



Z1000 series 4-5 Ton

1. Clear View Mast & Overhead Guard

2. Long Operator Assist Grip

3. Suspension Seat

4. Integral Heavy Duty Chassis

5. Multifunctional Instrument Panel



6. Internal Hidden Tilt Cylinder
Enlarged Operator's Space



*Low Noise, Low Vibration
Suspension Transmission



*High Performance, Low Fuel
Consumption Engine



7. High Mounted Rear Lights
Large Front Lights

8. Adjustable Steering Wheel Column

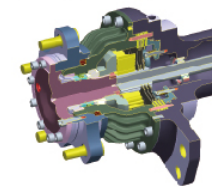
9. Smaller Steering Wheel with
Superior Turning Radius

10. Electric Parking Brake

11. Electric F/R Control Lever

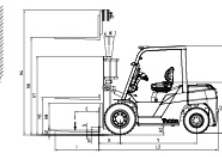
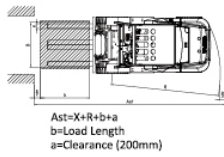
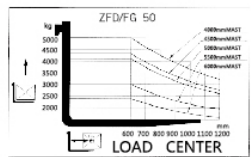
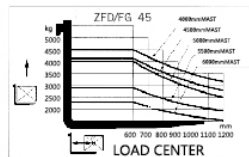
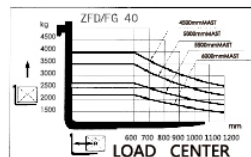
*Low Center of Gravity

