



S SERIES FORKLIFT

Diesel Forklift

4-mini5T / 5-7T / 8-10T
Hangzhou Samuk Forklift Co.,Ltd



Samuk brand is originated from United Kingdom since 1996.

Samuk focus on the new technologies, customers experience and cost performance.

Since 20 years' development, Samuk is now renowned in Europe market especially in UK and Ireland for its high quality products and the first rate service.



SAMUK IDEAL FOR LIFTING

Since year 2000, Samuk transfered the production center to China, we integrate our technology, experience, advanced idea and the best Chinese resources and product supports together.

Samuk China (Hangzhou Samuk Forklift Co.,Ltd) is officially founded in Hangzhou.China in year 2015. It is primarily responsible for the international sales & marketing, part & service supports, etc.

At present, Samuk has one of the most comprehensive ranges of electric and engine powered material handling equipments offered in the market, it covers 1.5-10.0ton IC forklift, 1.5-5.0T 4-wheel electric forklift. Besides, Samuk has other products as heavy duty forklift, rough terrain forklift, warehouse equipment.

Samuk possess outstanding productivity and low ownership cost, with smart design, leading ergonomics, reliable performance, serviceability and styling.

Samuk provides the most professional material handling solutions for our partners. Our focus is on your satisfaction, the product excellence, customer commitment and qualities we intend to preserve as we continue to lead the professional way in the material handling industry.



SERIES FORKLIFT

DESIGN & PERFORMANCE

01 Triplet overhead guard

The developed overhead guard consists of left side, right side, and top mesh. The cabin can be installed on the safety guard directly, it greatly improves the efficiency and ease.



02 Compact internal distribution

The compact internal structure distribution provides a clear space for maintenance, and the engine protection net highly increase the safety for operator.



03 Wide view mast for operator



04 Powerful steering system

8%

The dynamic load-sensing hydraulic steering system improves work efficiency and energy conservation, the fuel consumption reduced by 8% compare with other forklift truck.

25%

05 Lifting system

The improved lifting system increases the lifting speed by 20-25% compare with other forklift trucks.

IMPROVE

06 Suspension transmission (Optional)

Samuk adopts suspension transmission as an option besides the standard rigid connection, it greatly improves the forklift vibration and noises.

ERGONOMICS



Multifunctional instrument panel

The instrumental panel is at the right side of the steering wheel, which is easy-to-read and ensure a safety operation.

Interlock parking brake

There is a safety protection switch in the hand brake, the button greatly reduces fatigue during operation. It's easier and safer.



LED lights

The standard LED lights provide a better lighting for operations and it's effective in energy conservation.



Adjustable steering wheel column & Small steering wheel

The easy-handling steering wheel column with tilt adjustment helps providing an ideal operating position and increase comfort. Outer diameter of the steering wheel is 300mm only, which is easy to manipulate and ensure the mobility during the working in a narrow space.

