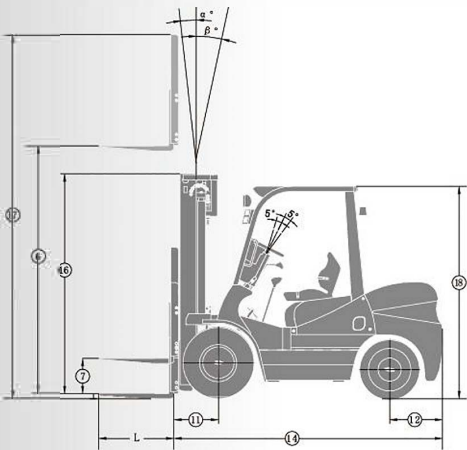
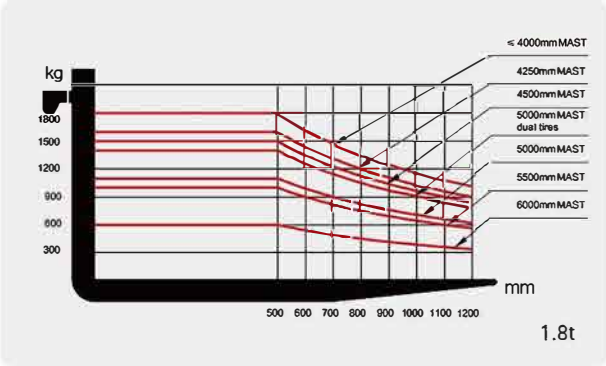
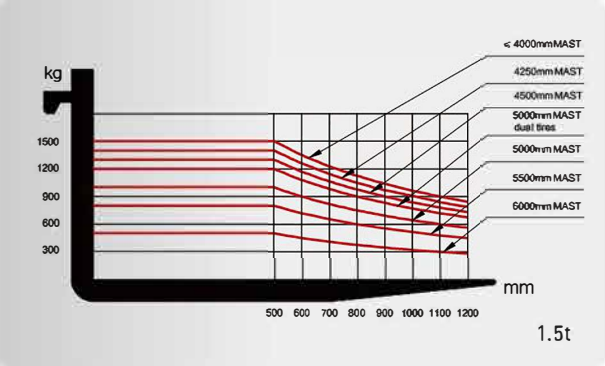
GCT

Type: WB3
Model: K21
Rated output: 31.2kw/2250rpm
Rated torque: 143.7N · m/1800rpm
No. of cylinder:4
Bore × Stroke:89 × 83mm
Displacement:2.065L

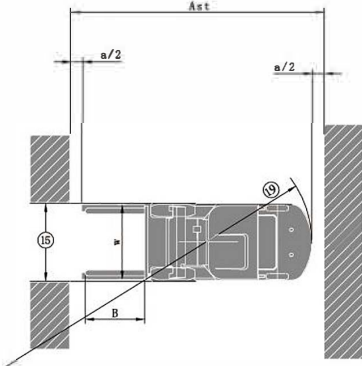


M SERIES 1.5-1.8t mast:

Type	Model	Max. fork height	Overall height						Free lift		Front Overhang		Tilt range		Capacity			
			Lowered	Extended				Without backrest	with backrest	Front Overhang		FWD	BWD	load capacity at 500mm				
				Without backrest		With backrest								Single tyre		Double tyre		
				1.5t	1.8t	1.5t	1.8t			1.5t	1.8t			mm	mm	mm	mm	Deg
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg	
2-stage mast	M200	2000	1515	1515	2513	2513	2984	2984	135	135	400	400	6	12	1500	1800	—	—
	M250	2500	1765	1765	3013	3013	3484	3484	135	135	400	400	6	12	1500	1800	—	—
	M300	3000	2015	2015	3513	3513	3984	3984	135	135	400	400	6	12	1500	1800	—	—
	M330	3300	2165	2165	3813	3813	4284	4284	135	135	400	400	6	12	1500	1800	—	—
	M350	3500	2265	2265	4013	4013	4484	4484	135	135	400	400	6	12	1500	1800	—	—
	M370	3700	2365	2365	4213	4213	4684	4684	135	135	400	400	6	6	1500	1800	—	—
	M400	4000	2565	2565	4513	4513	4984	4984	135	135	400	400	6	6	1500	1800	—	—
	M425	4250	2690	2690	4763	4763	5234	5234	135	135	400	400	6	6	1400	1600	—	—
	M450	4500	2815	2815	5013	5013	5484	5484	135	135	400	400	6	6	1300	1500	—	—
	M500	5000	3065	3065	5513	5513	5984	5984	135	135	400	400	6	6	1000	1100	1200	1400
M550	5500	3365	3365	6013	6013	6484	6484	135	135	400	400	3	6	800	1000	1000	1200	
M600	6000	3615	3615	6513	6513	6984	6984	135	135	400	400	3	6	500	600	800	1000	
Full free 2-stage mast	FM250	2500	1765	1765	3013	3013	3484	3484	1165	780	400	400	6	12	1500	1800	—	—
	FM300	3000	2015	2015	3513	3513	3984	3984	1415	1030	400	400	6	12	1500	1800	—	—
	FM330	3300	2165	2165	3813	3813	4284	4284	1565	1180	400	400	6	12	1500	1800	—	—
	FM350	3500	2265	2265	4013	4013	4484	4484	1665	1280	400	400	6	12	1500	1800	—	—
	FM370	3700	2365	2365	4213	4213	4684	4684	1765	1380	400	400	6	6	1500	1800	—	—
	FM400	4000	2565	2565	4513	4513	4984	4984	1965	1580	400	400	6	6	1500	1800	—	—
Full free 3-stage mast	TFM435	4350	2015	2015	4863	4863	5334	5334	1420	1030	400	400	6	6	1250	1500	—	—
	TFM450	4500	2065	2065	5013	5013	5484	5484	1470	1080	400	400	6	6	1200	1400	—	—
	TFM480	4800	2165	2165	5313	5313	5784	5784	1570	1180	400	400	6	6	1100	1300	—	—
	TFM500	5000	2265	2265	5513	5513	5984	5984	1670	1280	400	400	6	6	950	1200	1150	1300
	TFM540	5400	2390	2390	5913	5913	6384	6384	1795	1405	400	400	3	6	900	1050	950	1100
	TFM600	6000	2615	2615	6513	6513	6984	6984	2020	1630	400	400	3	6	450	550	750	900
	TFM650	6500	2830	2830	7010	7010	7484	7484	2235	1845	400	400	3	6	250	300	550	700



