

SHANTUI

Internal Combustion Forklift

1.5 - 3.5T (Gasoline/LPG)

G series

SHANTUI

Shantui Construction Machinery Co., Ltd.

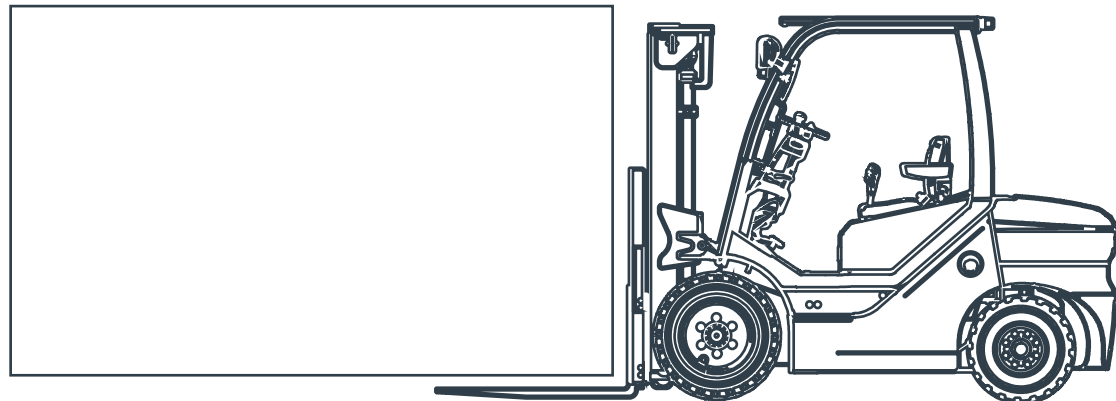
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SPECIFICATIONS

COMFORT

The luxury operators compartment with floating overhead guard has low vibration . Rain protection and adjustable steering wheel provide a high level all-round driving experience.

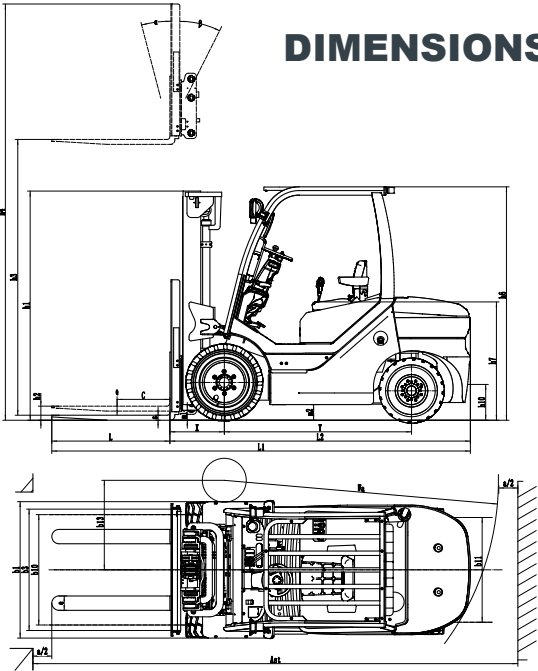


SAFETY

The special design of the rear overhead guard provides excellent visibility. The rear had grip with horn ensures stability and safety.

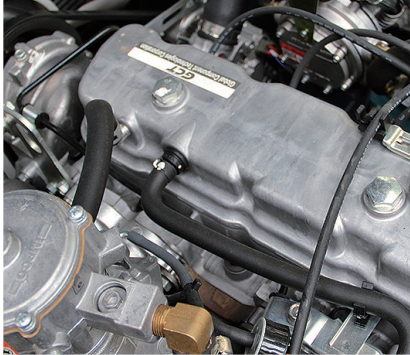


DIMENSIONS



PERFORMANCE

Japanese GCT K21/25 engines combined with KION transmission results in maximum productivity.



SERVICEABILITY

All components are easily accessible for routine maintenance.



ERGONOMY

Side operation levers fitted as standard with American brand control valve ensure precise lifting and lowering performance.