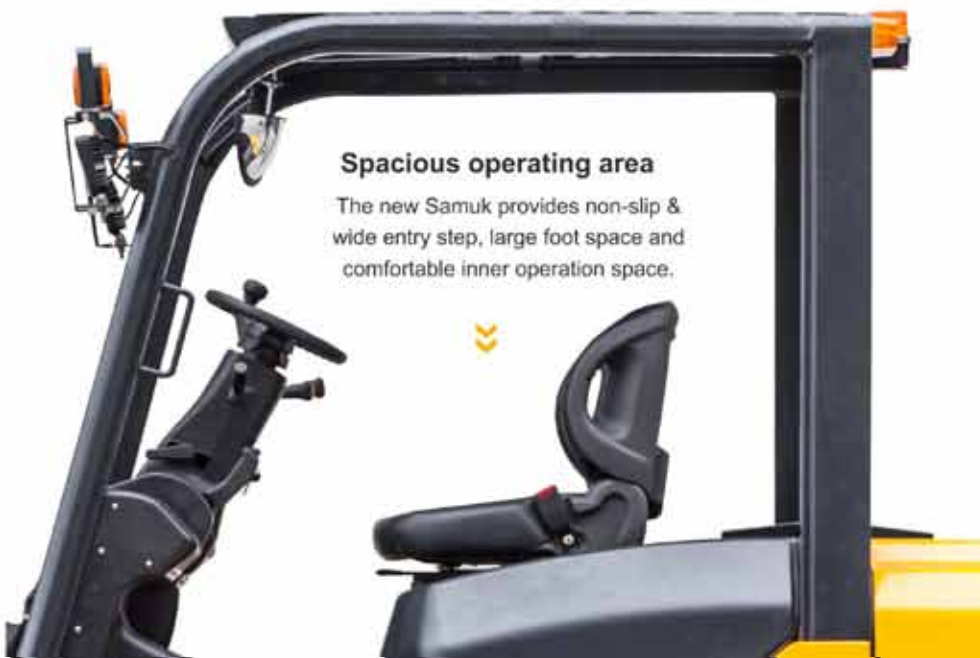
Suspension pedals

Suspension pedal is more responsive and comfortable during accelerating and braking and provides extra foot space.



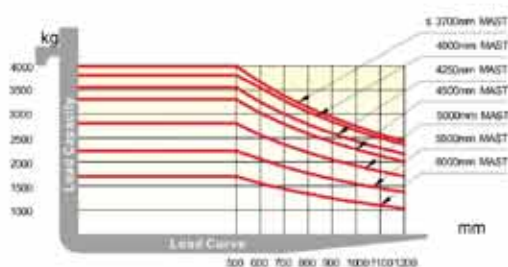
Spacious operating area

The new Samuk provides non-slip & wide entry step, large foot space and comfortable inner operation space.

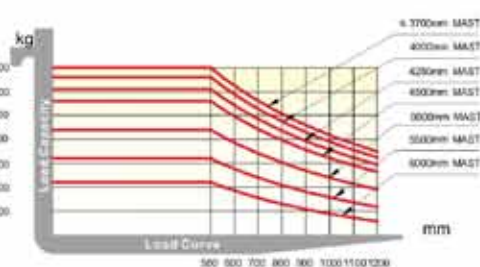


S Series Diesel Forklift 4-miniST

General	1	Model			FD40T	FD45T	FD50T	
	2	Power type				Diesel		
	3	Rated capacity		kg	4000	4500	5000	
	4	Load centre		mm		500		
Characteristic&Dimension	5	Lift height		mm		3000		
	6	Free lift height		mm	150	150	155	
	7	Fork size	L×W×T	mm	1070×150×50	1070×150×50	1070×150×55	
	8	Fork regulating range	Min./Max.	mm		300/1380		
	9	Mast tilt angle	F/R	Deg		6°/12°		
	10	Front overhang		mm		670		
	11	Rear overhang		mm		605	605	
	12	Min. ground clearance(Bottom of mast)		mm		175		
	13	Overall dimensions	Length to face of fork (without fork)	mm	3215	3280	3280	
	14		Overall width	mm	1490	1490	1490	
	15		Mast lowered height	mm	2265	2265	2265	
	16		Mast extended height (with backrest)	mm	4230	4230	4230	
	17		Overhead guard height	mm	2265	2265	2265	
	18	Turning radius(outside)		mm		2920	2920	
	19	Min. right angle stacking aisle width		mm		2600	2600	
Performance	20	Speed	Travel(Unladen)	km/h	25	25	25	
	21		Lifting(Laden)	mm/sec	610	610	610	
	22		Lowering(Laden)	mm/sec	420	420	420	
	23	Max. Drawbar pull(Laden)		KN	23	23	23	
	24	Max. Gradeability(Laden)		%	20	20	18	
Tyre	25	Tyre	Front		300-15-18PR	300-15-18PR	300-15-18PR	
	26		Rear		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	
	27	Tread	Front	mm	1190	1190	1190	
	28		Rear	mm	1130	1130	1130	
	29	Wheelbase		mm	2100	2100	2100	
Weight	30	Self weight		kg	6220	6500	6720	
	31	Weight Distribution	Laden	Front Axle	kg	9020	9650	10320
	32			Rear Axle	kg	1200	1350	1400
	33		Unladen	Front Axle	kg	2760	2840	2960
	34			Rear Axle	kg	3460	3660	3760
Power& Transmission	35	Battery	Voltage/Capacity		V/Ah	2×12/60		
	36	Transmission	Manufacture			Chinese		
	37		Type			Hyd		
	38		Stage		F/R		2/1	
	39	Operating pressure(For attachments)			Mpa		19	