a=200 mm safety clearance
 $AST=a+⑩+⑨+\sqrt{W^2+(B/2)^2}$





M SERIES 2.0-2.5t Diesel Forklift

General	1	Model			FD20T-M2		FD25T-M2		
	2	Type				WV3/WE3/WB3/G(1)3/GK3/G(2)3/GF3			
	3	Rated capacity			kg	2000		2500	
	4	Load centre			mm	500			
Characteristic&Dimension	5	Lift height			mm	3000			
	6	Free lift height			mm	160			
	7	Fork size		L×W×T	mm	1070×122×40			
	8	Fork regulating range		Min./Max.	mm	250/1040			
	9	Mast tilt angle		F/R	Deg	6°/12°			
	10	Front overhang			mm	465			
	11	Rear overhang			mm	492		492	
	12	Min. ground clearance(Bottom of mast)			mm	125			
	13	Overall dimensions	Length to face of fork (without fork)		mm	2510		2545	
	14		Overall width		mm	1150			
	15		Mast lowered height		mm	2010			
	16		Mast extended height(with backrest)		mm	3990			
	17		Overhead guard height		mm	2145			
	18	Turning radius(outside)			mm	2180		2250	
	19	Min. right angle stacking aisle width (add load length and clearance)			mm	1940		2010	
Performance	20	Speed	Travel(Unladen)		km/h	18			
	21		Lifting(Laden)		mm/s	510(WV3)			
	22		Lowering(Laden)		mm/s	450			
	23	Max. Drawbar pull(Laden/unladen)			KN	17/15			
	24	Max. Gradeability(Laden)			%	20			
Tyre	25	Tyre	Front			7.00-12-12 PR			
	26		Rear			6.00-9-10 PR			
	27	Tread	Front		mm	970			
	28		Rear		mm	980			
Weight	29	Wheelbase			mm	1600			
	30	Self weight			kg	3320		3620	
	31	Weight Distribution	Laden	Front Axle		kg	4650	5260	
	Rear Axle			kg	670	860			
	33		Unladen	Front Axle		kg	1500	1630	
	Rear Axle			kg	1820	1990			
Power&Transmission	35	Battery	Voltage/Capacity		V/Ah	12/90		12/90	
	36		Fuel tank capacity		L	50			
	37	Transmission	Manufacture			China			
	38		Type			Powershift			
	39		Stage	F/R			1/1		
	40		Operating pressure(For attachments)			MPa	17.5		

