

SAMUK

S Series Forklift



4-wheel Electric Forklift 1.5-3.5T





SAMUK IDEAL FOR LIFTING

Samuk brand is originated from United Kingdom since 1996. Samuk focuses 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.

Since year 2000, Samuk transferred 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 OEM 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.



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



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



- ◀ **Emergency power-off switch:**
The emergency switch ensures the safety of operation during emergency situation and it also protects the electric system while in storage.

- ◀ **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.



- ◀ **Seat sensing safety system:**
The intelligent safety system ensures the operator and forklift in a safety condition.



- ◀ **Easy maintenance of controller:**
The controller installed on a top position of the counterbalance with an overhead cover which can protect the controller and convenient for maintenance.



- ◀ **Steel side plate:**
Both right & left side plates are made of steel, it increase the forklift strength, also be higher for versatility.



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



<< Wide view for operator



<< **ZAPI ACE2 controller + AC system:**

ZAPI controller with AC system with intelligent torque control uses regenerative braking in both forward and reverse direction. It delivers sensitive response, low maintenance, noise and accurate speed control, overheat & short circuit protection.

<< **Drive & pump motors:**

The AC motors without brush, commutator and rotor coil, it is high efficient and maintenance free.



<< **Power supply:**

High capacity and durable battery provides continuous electric power to the daily operation, it's less self-discharge, shock resistance, long service life and convenient maintenance. German battery and automatic watering system are optional.



<< **Lifting system:**

There is throttle safety device installed for the pipeline system to ensure the mast in a safety condition even if pipeline ruptures. The lifting cylinder comes with down buffer device to avoid the shocks of mast descending during the termination phase.

SAMUK ELECTRIC FORKLIFT SPECIFICATIONS:

Specification	1	Model			FB15-SJZ		FB18-SJZ	FB20-SJZ		FB25-SJZ	FB30-SJZ		FB35-SJZ
	2	Rated capacity			kg	1500		1800	2000		2500	3000	3500
	3	Load centre			mm	500			500			500	
	4	Lifting height			mm	3000			3000			3000	
	5	Free lifting height			mm	135			160			165	170
	6	Fork size		T×W×L	mm	35×100×920			40×122×1070			45×125×1070	
	7	Tilting angle		F/R (α°/β°)	Deg	6/12			6/12			6/12	
Dimensions	8	Overall Dimension	Length (to forkface)	mm	2140	2185	2375	2400	2615	2670			
	9		Width	mm	1080		1150	1230					
	10		Height when mast lowered	mm	2015		2010	2075	2075				
	11		Height when mast extended	mm	3984		3990	4100	4100				
	12		Height to safeguard	mm	2130		2110	2150					
	13	Turning radius	Min.	mm	1956	1993	2080	2100	2280	2335			
	14	Front overhang			mm	400		460	485				
	15/16	Tread	F/R	mm	890/920		960/950	1000/980					
	17	Ground clearance	Min.	mm	110		130	130					
	18	Wheelbase			mm	1380		1500	1680				
	19	Fork spread	Min./Max.	mm	200/890		250/1040	250/1100					
20	Working aisle width with pallet(Ast)*	1000×1200 crossways	mm	3556	3593	3810	3830	4035	4090				
21		800×1200 lengthways	mm	3756	3793	3940	3960	4165	4220				
Performance	22	Speed	Travel(Laden)	km/h	13		11		12				
	23		Travel(Unladen)	km/h	13		12.5		13				
	24		Lifting(Laden)	mm/s	290		290		250				
	25		Lifting(Unladen)	mm/s	440		440		400				
	26	Gradeability	Laden	%	15		15		15				
	27		Unladen	%	15		15		15				
	28	Service weight	Include battery box	kg	2950	3230	4130	4300	5060	5380			
Driven	29	Tyre	Front×2	6.50-10-10PR		7.00-12-12PR		28×9-15-12PR					
	30		Rear×2	5.00-8-8PR		18×7-8-14PR		18×9-8-14PR					
	31	Motor	Driven motor	kw	7.5		11		12				
	32		Pump motor	kw	9.2		11		12				
	33	Battery	Standard(Optional)	V/Ah	48/450		48/600		80/500				
	34	Controller	Type	AC		AC		AC					
	35		Manufacturer	ZAPI		ZAPI		ZAPI					
	36	Operating pressure for attachment			Mpa	14.5		17.5		17.5			



