



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

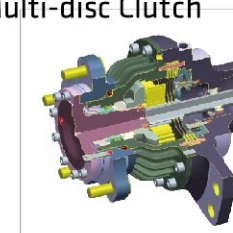
9. Smaller Steering Wheel with
Superior Turning Radius

10. Electric Parking Brake

11. Electric F/R Control Lever

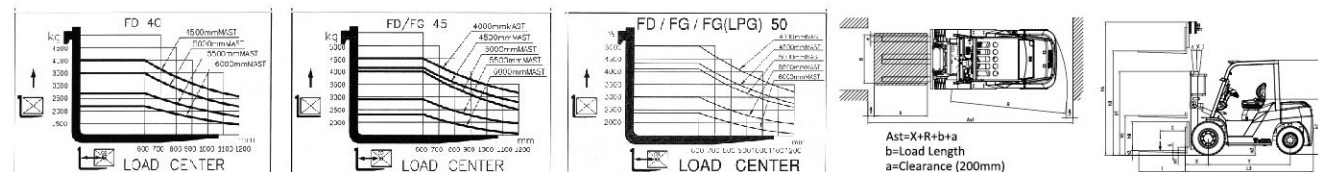
*Low Center of Gravity

*Oil-immersed Disc Brake
*Multi-disc Clutch



CHARACTERISTICS	1 Manufacturer		TAILIFT				TAILIFT				TAILIFT					
	2 Series		Z1000				Z1000				Z1000					
	3 Model		ZFD 40		ZFG 40		ZFD 45		ZFG 45		ZFD 50		ZFG 50			
4 Capacity	Q	Load	kg		4000		4500		4500		5000		5000			
5 Load center	C	Distance	mm		600		600		600		600		600			
6 Power type		Electric, Diesel, Gasoline, LPG	Diesel		Diesel		LPG		Diesel		Diesel		LPG			
7 Operation type		Pedestrian, Stand, Sit	mm		Sit		Sit		LPG		Diesel		Diesel			
8 Tire type		S=Solid, P=Pneumatic	front/rear		P / P		P / P		Diesel		Diesel		LPG			
9 Wheels (X:driven)		Number	front/rear		2X / 2		2X / 2		Diesel		Diesel		LPG			
DIMENSIONS	10 Lift at 2-stage mast	h3	Lift	mm		3000		3000		3000		3000		3000		
		h2	Standard free lift	mm		0		0		0		0		0		
		h5	Optional free lift	mm		1014		1014		962		962		962		
	13 Load bracket	h8	Height of load bracket	mm		1125		1125		1170		1170		1170		
	14 Fork size		Thickness(s) x Width(e) x Length(l)	mm		50 x 150 x 1220		50 x 150 x 1220		60 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°		6° / 12°		
		L2	Length to face of forks	mm		3125		3175		3325		3325		3325		
		B	Total width	mm		1450 / 1680		1450 / 1680		1450 / 1680		1450 / 1680		1450 / 1680		
		h1	Mast height lowered	mm		2210		2210		2210		2210		2210		
		h4	Mast height extended	mm		4180		4180		4235		4235		4235		
	h6	Overhead guard height	mm		2305		2305		2305		2305		2305			
	h7	Seat height	mm		1312		1312		1312		1312		1312			
22 Turning radius	R		mm		2770		2820		2970		2970		2970			
23 Load distance	X	From center of front axle	mm		570		570		570		570		570			
24 Aisle width	Ast	For load 800 x 1200 / 1000x1200	mm		4340 / 4540		4390 / 4590		4540 / 4740		4540 / 4740		4540 / 4740			
PERFORMANCE	25	Travel speed	with load	km/h	19	20	27	19	20	27	19	20	27	19	20	27
			without load	km/h	26	30	29	26	30	29	26	30	29	26	30	29
	26	Lift speed	with load	mm/s	450	400	450	440	400	417	400	417	350	400	417	423
			without load	mm/s	500	417	500	500	417	423	500	480	417	423	423	
	27	Lowering speed	with load	mm/s	450	450	450	450	450	450	450	450	450	450	450	450
			without load	mm/s	400	400	400	400	400	400	400	400	400	400	400	400
	28	Drawbar pull	with load	N	38656	33810	38670	37961	33810	37975	37696	37696	33810	37710	37710	
			without load	N	28444	21687	23226	23305	21687	21687	23099	23099	21687	21481	21481	
29	Gradeability	with load	%	28	25	28	28	25	28	25	28	25	26	26		
		without load	%	23	23	23	23	23	23	20	20	23	23	23		
30 Service weight			kg	6658	6580	6496	6838	6760	6676	6888	6860	6810	6726	6726		
31	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		
32		number	front/rear	2 / 2		2 / 2		2 / 2		2 / 2		2 / 2				
34	Tire size	front	mm	300-15-20P.R.				300-15-20P.R.				300-15-20P.R.				
35		rear	mm	7.00-12-12P.R.				7.00-12-12P.R.				7.00-12-12P.R.				
36	Wheelbase	Y	mm	2000				2050				2200				
37	Tread	Center of tires front	(std/dual)	mm	1150(1380)				1150(1380)				1150(1380)			
		Center of tires rear		mm	1190				1190				1190			
38	Ground clearance	m1	at lowest point	mm	140				140				140			
39		m2	center of wheelbase	mm	205				205				205			
40	Service brake		operation/control	Hydraulic				Hydraulic				Hydraulic				
41	Parking brake		operation/control	Electric				Electric				Electric				
POWER	42	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	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	410Lx173Wx235H	260L x 173W x 225H	410Lx173Wx235H	410Lx173Wx235H	
	43	Weight	kg	28	28	28	28	28	28	28	28	28	28			
	44	Manufacturer		PERKINS	DEUTZ	IMPCO	PERKINS	DEUTZ	IMPCO	PERKINS	NISSAN	DEUTZ	IMPCO			
	45	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			
	46	Speed	rpm	2200	2500	2600	2200	2500	2600	2200	2300	2500	2600			
	47	Output	Kw	56	55.4	70	56	55.4	70	56	63	55.4	70			
	48	Cylinders no. /displacement	No./L	4/4400	4/2925	6/4294	4/4400	4/2925	6/4294	4/4400	6/4169	4/2925	6/4294			
51	Transmission	Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift				
52		stage Fwd./Rev.		1/1				1/1				1/1				

* This is only for reference and not subject to notice in advance if there is any modification.



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