M SERIES 2.0-2.5t Gasline&LPG forklift

General	1	Model				FGL20T-M2		FGL25T-M2		
	2	Type				WA3				
	3	Rated capacity			kg	2000		2500		
	4	Load centre			mm	500				
Characteristic&Dimension	5	Lift height			mm	3000				
	6	Free lift height			mm	160				
	7	Fork size		L×W×T	mm	1070×122×40				
	8	Fork regulating range		Min./Max.	mm	250/1040				
	9	Mast tilt angle		F/R	Deg	6°/12°				
	10	Front overhang			mm	465				
	11	Rear overhang			mm	492		492		
	12	Min. ground clearance(Bottom of mast)			mm	125				
	13	Overall dimensions	Length to face of fork (without fork)		mm	2510		2545		
	14		Overall width		mm	1150				
	15		Mast lowered height		mm	2010				
	16		Mast extended height(with backrest)		mm	3990				
	17		Overhead guard height		mm	2145				
	18	Turning radius(outside)			mm	2180		2250		
	19	Min. right angle stacking aisle width (add load length and clearance)			mm	1940		2010		
Performance	20	Speed	Travel(Unladen)		km/h	19				
	21		Lifting(Laden)		mm/s	520				
	22		Lowering(Laden)		mm/s	450				
	23	Max. Drawbar pull(Laden/unladen)			KN	17/15				
	24	Max. Gradeability(Laden)			%	20				
Tyre	25	Tyre	Front		mm	7.00-12-12 PR				
	26		Rear		mm	6.00-9-10 PR				
	27	Tread	Front		mm	970				
	28		Rear		mm	980				
Weight	29	Wheelbase			mm	1600				
	30	Self weight			kg	3220		3620		
	31	Weight Distribution	Laden	Front Axle		kg	4650		5260	
	32			Rear Axle		kg	670		860	
	33		Unladen	Front Axle		kg	1500		1630	
	34			Rear Axle		kg	1820		1990	
	Power&Transmission	35	Battery	Voltage/Capacity		V/Ah	12/60			
36		Fuel tank capacity		L	60					
37		Transmission	Manufacture			China				
38			Type			Powershift				
39			Stage	F/R			1/1			
40		Operating pressure(For attachments)			MPa	17.5				



XINCHAI

Type: G113
Model: 4D27G31-012
Rated output: 36.8kw/2500rpm
Rated torque: 156 N · m / 1700-1900rpm
No. of cylinder:4
Bore × Stroke:90 × 105mm
Displacement:2.67L



DACHAI

Type: G123
Model: CA498(Eu IIIA)
(Chinese DEUTZ)
Rated output: 36.9kw/2500 rpm
Rated torque: 190 N · m / 1800 rpm
No. of cylinder:4
Bore × Stroke: 98 × 105 mm
Displacement: 3.168 L



DACHAI

Type: GK3
Model: 498
(Chinese DEUTZ)
Rated output: 45kw/2500 rpm
Rated torque: 190 N · m / 1800 rpm
No. of cylinder:4
Bore × Stroke: 98 × 105 mm
Displacement: 3.168 L



XINCHAI

Type:GF3
Model: C490 (Eu IIIA)
Rated output:36.8kw/2500rpm
Rated torque: 156/148N·m/1700-1900rpm
No. of cylinder:4
Bore × Stroke:90 × 105
Displacement:2.67



YANMAR

Type:WE3
Model:4TNE98 (Eu IIIA)
Rated output:42.1kw/2300rpm
Rated torque: 186-208N·m/1700rpm
No. of cylinder:4
Bore × Stroke:98 × 110mm
Displacement:3.318L



ISUZU

Type:WB3
Model:C240-PKJ30 (Eu IIIA)
Rated output:34.8kw/2500rpm
Rated torque:139N·m/1800rpm
No. of cylinder:4
Bore × Stroke:86 × 102mm
Displacement:2.369L



MITSUBISHI

Type: WV3
Model: S4S (Eu IIIA)
Rated output: 34.4kw/2300rpm
Rated torque: 182N · m/1800rpm
No. of cylinder:4
Bore × Stroke: 94 × 120mm
Displacement: 3.331L



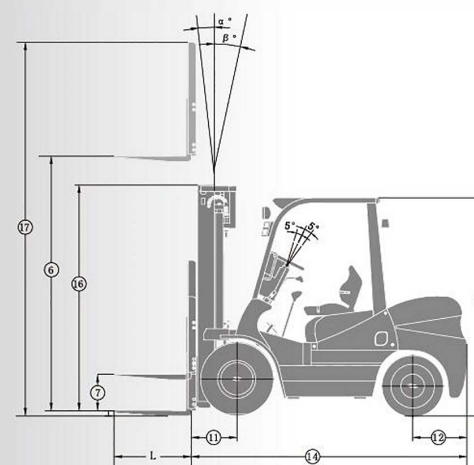
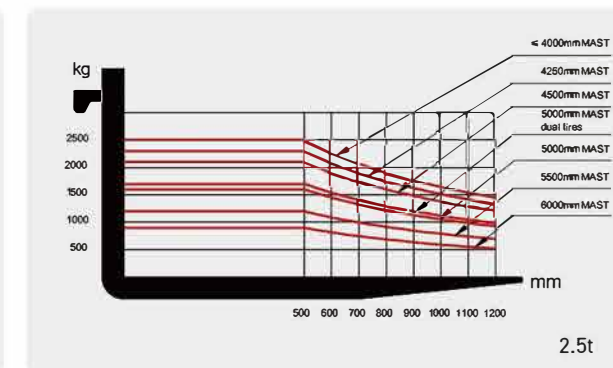
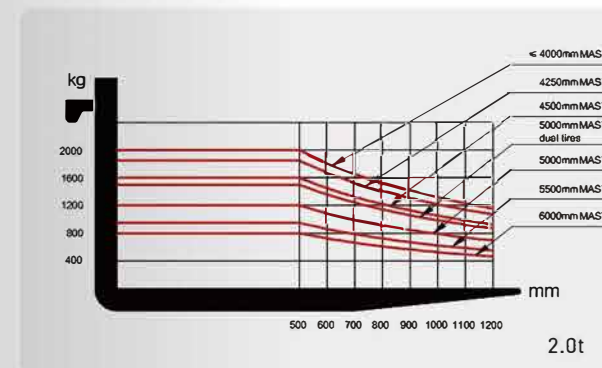
GCT

