

Specifications

Characteristics	1.2	Model	Manufacturer's Designations		2200PD	2500PD	3000PD		
	1.3	Power Type	Electric, Diesel, Gasoline, LPG, Cable		Diesel	Diesel	Diesel		
	1.4	Operation Type	Pedestrian, Drive Standing, Sitting, Order Picking		Sitting	Sitting	Sitting		
	1.5	Rated Capacity	Q	Rated Capacity	kg(lb)	10000(22,000)	11500(25,000)	13500(30,000)	
	1.6	Load Center	c	Rated Load Center	mm(in)	600(24)	600(24)	600(24)	
	1.8	Load Distance	x	Front Axle Center to Fork Face	mm(in)	695(27.4)	715(28.1)	740(29.1)	
	1.9	Wheelbase	y		mm(in)	2800(110.2)	2800(110.2)	3100(122.0)	
	2.1	Service Weight			kg(lb)	12800(28,220)	14200(31,310)	15400(33,950)	
	Weight	2.2	Axle Loading	Loaded	Front	kg(lb)	20720(45,680)	23430(51,655)	26450(58,312)
Rear		kg(lb)			2080(4,586)	2270(5,004)	2450(5,401)		
2.3		Unloaded		Front	kg(lb)	6095(13,440)	6530(14,400)	7115(15,686)	
2.3.2				Rear	kg(lb)	6705(14,780)	7670(16,910)	8285(18,265)	
Tires		3.1		Tire Type			Pneumatic	Pneumatic	Pneumatic
	3.2	Tire Size	Front		9.00-20-14PR(I)	10.00-20-14PR(I)	11.00-20-14PR(I)		
	3.3		Rear		9.00-20-14PR(I)	10.00-20-14PR(I)	11.00-20-14PR(I)		
	3.5	Number of Wheel	Front/Rear(x=driven)		4x/2	4x/2	4x/2		
	3.6	Tread, Front	b10		mm(in)	1700(66.9)	1700(66.9)	1770(69.7)	
	3.7	Tread, Rear	b11		mm(in)	1900(74.8)	1890(74.4)	1890(74.4)	
	Dimensions	4.1	Tilting Angle	α/β	Forward/Backward	degree	6/12	6/12	6/12
4.2		Mast Height, Lowered	h1	with Std. Mast	mm(in)	2890(113.8)	3160(124.4)	3170(124.8)	
4.3		Std. Free Lift	h2	with Std. Mast from Ground	mm(in)	0(0.0)	0(0.0)	0(0.0)	
4.4		Std. Lift Height	h3	with Std. Mast from Ground	mm(in)	3000(118)	3000(118)	3000(118)	
4.5		Mast Height, Extended	h4	with Std. Mast	mm(in)	4400(173.2)	4670(183.9)	4680(184.3)	
4.7		Height, Overhead Guard	h6		mm(in)	2780(109.4)	2800(110.2)	2810(110.6)	
4.19		Length, with Std. Forks	l1		mm(in)	5465(215.2)	5485(215.9)	5860(230.7)	
4.20		Length, to fork face	l2		mm(in)	4245(167.1)	4265(167.9)	4640(182.7)	
4.21		Width, at tire	b1		mm(in)	2280(89.8)	2310(90.9)	2410(94.9)	
4.22		Forks	s/e/l	Thickness/Width/Lengh	mm(in)	75x170x1220(3.0x6.7x48.0)	75x185x1220(3.0x7.3x48.0)	80x185x1220(3.1x7.3x48.0)	
4.23		Fork Carriage Class	ISO 2328, Type A/B/no			Pin Mount	Pin Mount	Pin Mount	
4.24		Width, Fork Carriage	b3		mm(in)	2140(84.3)	2140(84.3)	2200(86.6)	
4.31		Ground Clearance	m1	Under the Mast	mm(in)	250(9.8)	250(9.8)	260(10.2)	
4.32			m2	at the center of wheelbase	mm(in)	325(12.8)	345(13.6)	350(13.8)	
4.33		Right Angle Stacking Aisle	Ast		mm(in)	6115(240.7)	6135(241.5)	6460(254.3)	
4.35	Turning Radius	Wa		mm(in)	4000(157.5)	4000(157.5)	4300(169.3)		
Performance	5.1	Travel Speed(FWD)	Loaded, 1st/2nd/3rd		km/h(mph)	8.5/18/28(5.3/11.2/17.4)	8.5/19/28(5.3/11.8/17.4)	9/19.5/27.5(5.6/12.1/17.1)	
	5.1.1		Unloaded, 1st/2nd/3rd		km/h(mph)	9/20/32(5.6/12.4/19.9)	9/21/32(5.6/13.0/19.9)	9.5/21/32.5(5.9/13.0/20.2)	
	5.2	Lifting Speed	Loaded/Unloaded		mm/s(fpm)	470/500(93/98)	430/450(85/89)	350/375(69/74)	
	5.3	Lowering Speed	Loaded/Unloaded		mm/s(fpm)	400/500(78.7/98.4)	400/500(78.7/98.4)	400/500(78.7/98.4)	
	5.6	Max. Drawbar Pull	Loaded		kN(lb)	112(25,132)	108(24,339)	105(23,677)	
	5.8	Max. Gradeability	Loaded 1.6km/h, 3min rating		%	38	32	28	
	5.10	Service Brake	Operation/Control			Foot/Hydraulic, Powered	Foot/Hydraulic, Powered	Foot/Hydraulic, Powered	
	5.11	Parking Brake	Operation/Control			Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	
	5.12	Steering	Type			Hydraulic Power Steering	Hydraulic Power Steering	Hydraulic Power Steering	
	6.4	Battery	Voltage/Capacity at 5-hour rating		V/Ah	24/100	24/100	24/100	
	Drive	7.1	Maker/Model				ISUZU 6BG1T	ISUZU 6BG1T	ISUZU 6BG1T
		7.2	Rated Output, SAE gross			kW(HP)	119(160)	119(160)	119(160)
7.3		Rated Speed			min ⁻¹	2200	2200	2200	
7.3.1		Max Torque, SAE gross			N-m(lbft)@min ⁻¹	540(398)@1600	540(398)@1600	540(398)@1600	
7.4		No. of Cylinder/Displacement			cm ³ (cu.in)	6/6494(396)	6/6494(396)	6/6494(396)	
Others	7.6	Fuel Tank Capacity			Ltr(US gal)	260(68.7)	260(68.7)	280(74.0)	
	8.2	Relief Pressure for Attachment			bar(psi)	215(3,118)	215(3,118)	215(3,118)	
	8.2.1	Hydraulic Tank Capacity			Ltr(US gal)	150(39.6)	150(39.6)	180(47.6)	
	8.6	Clutch				Torque Converter	Torque Converter	Torque Converter	
	8.7	Transmission				TORQFLOW	TORQFLOW	TORQFLOW	