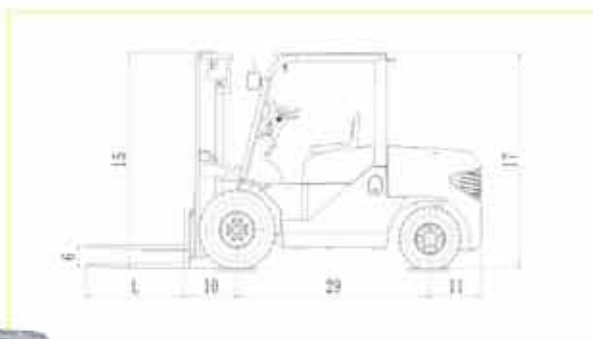
4.0T Load Chart



4.5T Load Chart

Mast Specification 4-miniST

Type	Model	Max. Fork Height	Overall Height												Fork Lift				Front Overhang			Tilt Range		Capacity		
			Lowered						Extended						With Backrest		Without Backrest		4t	4.5t	5000L	FWD	FWD	Load Capacity At 900mm		
			4t	4.5t	5000L	4t	4.5t	5000L	4t	4.5t	5000L	4t	4.5t	5000L	4t	4.5t	5000L	4t	4.5t	5000L	kg	kg	kg			
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
Wide view 2-stage mast	M330	3300	2415	2415	2415	4130	4130	4130	4520	4520	4520	150	155	150	155	590	590	595	6	12	4000	4500	5000			
	M350	3500	2515	2515	2515	4330	4330	4330	4720	4720	4720	150	155	150	155	590	590	595	6	12	4000	4500	5000			
	M375	3750	2640	2640	2640	4580	4580	4580	4970	4970	4970	150	155	150	155	590	590	595	6	12	3880	4380	4880			
	M400	4000	2815	2815	2815	4830	4830	4830	5220	5220	5220	150	155	150	155	590	590	595	6	6	3800	4300	4800			
	M450	4500	3065	3065	3065	5330	5330	5330	5720	5720	5720	150	155	150	155	590	590	595	6	6	3300	3800	4200			
	M500	5000	3315	3315	3315	5630	5630	5630	6020	6020	6020	150	155	150	155	590	590	595	6	6	2800	3200	3600			
Full Free 2-stage mast	M550	5500	3615	3615	3615	6330	6330	6330	6720	6720	6720	150	155	150	155	590	590	595	3	6	2250	2600	2950			
	M600	6000	3865	3865	3865	6830	6830	6830	7220	7220	7220	150	155	150	155	590	590	595	3	6	1700	2100	2400			
	Fm300	3000	2385	2385	2385	3840	3840	3840	4220	4220	4220		1545		1185	600	600	605	6	12	4000	4500	5000			
	Fm330	3300	2535	2535	2535	4140	4140	4140	4520	4520	4520		1695		1315	600	600	605	6	12	4000	4500	5000			
	Fm350	3500	2635	2635	2635	4340	4340	4340	4720	4720	4720		1795		1415	600	600	605	6	12	4000	4500	5000			
	TFM392	3920	2240	2240	2240	5178	5178	5178	5570	5570	5570		1400		1020	630	630	635	6	6	3400	3800	4200			
	TFM450	4500	2438	2438	2438	5340	5340	5340	5720	5720	5720		1595		1218	630	630	635	6	6	3300	3700	4100			
	TFM480	4800	2535	2535	2535	5640	5640	5640	6020	6020	6020		1695		1315	630	630	635	6	6	3000	3400	3800			
	TFM500	5000	2635	2635	2635	5840	5840	5840	6220	6220	6220		1795		1415	630	630	635	6	6	2700	3100	3500			
	TFM540	5400	2760	2760	2760	6240	6240	6240	6620	6620	6620		1920		1540	630	630	635	3	6	2100	2500	2850			
Full Free 3-stage mast	TFM600	6000	3000	3000	3000	6840	6840	6840	7220	7220	7220		2160		1780	630	630	635	3	6	1600	2000	2300			
	TFM650	6500	3215	3215	3215	7340	7340	7340	7720	7720	7720		2375		1995	630	630	635	3	6	1200	1500	1700			



mitsubishi

Type: 5YD
Model: 5YD500
Rated output: 52kw/2300rpm
Rated torque: 248N·m/1760rpm
No. of cylinder: 5
Bore × Stroke: 84 × 120mm
Displacement: 4.89L

