

**SAMUK**

# 1.5-3.5T Diesel Forklift

(ISUZU/MITSUBISHI/YANMAR/XINCHAI)



**HANGZHOU SAMUK FORKLIFT CO.,LTD**

# SAMUK FORKLIFT SPECIFICATION

## S series 1.5-3.5t Diesel Forklift Specification

General			FD15T	FD20T	FD25T	FD30T	FD35T		
1	Model		FD15T	FD20T	FD25T	FD30T	FD35T		
2	Rated capacity	kg	1500	2000	2500	3000	3500		
3	Load center	mm	500	500	500	500	500		
4	Lift height	mm	3000	3000	3000	3000	3000		
Characteristics&Dimension									
5	Front overhang	mm	400	475	475	490	501		
6	Rear Overhang	mm	465	485	544	519	623		
7	Mast tilt angle	F/R Deg	6/12	6/12	6/12	6/12	6/12		
8	Fork	L×W×T	mm	920×100×35	1070×100×45	1070×122×40	1070×125×45	1070×130×50	
9		Regulating range	mm	200-890	250-1000	250-1000	250-1060	260-1060	
10	Mast width	Outer width of steel channel	mm	660	720	720	720	720	
11	Min. ground clearance (Bottom of mast)	Unladen	mm	130	125	125	145	145	
12		Laden	mm	120	115	115	130	130	
13	Min. ground clearance (Bottom of frame)	Unladen	mm	130	130	130	155	155	
14		Laden	mm	120	120	120	145	145	
15	Overall demensions	Overall length (without forks)	mm	2255	2560	2620	2680	2804	
16		Overall width	mm	1070	1150	1150	1210	1210	
17		Overall height	Overhead guard height	mm	2110	2180	2180	2205	2205
18			Mast	mm	2015	2010	2010	2075	2150
19			Mast extended height	mm	3984	3990	3990	4100	4100
20	Min. turning radius	mm	2040	2180	2230	2450	2520		
21	Wheelbase	mm	1400	1600	1600	1700	1700		
22	Traction pin height from the ground	mm	190	250	250	480	480		
23	Lowered seat to overall guard inside height	mm	1100	1100	1100	1100	1100		
24	Tyre pressure	Front	MPa	0.79	0.86	0.86	0.97	0.97	
25		Rear	MPa	0.7	0.86	0.86	0.79	0.79	
26	Tread	Front	mm	890	970	970	1000	1000	
27		Rear	mm	920	980	980	970	970	
28	Tyre center height from the ground	Laden	Front	mm	300	310	330	330	
29			Rear	mm	235	265	280	280	
30		Unladen	Front	mm	290	320	320	345	
31			Rear	mm	220	250	260	260	
Performance									
32	Speed	Travel (Unladen/Laden)	km/h	14.5	18/17.5	18/17.5	19/18	19/18	
33		Lifting(Unladen/Laden)	mm/sec	480/460	640/610	640/610	550/520	430/410	
34		Lowering(Unladen/Laden)	mm/sec	450/480	380/420	380/420	380/400	380/400	
35	Max.Drawbar pull (Unladen/Laden)	KN	16/18	15/17	15/17	15/17	15/17		
36	Max.Gradeability (Unladen/Laden)	%	20	20	20	20	18		
37	Ramp parking brake	%	15	15	15	15	15		
38	Braking distance	m	≤6	≤6	≤6	≤6	≤6		
39	System pressure	MPa	14.5	20	20	20	20		
Weight									
40	Self weight	kg	2590	3300	3590	4300	4680		



### MITSUBISHI

Type:SWV3  
Model:S4S (EuIII/EPAIII)  
Rated output:36.8kw/2300rpm  
Rated torque:  
182N·m/1800rpm  
No. of cylinder:4  
Bore×Stroke:94×120mm  
Displacement:3.331L



### YANMAR

Type:SWE3  
Model:4TNE98(EuIII/EPAIII)  
Rated output:42.1kw/2300rpm  
Rated torque:  
186-206N·m/1700rpm  
No. of cylinder:4  
Bore×Stroke:98×110mm  
Displacement:3.318L



### ISUZU

Type:SWB3  
Model:C240-PKJ30 (EuIII)  
Rated output:34.6kw/2500rpm  
Rated torque:139N·m/1800rpm  
No. of cylinder:4  
Bore×Stroke:86×102mm  
Displacement:2.369L

Load Chart