Type: WA3
Model: K25
Rated output: 37.4kw/2300rpm
Rated torque: 171.2N · m/1600rpm
No. of cylinder:4
Bore × Stroke:89 × 100mm
Displacement:2.488L

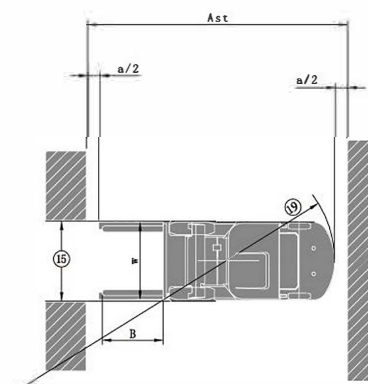


M SERIES 2-2.5t mast:

Type	Model	Max. fork height	Overall height						Free lift		Front Overhang		Tilt range		Capacity			
			Lowered		Extended				Without backrest	with backrest			FWD	BWD	load capacity at 500mm			
					Without backrest		With backrest				Single tyre				Double tyre			
			2t	2.5t	2t	2.5t	2t	2.5t	2t	2.5t	2t	2.5t	2t	2.5t	2t	2.5t		
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
2-stage mast	M200	2000	1510	1510	2575	2575	2990	2990	160	160	465	465	6	12	2000	2500	—	—
	M250	2500	1760	1760	3075	3075	3490	3490	160	160	465	465	6	12	2000	2500	—	—
	M300	3000	2010	2010	3575	3575	3990	3990	160	160	465	465	6	12	2000	2500	—	—
	M330	3300	2160	2160	3875	3875	4290	4290	160	160	465	465	6	12	2000	2500	—	—
	M350	3500	2260	2260	4075	4075	4490	4490	160	160	465	465	6	12	2000	2500	—	—
	M370	3700	2360	2360	4275	4275	4690	4690	160	160	465	465	6	6	2000	2500	—	—
	M400	4000	2560	2560	4575	4575	4990	4990	160	160	465	465	6	6	2000	2500	—	—
	M425	4250	2685	2685	4825	4825	5240	5240	160	160	465	465	6	6	1850	2300	2000	2500
	M450	4500	2810	2810	5075	5075	5490	5490	160	160	465	465	6	6	1600	2100	1900	2400
	M500	5000	3060	3060	5575	5575	5990	5990	160	160	465	465	6	6	1200	1600	1700	1900
Full free 2-stage mast	M550	5500	3360	3360	6075	6075	6490	6490	160	160	465	465	3	6	950	1200	1500	1700
	M600	6000	3610	3610	6575	6575	6990	6990	160	160	465	465	3	6	800	900	1200	1400
	FM250	2500	1760	1760	3090	3090	3490	3490	1170	770	480	480	6	12	2000	2500	—	—
	FM300	3000	2010	2010	3590	3590	3990	3990	1420	1020	480	480	6	12	2000	2500	—	—
	FM330	3300	2160	2160	3890	3890	4290	4290	1570	1170	480	480	6	12	2000	2500	—	—
	FM350	3500	2260	2260	4090	4090	4490	4490	1670	1270	480	480	6	6	2000	2500	—	—
	FM370	3700	2360	2360	4290	4290	4690	4690	1770	1370	480	480	6	6	2000	2500	—	—
	FM400	4000	2560	2560	4590	4590	4990	4990	1970	1570	480	480	6	6	2000	2500	—	—
	TFM435	4350	2010	2010	4867	4867	5340	5340	1390	1020	485	485	6	6	1750	2200	1900	2400
	TFM450	4500	2060	2060	5017	5017	5490	5490	1440	1070	485	485	6	6	1600	2000	1800	2300
Full free 3-stage mast	TFM480	4800	2160	2160	5317	5317	5790	5790	1540	1170	485	485	6	6	1250	1700	1700	2000
	TFM500	5000	2260	2260	5517	5517	5990	5990	1640	1270	485	485	6	6	1100	1500	1600	1800
	TFM540	5400	2385	2385	5917	5917	6390	6390	1765	1395	485	485	3	6	900	1200	1400	1600
	TFM600	6000	2610	2610	6517	6517	6990	6990	1990	1620	485	485	3	6	700	800	1100	1300
	TFM650	6500	2825	2825	7000	7000	7490	7490	2200	1830	485	485	3	6	400	500	800	1000