S Series Diesel Forklift 5-7T

General	1	Model		FD50T	FD60T	FD70T
	2	Power type			Diesel	
	3	Rated capacity		kg	5000	6000
	4	Load centre		mm	600	7000
Characteristic&Dimension	5	Lift height		mm	3000	
	6	Free lift height		mm	195	200
	7	Fork size		L×W×T	1220×150×55	1220×150×60
	8	Fork regulating range		mm	Min./Max.	300/1845
	9	Mast tilt angle		Deg		6°/12°
	10	Front overhang		mm	580	585
	11	Rear overhang		mm	690	675
	12	Min. ground clearance(Bottom of mast)		mm		200
	13	Length to face of fork (without fork)		mm	3440	3515
	14	Overall width		mm		1995
	15	Mast lowered height		mm	2500	2500
	16	Mast extended height		mm		4370
	17	Overhead guard height		mm		2450
	18	Turning radius(outside)		mm	3250	3400
Performance	19	Min. right angle stacking aisle width (add load length and clearance)		mm	2960	3000
	20	Travel(Unladen)		km/h	21/24	21/24
	21	Lifting(Laden)		mm/sec	340/360	340/360
	22	Lowering(Laden)		mm/sec		500
Tyre	23	Max. Drawbar pull(Laden)		KN	53	53
	24	Max. Gradeability(Laden)		%	22	21
	25	Front			8.25-15-14PR	8.25-15-14PR
	26	Rear			8.25-15-14PR	8.25-15-14PR
Weight	27	Front		mm	1470	1470
	28	Rear		mm	1700	1700
	29	Wheelbase		mm	2250	2250
	30	Self weight		kg	8050	8710
Power & Transmission	31	Front Axle		kg	11250	13090
	32	Rear Axle		kg	1830	1620
	33	Front Axle		kg	3640	3880
	34	Rear Axle		kg	4440	4880
	35	Voltage/Capacity		V/Ah		2×12/80
	36	Manufacture				China
	37	Type				Hyd
	38	Stage				2/2
	39	Operating pressure(For attachments)		Mpa		19.5

ISUZU

Type: SWF3
Model: A-6B410G
Rated output: 32.4kw/2000rpm
Rated torque: 418.8N.m/1400-1600rpm
No. of cylinder: 6
Bore × Stroke: 105 × 125mm
Displacement: 6.48L

CUMMINS

Type: SWF3
Model: QSF3.8
Rated output: 36kw/2200rpm
Rated torque: 470N.m/1100-1700rpm
No. of cylinder: 4
Bore × Stroke: 102 × 115mm
Displacement: 3.3L

MITSUBISHI

Type: SWA3
Model: 50S-T
Rated output: 32.3kw/2300rpm
Rated torque: 292N.m/1700rpm
No. of cylinder: 6
Bore × Stroke: 102 × 118mm
Displacement: 4.99L

DEUTZ

Type: SWF3
Model: TC03.6L4
Rated output: 35.4kw/2300rpm
Rated torque: 390N.m/1300rpm
No. of cylinder: 4
Bore × Stroke: 95 × 125mm
Displacement: 6.45L