Specifications are subject to change without notice.

The performance values indicated herein represent nominal values obtained under typical operating conditions.

3300PD	3500PD	1.2	Characteristics	
Diesel	Diesel	1.3		
Sitting	Sitting	1.4		
15000(33,000)	16000(35,000)	1.5	Weight	
600(24)	600(24)	1.6		
750(29.5)	750(29.5)	1.8		
3100(122.0)	3100(122.0)	1.9		
16500(36,380)	17050(37,590)	2.1		
28755(63,390)	30120(66,400)	2.2		
2745(6,052)	2930(6,460)	2.2.1		
7225(15,930)	7155(15,770)	2.3	Tires	
9275(20,450)	9895(21,810)	2.3.2		
Pneumatic	Pneumatic	3.1		
11.00-20-16PR(I)	12.00-20-16PR(I)	3.2		
11.00-20-16PR(I)	12.00-20-16PR(I)	3.3		
4x2	4x2	3.5		
1770(69.7)	1770(69.7)	3.6		
1890(74.4)	1870(73.6)	3.7		
6/12	6/12	4.1		Dimensions
3270(128.7)	3290(129.5)	4.2		
0(0.0)	0(0.0)	4.3		
3000(118)	3000(118)	4.4		
4780(188.2)	4800(189.0)	4.5		
2810(110.6)	2830(111.4)	4.7		
5920(233)	6020(237)	4.19		
4700(185)	4800(189)	4.20		
2410(94.9)	2480(97.6)	4.21		
85x190x1220(3.3x7.5x48.0)	85x210x1220(3.3x8.3x48.0)	4.22		
Pin Mount	Pin Mount	4.23		
2200(86.6)	2200(86.6)	4.24		
250(9.8)	270(10.6)	4.31		
350(13.8)	370(14.6)	4.32		
6520(256.7)	6670(262.6)	4.33		
4350(171.3)	4500(177.2)	4.35		
9/19.5/27.5(5.6/12.1/17.1)	9.5/20/28(5.9/12.4/17.4)	5.1	Performance	
9.5/21/32.5(5.9/13.0/20.2)	10/21.5/33(6.2/13.4/20.5)	5.1.1		
330/350(65/69)	320/345(63/68)	5.2		
450/450(88.6/88.6)	450/450(88.6/88.6)	5.3		
105(23,677)	100(22,487)	5.6		
25	23	5.8		
Foot/Hydraulic, Powered	Foot/Hydraulic, Powered	5.10		
Hand/Mechanical	Hand/Mechanical	5.11		
Hydraulic Power Steering	Hydraulic Power Steering	5.12		
24/100	24/100	6.4	Drive	
ISUZU 6BG1T	ISUZU 6BG1T	7.1		
119(160)	119(160)	7.2		
2200	2200	7.3		
540(398)@1600	540(398)@1600	7.3.1		
6/6494(396)	6/6494(396)	7.4		
280(74.0)	280(74.0)	7.6		
215(3,118)	215(3,118)	8.2	Others	
180(47.6)	180(47.6)	8.2.1		
Torque Converter	Torque Converter	8.6		
TORQFLOW	TORQFLOW	8.7		

Standard Equipment

- Headlights
- Turn signal lamps
- Charge warning lamps
- Safety checker
- Hourmeter
- Fuel gauge
- Torque converter oil temperature gauge
- Water temperature gauge
- Neutral safety switch
- Brake oil pressure warning buzzer
- Engine key stop
- Torque converter oil cooler
- Tilttable steering column
- Hydraulic power brake
- Horn
- Overhead guard
- Drawbar pin
- Cyclonic air cleaner
- Notch-release parking brake



Full-open steps



Notch-release parking brake



Head guard with front/rear gutters



Gas-spring type bonnet stay