a=200 mm safety clearance
 $AST=a+⑩+⑪+\sqrt{H^2+(B/2)^2}$





M SERIES 3.0-mini4.0t Diesel Forklift

General	1	Model			FD30T-M2	FD35T-M2	FD40T-M	
	2	Type			G(1)3/G(2)3/G(5)3/GF3/GK3/WV3/WE3/WB3		G(2)3/G(5)3/GK3/WE3/WV3	
	3	Rated capacity		kg	3000	3500	4000	
	4	Load centre		mm	500			
Characteristic&Dimension	5	Lift height		mm	3000			
	6	Free lift height		mm	165	170	170	
	7	Fork size	L×W×T	mm	1070×125×45	1070×125×50	1070×150×50	
	8	Fork regulating range	Min./Max.	mm	250/1100	260/1100	300/1100	
	9	Mast tilt angle	F/R	Deg	6°/12°			
	10	Front overhang		mm	485	505	505	
	11	Rear overhang		mm	520	585	535	
	12	Min. ground clearance(Bottom of mast)		mm	140	140	150	
	13	Overall dimensions	Length to face of fork (without fork)	mm	2685	2750	2915	
	14		Overall width	mm	1210	1210	1410	
	15		Mast lowered height	mm	2075	2150	2260	
	16		Mast extended height(with backrest)	mm	4100	4100	4280	
	17		Overhead guard height	mm	2170	2170	2180	
	18	Turning radius(outside)		mm	2430	2450	2600	
	19	Min. right angle stacking aisle width (add load length and clearance)		mm	2140	2160	2580	
	Performance	20	Speed	Travel(Unladen)	km/h	17	17	20
		21		Lifting(Laden)	mm/s	410 (WV3)	330 (WV3)	430(WE3)
		22		Lowering(Laden)	mm/s	450	450	425
		23	Max. Drawbar pull(Laden/unladen)		KN	19/17(WV3)	19/17(WV3)	17/15(WE3)
24		Max. Gradeability(Laden)		%	15(WV3)	15(WV3)	18(WE3)	
Tyre	25	Tyre	Front		28×9-15-14 PR	28×9-15-14 PR	250-15-16 PR	
	26		Rear		6.50-10-10 PR			
	27	Tread	Front	mm	1000	1000	1154	
	28		Rear	mm	980			
Weight	29	Wheelbase		mm	1700	1700	1900	
	30	Self weight		kg	4310	4680	5100	
	31	Weight Distribution	Laden	Front Axle	kg	6290	7030	7830
	32			Rear Axle	kg	1020	1150	1270
	33		Unladen	Front Axle	kg	1940	2110	2300
	34			Rear Axle	kg	2370	2570	2800
Power&Transmission	35	Battery	Voltage/Capacity		V/Ah	12/90	12/90	
	36		Fuel tank capacity		L	70	80	
	37	Transmission	Manufacture			China		
	38		Type			Powershift		
	39		Stage	F/R		1/1		
	40		Operating pressure(For attachments)		MPa	17.5		

M SERIES 3.0-3.5t Gasline&LPG forklift

General	1	Model			FGL30T-M2	FGL35T-M2	
	2	Type			WA3		
	3	Rated capacity		kg	3000	3500	
	4	Load centre		mm	500		
Characteristic&Dimension	5	Lift height		mm	3000		
	6	Free lift height		mm	165	170	
	7	Fork size	L×W×T	mm	1070×125×45	1070×125×50	
	8	Fork regulating range	Min./Max.	mm	250/1040	260/1100	
	9	Mast tilt angle	F/R	Deg	6°/12°		
	10	Front overhang		mm	485	505	
	11	Rear overhang		mm	520	585	
	12	Min. ground clearance(Bottom of mast)		mm	140		
	13	Overall dimensions	Length to face of fork (without fork)	mm	2685	2750	
	14		Overall width	mm	1210		
	15		Mast lowered height	mm	2075	2150	
	16		Mast extended height(with backrest)	mm	4100		
	17		Overhead guard height	mm	2170		
	18	Turning radius(outside)		mm	2430	2450	
	19	Min. right angle stacking aisle width (add load length and clearance)		mm	2140	2160	
	Performance	20	Speed	Travel(Unladen)	km/h	19	
21		Lifting(Laden)		mm/s	420	330	
22		Lowering(Laden)		mm/s	450		
23		Max. Drawbar pull(Laden/unladen)		KN	17/15		
24		Max. Gradeability(Laden)		%	20	18	
Tyre	25	Tyre	Front	mm	28×9-15-14 PR		
	26		Rear	mm	6.50-10-10 PR		
	27	Tread	Front	mm	1000		
	28		Rear	mm	980		
Weight	29	Wheelbase		mm	1700		
	30	Self weight		kg	4310	4680	
	31	Weight Distribution	Laden	Front Axle	kg	6290	7030
	32			Rear Axle	kg	1020	1150
	33		Unladen	Front Axle	kg	1940	2110
	34			Rear Axle	kg	2370	2570
Power&Transmission	35	Battery	Voltage/Capacity		V/Ah	12/60	
	36		Fuel tank capacity			70	
	37		Manufacture			China	
	38	Transmission	Type			Hyd(Mech)	
	39		Stage	F/R	L	1/1 (2/2)	
	40	Operating pressure(For attachments)		MPa	17.5		