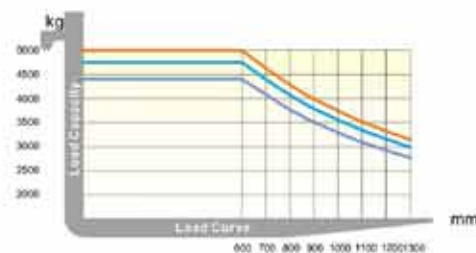
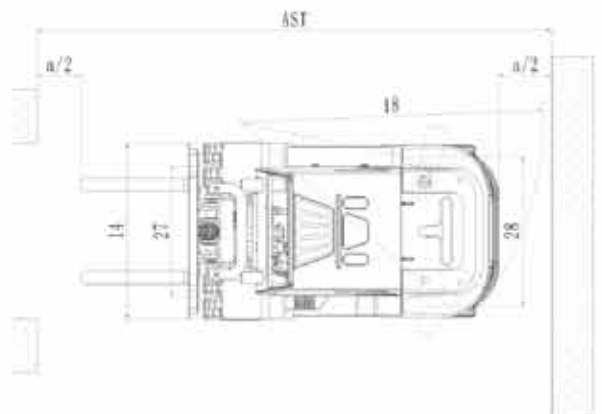
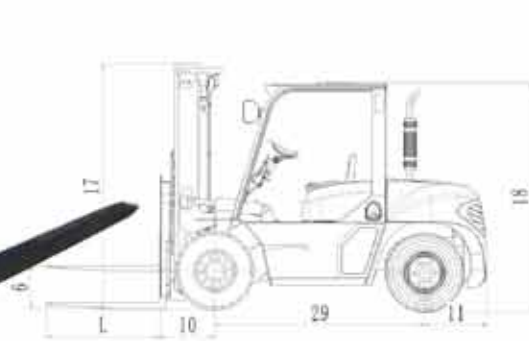
CHAOCHIA

Type: SWA3
Model: 616260-332
Rated output: 35kw/2000rpm
Rated torque: 450N.m/1400-1800rpm
No. of cylinder: 6
Bore × Stroke: 102 × 118mm
Displacement: 5.78L

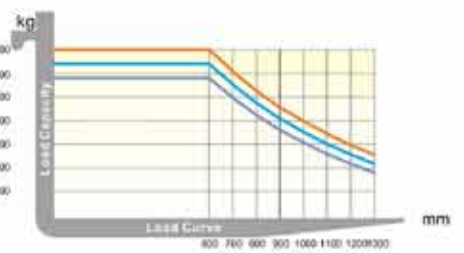


Mast Specification 5-7T

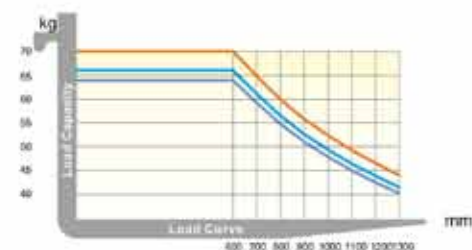
Type	Model	Max. Fork Height	Overall Height						Free Lift								Front Outreach			Tilt Range		Capacity			
			Lowered		Extended				With Backrest				Without Backrest				S1	S2	T1	FWD	FWD	Load Capacity At 600mm			
					Without Backrest		With Backrest															Single Tilt			
			S181	T1	S181	T1	S181	T1	S1	S2	T1	S1	S2	T1	S1	S2						T1	S1	S2	T1
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg		
Wide view 3-stage mast	M350	3500	2750	2875	4400	4500	4870	4870	195	200	205	195	200	205	580	585	590	6	12	5000	6000	7000			
	M400	4000	3050	3175	4900	5000	5370	5370	195	200	205	195	200	205	580	585	590	6	12	5000	6000	7000			
	M450	4500	3300	3425	5400	5500	5870	5870	195	200	205	195	200	205	580	585	590	6	12	5000	6000	7000			
	M500	5000	3550	3675	5900	6000	6370	6370	195	200	205	195	200	205	580	585	590	6	6	5000	6000	7000			
	M550	5500	3850	3975	6400	6500	6870	6970	195	200	205	195	200	205	580	585	590	3	6	4750	5700	6800			
	M600	6000	4100	4225	6900	7000	7370	7470	195	200	205	195	200	205	580	585	590	3	6	4400	5400	6400			
Full free 2-stage mast	FM300	3000		2625		4050		4370		1575		1255			587	592	597	6	12	5000	6000	7000			
	FM330	3300		2775		4350		4670		1725		1405			587	592	597	6	12	5000	6000	7000			
	FM350	3500		2875		4550		4870		1825		1500			587	592	597	6	12	5000	6000	7000			
	TFM435	4350		2630		5350		5720		1630		1260			625	630	635	6	6	4500	5500	6200			
Full free 3-stage mast	TFM480	4800		2780		5800		6170		1780		1410			625	630	635	6	6	4500	5500	6200			
	TFM500	5000		2880		6000		6370		1880		1510			625	630	635	6/3	6	4500	5500	6200			
	TFM540	5400		3005		6400		6770		2005		1630			625	630	635	3	6	4400	5300	6000			
	TFM600	6000		3305		7000		7370		2305		1930			625	630	635	3	6	4200	5000	5500			
	TFM650	6500		3530		7500		7870		2530		2155			625	630	635	3	6	3900	3650	5100			