		ITEM DESCRIPTION	UNIT	DESIGN VALUE					
				SFG15	SFG18	SFG20	SFG25	SFG30	SFG35
Characteristic	1.1	Manufacturer		SHANTUI	SHANTUI	SHANTUI	SHANTUI	SHANTUI	SHANTUI
	1.3	Power Type Battery, Diesel, Gasoline, LPG, Network Power(Electric)		Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
	1.4	Operation Type Hand, Stand on, Driver seated		Seated	Seated	Seated	Seated	Seated	Seated
	1.5	Load Capacity	Q (Kg)	1500	1800	2000	2500	3000	3500
	1.6	Load Center	C (mm)	500	500	500	500	500	500
	1.8	Axle Center to Fork Face	X (mm)	435	435	435	484	484	484
	1.9	Wheel Base	Y (mm)	1500	1500	1500	1700	1700	1700
Weights	2.1	Operation Weight	Kg	2960	3108	3213	3920	4220	4680
	2.2	Axle Weight With Rated Load Front/Rear	Kg	4014/446	4417/491	4692/521	5780/640	6380/840	7180/1000
	2.3	Axle Weight Without Load Front/Rear	Kg	1184/1776	1243/1865	1285/1928	1570/2350	1680/2540	1550/3130
Wheels	3.1	Tyres SE= Super Elastic ,PN=(Pneumatic)		PN	PN	PN	PN	PN	PN
	3.2	Tyres Size, Front		6.50-10-14PR	6.50-10-14PR	6.50-10-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
	3.3	Tyres Size, Rear		5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.6	Front Track Width	b10 (mm)	940	940	940	1000	1000	1000
	3.7	Rear Track Width	b11 (mm)	920	920	920	970	970	970
Dimensions	4.1	Mast Lift, Forward/Backward	/ (°)	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
	4.2	Height of Mast, Lowered	h1 (mm)	2002	2002	2002	2080	2080	2230
	4.3	Free Lift	h2 (mm)	128	128	128	145	145	145
	4.4	Lift Height	h3 (mm)	3000	3000	3000	3000	3000	3000
	4.5	Height of Mast, Extended	h4 (mm)	4040	4040	4040	4050	4273	4273
	4.7	Height of Overhead Guard Cabin	h6 (mm)	2065	2065	2065	2108	2108	2108
	4.8	Seat Height	h7 (mm)	1010	1010	1010	1085	1085	1085
	4.12	Drawbar Height	h10 (mm)	220	220	220	300	300	300
	4.19	Overall Length	L1 (mm)	3432	3466	3490	3735	3785	3885
	4.20	Length to Face of Forks	L2 (mm)	2362	2396	2420	2665	2715	2815
	4.21	Overall Width	b1 (mm)	1177	1177	1177	1225	1225	1296
	4.22	Fork Arms Dimension to DIN ISO2331	s/e/l (mm)	35/120/1070	35/120/1070	40/122/1070	45/120/1070	45/125/1070	45/130/1070
	4.23	Fork Carriage in Compliance With ISO 2328 Class/Forma,B		A	A	A	A	A	A
	4.24	Fork Carriage Width	b3 (mm)	1040	1040	1040	1040	1100	1100
	4.31	Ground Clearance Below Mast With Load	m1 (mm)	110	110	110	135	135	135
	4.32	Ground Clearance Centre of Wheelbase With Load	m2 (mm)	105	105	105	140	140	140
	4.34.1	Working Aisle Width With Pallet 1000×1200 1200 Across Forks	Ast (mm)	3795	3815	3835	4124	4144	4224
	4.34.2	Working Aisle Width With Pallet 800×1200 1200 Along Forks	Ast (mm)	3995	4015	4035	4324	4344	4424
	4.35	Turning Radius	Wa (mm)	2160	2180	2200	2440	2460	2540
	4.36	Turning Point Minimum Distance From The Truck Center Line	b13 (mm)	-	-	-	810	810	810
Performance	5.1	Travel Speed With/Without Load	km/h	16/16	15/16	15/16	18/19	18.5/19	18/19
	5.2	Lifting Speed With/Without Load	mm/s	461/630	457/669	589/624	316/454	370/458	338/478
	5.3	Lowering Speed With/Without Load	mm/s	381/421	403/405	519/531	469/424	466/383	459/380
	5.5	Drawbar Pull Tractive Effort (At2Km/H) With/Without Load	KN	20/10	20/8	20/8	17/13	15/10	16/10
	5.7	Gradeability (At2Km/H) With/Without Load	%	20	20	20	20	20	20
	5.10	Service Brake		Mechanical/Hydraulic					
Drive	7.1	Enginel Manufacturer/Engine Type		GCT K21	GCT K21	GCT K21	GCT K25	GCT K25	GCT K25
	7.2	Engine Power in Compliance With ISO 1585	Kw	32.3	32.3	32.3	37.4	37.4	37.4
	7.3	Rated Number of Revolutions	/min	2400	2400	2400	2400	2400	2400
	7.4	Cylinder Number/Displacement	cm	4/2095	4/2095	4/2095	4/2488	4/2488	4/2488
	7.5	Fuel Consumption in Compliance With VDI-Cycl	l/h	4.1	4.21	4.32	3.6	3.8	4
	7.9	On-Board Voltage	V	12	12	12	12	12	12
	8.1	Drive Control Type		Electron Hydraulic					
Others	10.1	Working Pressure For Attachments	bar	-	-	-	-	-	-
	10.2	Oil Flow For Attachments	l/min	-	-	-	-	-	-
	10.4	Volume Fuel Tank	l/kg	45/37	45/37	45/37	45/37	45/37	45/37
	10.7	Noise Level At Operator'S Ear to EN12053	dB (A)	105	105	106	107	107	107
	10.8	Drawbar Model/Type DIN 15170		Pin	Pin	Pin	Pin	Pin	Pin