SAMUK 1.5-1.8T FORKLIFT

Type	Model	Max fork height	Overall height								Freelift		Front overhang		Tilt range		Capacity	
			Lowered		Extended				Without backrest	With backrest	Without backrest	With backrest	1.5t	1.8t	FWD	BWD	Load capacity at 500mm	
					Without backrest		With backrest										Single tyre	
					1.5t	1.8t	1.5t	1.8t									1.5t	1.8t
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg				
Wide view 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		
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		
	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		
Full free 3 stage mast	TFM540	5400	2390	2390	5913	5913	6384	6384	1795	1405	400	400	3	6	900	1000		
	TFM600	6000	2615	2615	6513	6513	6984	6984	2020	1630	400	400	3	6	450	550		

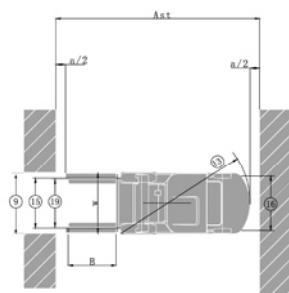
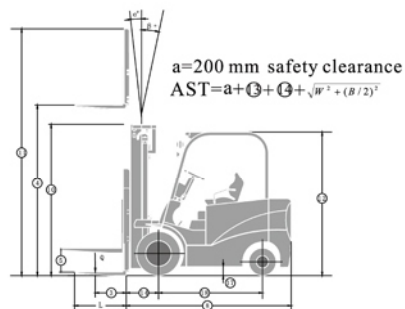
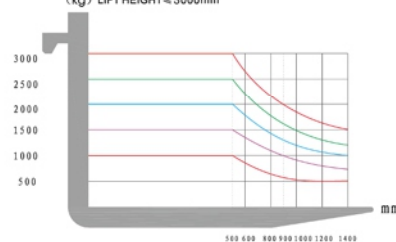
SAMUK 2.0-2.5T FORKLIFT

Type	Model	Max fork height	Overall height								Freelift		Front overhang		Tilt range		Capacity	
			Lowered	Extended						Without backrest	With backrest	2t	2.5t	FWD	BWD	Load capacity at 500mm		
				Without backrest				With backrest								Single tyre		
				Without backrest		With backrest		2t	2.5t									
				mm	mm	mm	mm	mm	mm							kg	kg	
Wide view 2 stage mast	M200	2000	1510	1510	2575	2575	2990	2990	160	160	476	476	6	12	2000	2500		
	M250	2500	1760	1760	3075	3075	3490	3490	160	160	476	476	6	12	2000	2500		
	M300	3000	2010	2010	3575	3575	3990	3990	160	160	476	476	6	12	2000	2500		
	M330	3300	2160	2160	3875	3875	4290	4290	160	160	476	476	6	12	2000	2500		
	M350	3500	2260	2260	4075	4075	4490	4490	160	160	476	476	6	12	2000	2500		
	M370	3700	2360	2360	4275	4275	4690	4690	160	160	476	476	6	6	2000	2500		
	M400	4000	2560	2560	4575	4575	4990	4990	160	160	476	476	6	6	2000	2500		
	M425	4250	2685	2685	4825	4825	5240	5240	160	160	476	476	6	6	1850	2300		
	M450	4500	2810	2810	5075	5075	5490	5490	160	160	476	476	6	6	1600	2100		
	M500	5000	3060	3060	5575	5575	5990	5990	160	160	476	476	6	6	1200	1600		
	M550	5500	3360	3360	6075	6075	6490	6490	160	160	476	476	3	6	950	1200		
	M600	6000	3610	3610	6575	6575	6990	6990	160	160	476	476	3	6	800	900		
Full free 2 stage mast	FM250	2500	1760	1760	3090	3090	3490	3490	1170	770	490	490	6	12	2000	2500		
	FM300	3000	2010	2010	3590	3590	3990	3990	1420	1020	490	490	6	12	2000	2500		
	FM330	3300	2160	2160	3890	3890	4290	4290	1570	1170	490	490	6	12	2000	2500		
	FM350	3500	2260	2260	4090	4090	4490	4490	1670	1270	490	490	6	6	2000	2500		
	FM370	3700	2360	2360	4290	4290	4690	4690	1770	1370	490	490	6	6	2000	2500		
	FM400	4000	2560	2560	4590	4590	4990	4990	1970	1570	490	490	6	6	2000	2500		
Full free 3 stage mast	TFM435	4350	2010	2010	4867	4867	5340	5340	1390	1020	484	484	6	6	1750	2200		
	TFM450	4500	2060	2060	5017	5017	5490	5490	1440	1070	484	484	6	6	1600	2000		
	TFM480	4800	2160	2160	5317	5317	5790	5790	1540	1170	484	484	6	6	1250	1700		
	TFM500	5000	2260	2260	5517	5517	5990	5990	1640	1270	484	484	6	6	1100	1500		
	TFM540	5400	2385	2385	5917	5917	6390	6390	1765	1395	484	484	3	6	900	1200		
	TFM600	6000	2610	2610	6517	6517	6990	6990	1990	1620	484	484	3	6	700	800		