XINCHAI
Type: G(1)3
Model: 4D27G31-012
Rated output: 36.8kw/2500rpm
Rated torque: 156 N · m / 1700-1900rpm
No. of cylinder:4
Bore × Stroke:90 × 105mm
Displacement:2.67L



DACHAI
Type: G(2)3
Model: CA498(Eu IIIA)
(Chinese DEUTZ)
Rated output: 36.9kw/2500 rpm
Rated torque: 190 N · m / 1800 rpm
No. of cylinder:4
Bore × Stroke: 98 × 105 mm
Displacement: 3.168 L



DACHAI
Type: GK3
Model: 498
(Chinese DEUTZ)
Rated output: 45kw/2500 rpm
Rated torque: 190 N · m / 1800 rpm
No. of cylinder:4
Bore × Stroke: 98 × 105 mm
Displacement: 3.168 L



XINCHAI
Type: G(5)3
Model: 4D32G31-004
Rated output: 186 N · m / 1600-1800rpm
No. of cylinder:4
Bore × Stroke:98 × 105mm
Displacement: 3.17L



XINCHAI
Type:GF3
Model: C490 (Eu IIIA)
Rated output:36.8kw/2650rpm
Rated torque: 156/148N·m/1700-1900rpm
No. of cylinder:4
Bore × Stroke:90 × 105
Displacement:2.67



mitsubishi
Type: VV3
Model: S4S (Eu IIIA)
Rated output: 34.4kw/2300rpm
Rated torque: 182 N · m /1800rpm
No. of cylinder:4
Bore × Stroke: 94 × 120mm
Displacement: 3.331L



YANMAR
Type:WE3
Model: 4TNE98 (Eu IIIA)
Rated output:42.1kw/2300rpm
Rated torque: 186-206N·m/1700rpm
No. of cylinder:4
Bore×Stroke:98×110mm
Displacement:3.318L



ISUZU
Type:WB3
Model: C240-PKJ30 (Eu IIIA)
Rated output:34.6kw/2500rpm
Rated torque:139N·m/1800rpm
No. of cylinder:4
Bore×Stroke:86×102mm
Displacement:2.369L



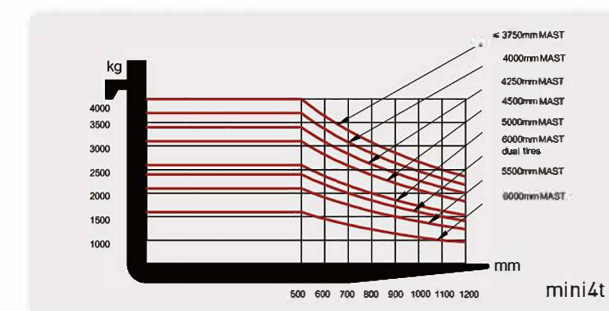
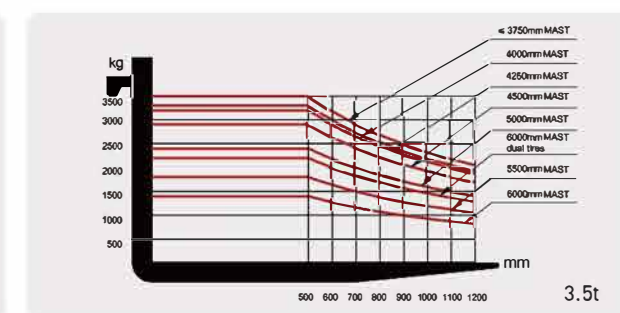
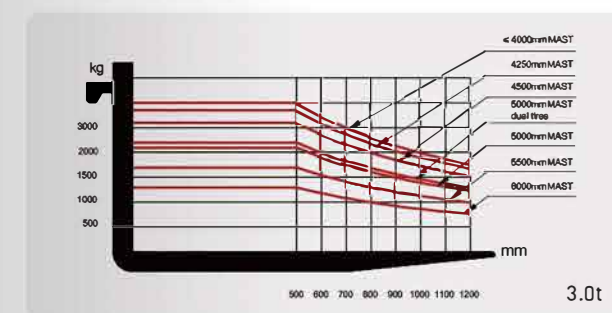
GCT
Type: WA3
Model: K25
Rated output: 37.4kw/2300rpm
Rated torque: 171.2N·m/1600rpm
No. of cylinder:4
Bore × Stroke:89 × 100mm
Displacement:2.488L