5.0T Load Chart



6.0T Load Chart

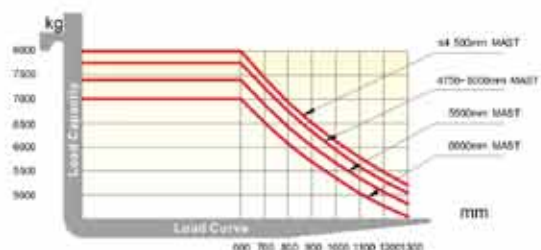


7.0T Load Chart

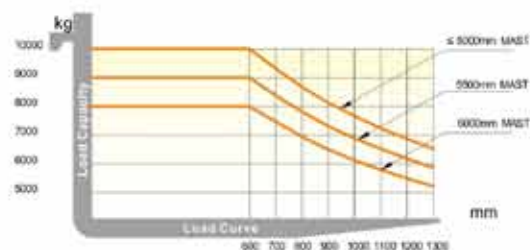
— 5000mm MAST
— 5000mm MAST
— 6000mm MAST

S Series Diesel Forklift 8-10T

General	1	Model			FD80T		FD100T		
	2	Power type				Diesel			
	3	Rated capacity			kg	8000		10000	
	4	Load centre			mm	600		600	
Characteristic&Dimension	5	Lift height			mm	3000		3000	
	6	Free lift height			mm	210		210	
	7	Fork size		L×W×T	mm	1220×175×80		1220×175×80	
	8	Fork regulating range		Min./Max.	mm	435/2100		435/2100	
	9	Mast tilt angle		F/R	Deg	6°/12°		6°/12°	
	10	Front overhang			mm	718		718	
	11	Rear overhang			mm	740		740	
	12	Min. ground clearance(Bottom of mast)			mm	250		250	
	13	Overall dimensions	Length to face of fork (without fork)		mm	4260		4260	
	14		Overall width		mm	2248		2248	
	15		Mast lowered height		mm	2850		2850	
	16		Mast extended height		mm	4230		4230	
	17		Overhead guard height		mm	2550		2550	
	18	Turning radius(outside)			mm	3900		3900	
	19	Min. right angle stacking aisle width (add load length and clearance)			mm	3540		3540	
	Performance	20	Speed	Travel(Unladen)		km/h	21/26		21/26
		21		Lifting(Laden)		mm/sec	340		310
		22		Lowering(Laden)		mm/sec	400		400
		23	Max. Drawbar pull(Laden)		KN	58		58	
24		Max. Gradeability(Laden)		%	20		20		
Tyre	25	Tyre	Front		9.00-20-14PR		9.00-20-14PR		
	26		Rear		9.00-20-14PR		9.00-20-14PR		
	27	Tread	Front	mm	1600		1600		
	28		Rear	mm	1700		1700		
	29	Wheelbase			mm	2800		2800	
Weight	30	Self weight			kg	11520		12830	
	31	Weight Distribution	Laden	Front Axle	kg	17200		20380	
	32			Rear Axle	kg	2320		2220	
	33		Unladen	Front Axle	kg	5100		5700	
	34			Rear Axle	kg	6420		6900	
Power& Transmission	35	Battery		Voltage/Capacity	V/Ah	2×12/80			
	36	Transmission	Manufacture			China			
	37		Type			hydraulic			
	38		Stage	F/R		2/2			
	39	Operating pressure(For attachments)			Mpa	19.5			