SAMUK 3.0-3.5T FORKLIFT

Type	Model	Max fork height	Overall height								Freelift				Front overhang		Tilt range		Capacity			
			Lowered		Extended				Without backrest		With backrest		Without backrest		With backrest		3t	3.5t	FWD	BWD	Load capacity at 500mm	
					Single type																	
			3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	Deg	Deg	3t	3.5t				
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg		
Wide view 2 stage mast	M200	2000	1575	1650	2640	2700	3100	3100	165	170	165	170	490	510	6	12	3000	3500				
	M250	2500	1825	1900	3140	3200	3600	3600	165	170	165	170	490	510	6	12	3000	3500				
	M300	3000	2075	2150	3640	3700	4100	4100	165	170	165	170	490	510	6	12	3000	3500				
	M330	3300	2225	2300	3940	4000	4400	4400	165	170	165	170	490	510	6	12	3000	3500				
	M350	3500	2325	2400	4140	4200	4600	4600	165	170	165	170	490	510	6	12	3000	3500				
	M370	3700	2425	2500	4340	4400	4800	4800	165	170	165	170	490	510	6	6	3000	3500				
	M400	4000	2625	2700	4640	4700	5100	5100	165	170	165	170	490	510	6	6	3000	3300				
	M425	4250	2750	2825	4890	4950	5350	5350	165	170	165	170	490	510	6	6	2850	3200				
	M450	4500	2875	2950	5140	5200	5600	5600	165	170	165	170	490	510	6	6	2600	2900				
	M500	5000	3125	3200	5640	5700	6100	6100	165	170	165	170	490	510	6	6	2100	2400				
	M550	5500	3425	3500	6140	6200	6600	6600	165	170	165	170	490	510	3	6	1700	1800				
	M600	6000	3675	3750	6640	6700	7100	7100	165	170	165	170	490	510	3	6	1300	1400				
Full free 2 stage mast	FM250	2500	1825	1900	3150	3180	3600	3600	1175	1220	725	800	490	520	6	12	3000	3500				
	FM300	3000	2075	2150	3650	3680	4100	4100	1425	1470	975	1050	490	520	6	12	3000	3500				
	FM330	3300	2225	2300	3950	3980	4400	4400	1575	1620	1125	1200	490	520	6	12	3000	3500				
	FM350	3500	2325	2400	4150	4180	4600	4600	1675	1720	1225	1300	490	520	6	6	3000	3500				
	FM370	3700	2425	2500	4350	4380	4800	4800	1775	1820	1325	1400	490	520	6	6	3000	3500				
	FM400	4000	2625	2700	4650	4680	5100	5100	1975	2020	1525	1600	490	520	6	6	3000	3300				
Full free 3 stage mast	TFM435	4350	2075	2150	4950	4990	5450	5450	1475	1510	975	1050	500	515	6	6	2800	3100				
	TFM450	4500	2125	2200	5100	5140	5600	5600	1525	1560	1025	1100	500	515	6	6	2500	2800				
	TFM480	4800	2225	2300	5400	5440	5900	5900	1625	1660	1125	1200	500	515	6	6	2250	2500				
	TFM500	5000	2325	2400	5600	5640	6100	6100	1725	1760	1225	1300	500	515	6	6	2100	2300				
	TFM540	5400	2450	2525	6000	6040	6500	6500	1850	1885	1350	1425	500	515	3	6	1650	1800				
	TFM600	6000	2675	2750	6600	6640	7100	7100	2075	2110	1575	1650	500	515	3	6	1200	1300				

Load Chart
(kg) LIFT HEIGHT ≤ 3000mm





ALIGATORR Automotive spol. s r. o.
Bojná 709, 956 01 Bojná
Slovenská republika

IČO: 47 525 169
IČ DPH: SK2023945539



Výhradný distribútor
pre Slovenskú republiku!



KONTAKTUJTE
NÁS...

www.aligatorr.sk



servis@aligatorr.sk
obchod@aligatorr.sk

Info: +421 911 137 811
+421 948 848 589
Servis: +421 905 285 408

predaj » prenájom » servis vysokozdvížných vozíkov

SAMUK