*Oil-immersed Disc Brake
*Multi-disc Lutch



CHARACTERISTICS	1 Manufacturer		TAILIFT	TAILIFT	TAILIFT	TAILIFT	TAILIFT	TAILIFT	TAILIFT	TAILIFT	TAILIFT	TAILIFT		
	2 Series		Z1000	Z1000	Z1000	Z1000	Z1000	Z1000	Z1000	Z1000	Z1000	Z1000		
	3 Model		ZFD 40		ZFG 40		ZFD 45		ZFG 45		ZFD 50			
DIMENSIONS	4 Capacity	Q Load	kg		4000		4500		5000		600			
	5 Load center	C Distance	mm		600		600		600		600			
	6 Power type	Electric · Diesel · Gasoline · LPG		Diesel		Diesel		LPG		Diesel		Diesel		
	7 Operation type	Pedestrian · Stand · Sit		mm		Sit		Sit		Sit		Sit		
	8 Tire type	S=Solide,P=Pneumatic		front/rea		P / P		P / P		P / P		P / P		
	9 Wheels (X:driven)	Number		front/rea		2X / 2		2X / 2		2X / 2		2X / 2		
	10 Lift	h3		mm		3000		3000		3000		3000		
	11 Lift at 2-stage mast	h2		mm		0		0		0		0		
	12	h5		mm		1490		1490		1490		1490		
	13 Load bracket	h8		mm		1220		1220		1220		1220		
	14 Fork size	Thickness(s)×Width(e)×Length(l)		mm		50 x 150 x 1220		50 x 150 x 1220		60 x 150 x 1220		60 x 150 x 1220		
	15 Mast tilting angle	Forward(α) / Back(β)		deg		6° / 12°		6° / 12°		6° / 12°		6° / 12°		
	16	L2		mm		3125		3175		3325		3325		
	17	B		mm		1450 / 1680		1450 / 1680		1450 / 1680		1450 / 1680		
	18	h1		mm		2190		2190		2190		2190		
	19 overall dimtions	h4		mm		3855		3855		4235		4235		
	20	h4		mm		4180		4180		4035		4035		
	21	h6		mm		2305		2305		2305		2305		
	22	h7		mm		1312		1312		1312		1312		
	23	b3		mm		1310		1310		1310		1310		
	24 Turning radius	R		mm		2770		2820		2970		2970		
	25 Load distance	X		mm		570		570		570		570		
	26 Aisle width	Ast		mm		4470 / 4670		4520 / 4720		4670 / 4870		4670 / 4870		
	PERFORMANCE	27	travel speed	with load	km/h	19	20	27	19	20	27	19	20	27
				without load	km/h	26	30	29	26	30	29	26	30	29
		28 Speeds	Lift speed	with load	mm/s	450	417	450	440	417	417	400	350	417
without load				mm/s	500	400	500	500	400	423	500	480	400	423
29		Lowering speed	with load	mm/s	450	450	450	450	450	450	450	450	450	
			without load	mm/s	400	400	400	400	400	400	400	400	400	
30 Drawbar pull		with load	N	38656	33810	38670	37961	33810	37975	37696	37696	33810	37710	
		without load	N	28444	21687	23226	23305	21687	21687	23099	23099	21687	21481	
31 Gradeability		with load	%	28	28	28	25	28	28	25	25	26		
		without load	%	23	23	23	23	23	23	20	20	23	23	
32 Service weight			kg	6658	6580	6496	6838	6760	6676	6888	6860	6810	6726	
33 Axle loading	with load	front	kg	9909	9870	9828	10249	10210	10168	10524	10510	10485	10443	
		rear	kg	749	710	668	1089	1050	1008	1364	1350	1325	1283	
	without load	front	kg	2769	2730	2688	2859	2820	2778	2884	2870	2845	2803	
		rear	kg	3889	3850	3808	3979	3940	3898	4004	3990	3965	3923	
CHASSIS	35	number	front/rear		2 / 2		2 / 2		2 / 2		2 / 2			
	36 Tire size	front	mm	300-15-20P.R.		300-15-20P.R.		300-15-20P.R.		300-15-20P.R.		300-15-20P.R.		
		rear	mm	7.00-12-12P.R.		7.00-12-12P.R.		7.00-12-12P.R.		7.00-12-12P.R.		7.00-12-12P.R.		
	37		mm	2000		2050		2200		2200		2200		
	38 Wheelbase	Y		mm	2000		2050		2200		2200		2200	
		Center of tires front(std/dual)		mm	1150(1380)		1150(1380)		1150(1380)		1150(1380)		1150(1380)	
	39 Tread			mm	1190		1190		1190		1190		1190	
		Center of tires rear		mm	140		140		140		140		140	
	40 Ground clearance	m		mm	250		250		250		250		250	
		center of wheelbase		mm	250		250		250		250		250	
41			mm	250		250		250		250		250		
42 Service brake	operation/control			Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		
43 Parking brake	operation/control			electric		electric		electric		electric		electric		
POWER	44 Battery	Type		115E41R	115E41R	115E41R	115E41R	115E41R	115E41R	115E41R	65D26R*2	115E41R	115E41R	
		voltage	V	12	12	12	12	12	12	12	12	12	12	
		capacity	Ah/5hr	88	88	88	88	88	88	88	88	52	88	88
		Dimension	mm	29.6	29.6	29.6	29.6	29.6	29.6	29.6	17.4	29.6	29.6	
	45	Weight	kg	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	260Lx173Wx225H	410Lx173Wx235H	410Lx173Wx235H	
	46	Manufacturer		PERKINS	IMPCO	PERKINS	DEUTZ	PERKINS	DEUTZ	IMPCO	PERKINS	NISSAN	DEUTZ	
47	Model		1104D-44	TD 2.9	G.M. 4.3	1104D-44	TD 2.9	G.M. 4.3	1104D-44	TD-42	TD 2.9	G.M. 4.3		
48	Speed	rpm	2200	2500	2600	2200	2500	2600	2200	2300	2500	2600		
49	Output	Kw	56	55.4	70	56	55.4	70	56	63	55.4	70		
50	cylinders no. /displacement	No./L	4400	2925	4294	4400	2925	4294	4400	4169	2925	4294		
51	Transmission	Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift		

*Specifications subject to change without notice



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CE ISO 9001:2008