M SERIES M series 3-3.5t mast:

Type	Model	Max. fork height	Overall height						Free lift				Front Overhang		Tilt range		Capacity			
			Lowered		Extended				Without backrest		with backrest						load capacity at 500mm			
					Without backrest		With backrest						Single tyre		Double tyre					
			3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	Deg	Deg	kg	kg
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
2-stage mast	M200	2000	1575	1650	2640	2700	3100	3100	165	170	165	170	485	505	6	12	3000	3500	—	—
	M250	2500	1825	1900	3140	3200	3600	3600	165	170	165	170	485	505	6	12	3000	3500	—	—
	M300	3000	2075	2150	3640	3700	4100	4100	165	170	165	170	485	505	6	12	3000	3500	—	—
	M330	3300	2225	2300	3940	4000	4400	4400	165	170	165	170	485	505	6	12	3000	3500	—	—
	M350	3500	2325	2400	4140	4200	4600	4600	165	170	165	170	485	505	6	12	3000	3500	—	—
	M370	3700	2425	2500	4340	4400	4800	4800	165	170	165	170	485	505	6	6	3000	3500	—	—
	M400	4000	2625	2700	4640	4700	5100	5100	165	170	165	170	485	505	6	6	3000	3300	—	3500
	M425	4250	2750	2825	4890	4950	5350	5350	165	170	165	170	485	505	6	6	2850	3200	3000	3500
	M450	4500	2875	2950	5140	5200	5600	5600	165	170	165	170	485	505	6	6	2600	2900	2800	3100
	M500	5000	3125	3200	5640	5700	6100	6100	165	170	165	170	485	505	6	6	2100	2400	2400	2750
Full free 2-stage mast	M550	5500	3425	3500	6140	6200	6600	6600	165	170	165	170	485	505	3	6	1700	1800	2200	2400
	M600	6000	3675	3750	6640	6700	7100	7100	165	170	165	170	485	505	3	6	1300	1400	2000	2200
	FM250	2500	1825	1900	3150	3180	3600	3600	1175	1220	725	800	495	515	6	12	3000	3500	—	—
	FM300	3000	2075	2150	3650	3680	4100	4100	1425	1470	975	1050	495	515	6	12	3000	3500	—	—
	FM330	3300	2225	2300	3950	3980	4400	4400	1575	1620	1125	1200	495	515	6	12	3000	3500	—	—
	FM350	3500	2325	2400	4150	4180	4600	4600	1675	1720	1225	1300	495	515	6	6	3000	3500	—	—
	FM370	3700	2425	2500	4350	4380	4800	4800	1775	1820	1325	1400	495	515	6	6	3000	3500	—	—
	FM400	4000	2625	2700	4650	4680	5100	5100	1975	2020	1525	1600	495	515	6	6	3000	3300	—	3500
	TFM435	4350	2075	2150	4950	4990	5450	5450	1475	1510	975	1050	505	520	6	6	2800	3100	2900	3350
	TFM450	4500	2125	2200	5100	5140	5600	5600	1525	1560	1025	1100	505	520	6	6	2500	2800	2700	3000
Full free 3-stage mast	TFM480	4800	2225	2300	5400	5440	5900	5900	1625	1660	1125	1200	505	520	6	6	2250	2500	2450	2750
	TFM500	5000	2325	2400	5600	5640	6100	6100	1725	1760	1225	1300	505	520	6	6	2100	2300	2300	2600
	TFM540	5400	2450	2525	6000	6040	6500	6500	1850	1885	1350	1425	505	520	3	6	1650	1800	2100	2300
	TFM600	6000	2675	2750	6600	6640	7100	7100	2075	2110	1575	1650	505	520	3	6	1200	1300	1900	2100
	TFM650	6500	2890	2965	7100	7100	7600	7600	2260	2290	1790	2865	505	520	3	6	700	800	1300	1500

M SERIES mini4t mast:

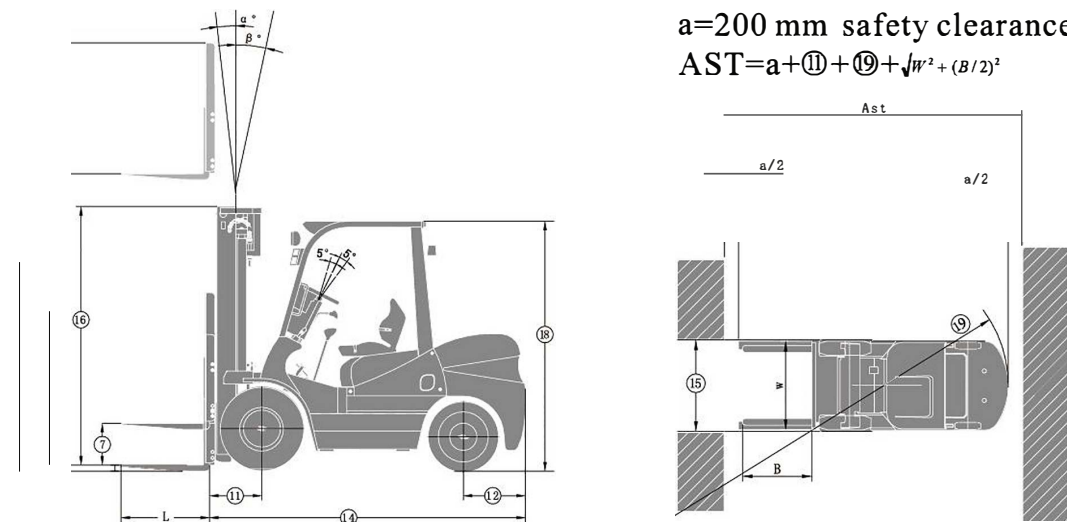
Type	Model	Max. fork height	Overall height				Free lift		Front Overhang	Tilt range		Capacity	
			Lowered	Extended		Without backrest	with backrest	FWD		BWD	load capacity at 500mm		
				With backrest	Without backrest						Single tyre	Double tyre	
		mm							mm				kg
2-stage mast	M200	2000	1760	2820	3100	170	170	505	6	12	4000	—	
	M250	2500	2010	3320	3600	170	170	505	6	12	4000	—	
	M300	3000	2260	3820	4100	170	170	505	6	12	4000	—	
	M330	3300	2410	4120	4400	170	170	505	6	12	4000	—	
	M350	3500	2510	4320	4600	170	170	505	6	12	4000	—	
	M370	3700	2610	4520	4800	170	170	505	6	6	4000	—	
	M400	4000	2810	4820	5100	170	170	505	6	6	3700	4000	
	M425	4250	2935	5070	5350	170	170	505	6	6	3400	3800	
	M450	4500	3060	5320	5600	170	170	505	6	6	3100	3500	
	M500	5000	3310	5820	6100	170	170	505	6	6	2600	3200	
Full free 2-stage mast	M550	5500	3610	6320	6600	170	170	505	3	6	2100	2600	
	M600	6000	3860	6820	7100	170	170	505	3	6	1600	2400	
	FM250	2500	2010	3280	3600	1230	910	518	6	12	4000	—	
	FM300	3000	2260	3780	4100	1480	1160	518	6	12	4000	—	
	FM330	3300	2410	4080	4400	1630	1310	518	6	12	4000	—	
	FM350	3500	2510	4280	4600	1730	1410	518	6	6	4000	—	
	FM370	3700	2610	4480	4800	1830	1510	518	6	6	4000	—	
	FM400	4000	2810	4780	5100	2030	1710	518	6	6	3700	4000	
	TFM435	4350	2260	5100	5450	1510	1160	530	6	6	3300	3700	
	TFM450	4500	2310	5250	5600	1560	1210	530	6	6	3000	3500	
Full free 3-stage mast	TFM480	4800	2410	5550	5900	1660	1310	530	6	6	2700	3200	
	TFM500	5000	2510	5750	6100	1760	1410	530	6	6	2500	3100	
	TFM540	5400	2635	6150	6500	1885	1535	530	3	6	2000	2500	
	TFM600	6000	2860	6750	7100	2110	1760	530	3	6	1500	2300	
	TFM650	6500	3075	7250	7600	2320	1970	530	3	6	1100	1900	



lift-force

Sales & Rentals of Quality Material Handling Equipment

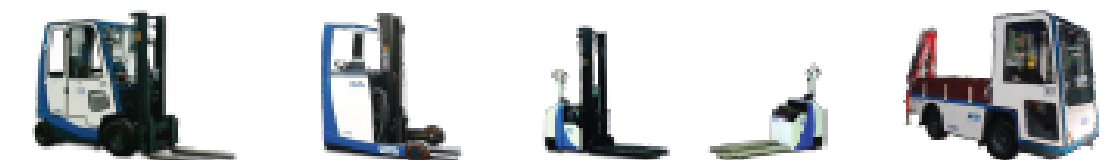
YOU DRIVE, WE STRIVE



NOBLELIFT LI-ION TECHNOLOGY



MAG Flame Proof forklifts



Liftforce SA (Pty) Ltd.

 Unit 1, DunswartPark, 5 Main Reef Road.

Dunswart, Boksburg 1508.

 +27 (0) 10 599 2412

 +27(0) 78 116 1703

 Contact@liftforce.net

 www.liftforce.net