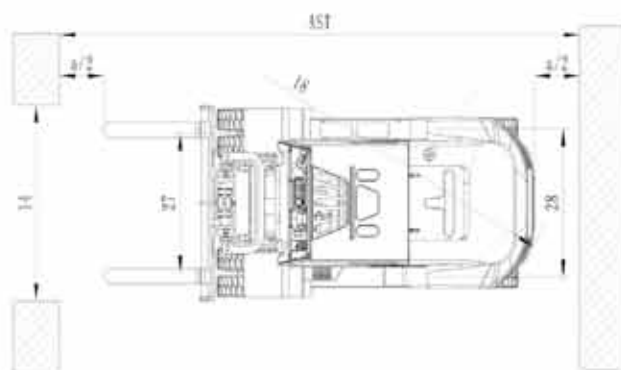
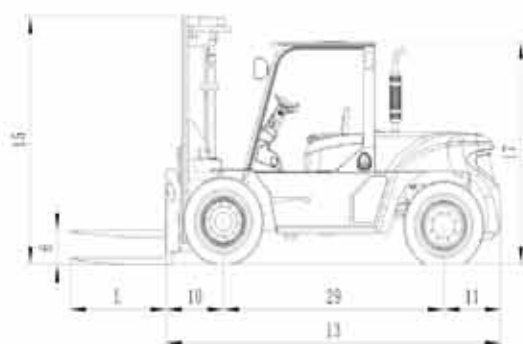
8.0T Load Chart



10T Load Chart

Mast Specification 8-10T

Type	Model	Max. fork height	Overall height								Free Lift				Front Overhang		Tilt Range		Capacity	
			Lowered		Extended				Without Backrest		With Backrest		81	101	FWD	BWD	Load Capacity At 1000mm			
					Without Backrest		With Backrest													
			81	101	81	101	81	101	81	101	81	101	81	101	mm	mm	Deg	Deg	kg	kg
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg			
Wide view 2-stage mast	M330	3000	-	-	-	-	-	-	-	-	-	-	-	-	6	12	-	-		
	M350	3500	3100	3100	4730	4730	-	-	210	210	-	-	718	718	6	12	8000	10000		
	M375	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12	-	-		
	M400	4000	3400	3400	5230	5230	-	-	210	210	-	-	718	718	6	12	8000	10000		
	M425	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12	-	-		
	M450	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	-	-		
	M500	5000	3800	3800	6230	6230	-	-	210	210	-	-	718	718	6	6	8000	10000		
	M550	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	-	-		
	M600	6000	4450	4450	7230	7230	-	-	210	210	-	-	718	718	3	6	7000	8000		
Full view 3-stage mast	TFM450	4500	2850	2850	5630	5630	-	-	1570	1570	-	-	783	783	6	12	7400	8300		
	TFM480	4800	3000	3000	6080	6080	-	-	1720	1720	-	-	783	783	6	6	6000	6700		
	TFM500	5000	3100	3100	6280	6280	-	-	1820	1820	-	-	783	783	6	6	6750	6700		
	TFM540	5400	3225	3225	6680	6680	-	-	1945	1945	-	-	783	783	3	6	6400	8000		
	TFM600	6000	3525	3525	7280	7280	-	-	2245	2245	-	-	783	783	3	6	6000	7000		



ISUZU

Type: 5WFS
Model: A6B10C
Rated output: 52.4kw/2000rpm
Rated torque: 416.8N.m/1400-1800rpm
No. of cylinder: 6
Bore x Stroke: 105 x 120mm
Displacement: 6.784L



CUMMINS

Type: 5W03
Model: QSF3.8
Rated output: 68kw/2200rpm
Rated torque: 470N.m/1100-1700rpm
No. of cylinder: 4
Bore x Stroke: 102 x 115mm
Displacement: 3.76L



CUMMINS

Type: 5W13
Model: QSB4.3
Rated output: 80.9kw/2200rpm
Rated torque: 488N.m/1600rpm
No. of cylinder: 4
Bore x Stroke: 107 x 124mm
Displacement: 4.5L



CHAOCHIA

Type: 50435
Model: 6102BQ-335
Rated output: 55kw/2000rpm
Rated torque: 402N.m/1400-1800rpm
No. of cylinder: 6
Bore x Stroke: 102 x 115mm
Displacement: 6.785L





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Tel.: 0664/38 22 657

office@wst-stapler.at

www.wst-stapler.at

Hangzhou Samuk Forklift Co.,Ltd

Address No.1,Jinxin Rd,Lushan
Industrial Area,Fuyang, Hangzhou, China

Tel 0086 571 28001565

Fax 0086 571 28001565

Email sales@samuklift.com



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