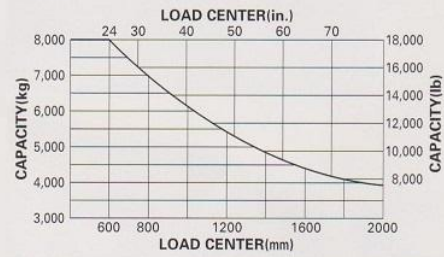


Specifications

	Model	FD80
Characteristics	1 Capacity	8000 (18,000)
	2 Power Type	Diesel
	3 Tyre Type	Pneumatic
	4 Operator Type	Sitting
	5 Wheel (*=driven)	4*/2
Dimensions	6 Lift	3000 (118)/220 (8.7)
	7 Forks	65 × 170 × 1220 (2.5 × 6.7 × 48.0)
	8 Forks Opening Range	1800/340 (70.9/13.4)
	9 Tilting Angle	6/12
	10	2610 (102.7)
	11 Overall	3875 (152.5)
	12 Dimensions	2120 (83.5)
	13	2710 (106.7)
	14	4350 (171.2)
	15 Turning Radius	3600 (141.7)
Performance	16 Load Distance	675 (26.6)
	17 Right Angle Stacking Aisle	5695 (224.2)
	18	12.0 (7.5)
	19	28.0 (17.4)
	20 Speeds	12.0 (7.5)
	21	32.0 (19.9)
	22	455/500 (90/98)
	23	450/500 (89/98)
	24 Max. Drawbar Pull	67 (15,000)
	25 Grade ability	39
Weights	26 Service Weight	10870 (23,960)
	27	16820/2050 (37,080/4,520)
	28 Axle Loading	4740/6130 (10,450/13,510)
	29 Tyre Size	9.00-20-12PR(I)/9.00-20-12PR(I)
Chassis & Wheels	30 Wheelbase	2500 (98.4)
	31 Tread	1540/1700 (60.6/66.9)
	32 Ground Clearance	250 (9.8)
	33	335 (13.2)
	34 Brakes	Hydraulic, Powered/Mechanical
	35 Steering	Power Steering
Drive	36 Battery	24/56
	37	KOMATSU S6D102E
	38	96 (130) @2250
	39 Internal	431 (318) @1600
	40 Combustion	6/5880 (359)
	41 Engine	102 × 120 (4.0 × 4.7)
	42	140 (37)
	43	Cyclone
	44 Clutch	Torque Converter
	45 Transmission	TORQFLOW
46 Hydraulic	181 (2,630)/ 70 (18)	

FD80



Capacities shown are for trucks equipped with 2-stage view mast up through 5000mm (197in.) maximum fork height, 1800mm(70.9in.) carriage, 1220mm(48in.) forks. Contact your distributor or dealer for capacity information with other equipment.

Maximum fork height mm(in)	Overall height mm (in)		Load* capacity kg (lb)	Free lift mm (in) B	Back tilt restriction β
	Lowered J	Extended K			
2-stage view mast**					
3000 (118)	2710(106.7)	4350(171.3)	8000 (17,640)	220(8.7)	12°
3500 (138)	2960(116.5)	4850(190.9)			
4000 (157)	3210(126.4)	5350(210.6)			
4500 (177)	3560(140.2)	5850(230.3)			
5000 (197)	3910(153.9)	6350(250.0)			
5500 (217)	4260(167.7)	6850(269.7)			
6000 (236)	4510(177.6)	7350(289.4)	7500(16,530)		
2-stage full free view mast***					
3000 (118)	2705(106.5)	4180(164.6)	7900(17,420)	1605(63.1)	10°
3300 (130)	2855(112.4)	4480(176.4)		1755(69.1)	
3500 (138)	2955(116.3)	4680(184.3)		1855(73.0)	
4000 (157)	3205(126.2)	5180(203.9)		2105(82.9)	
3-stage full free view mast***					
4000 (157)	2605 (102.6)	5315(209.3)	7200(15,870)	1400(55.1)	6°
4300 (169)	2705 (106.5)	5615(221.1)		1500(59.1)	
4500 (177)	2755(108.5)	5815(228.9)		1550(61.0)	
5000 (197)	2955(116.3)	6315(248.6)		1700(66.9)	
5500 (217)	3155(124.2)	6815(268.3)		1950(76.8)	
6000 (236)	3355(132.1)	7315(288.0)		2150(84.6)	

Standard mast is shown in broad frame.

* Load capacity at 600mm (24in.) load center.

** 1280mm (50.4 in.) height load backrest.

*** Free lift and Overall height (Extended) shown are for truck without load backrest.