



# 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



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

12. Operator Assist Pedal

\*Low Center of Gravity

6. Internal Hidden Tilt Cylinder  
Enlarged Operator's Space



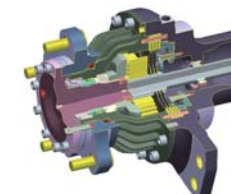
\*Low Noise, Low Vibration  
Suspension Transmission



\*High Performance, Low Fuel  
Consumption Engine

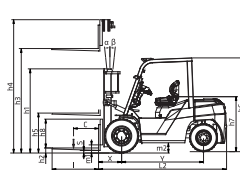
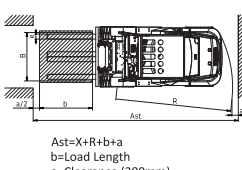
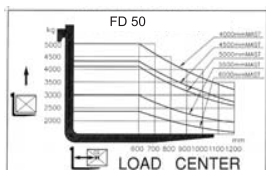
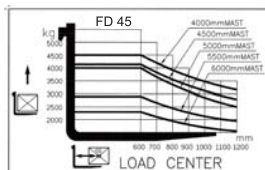
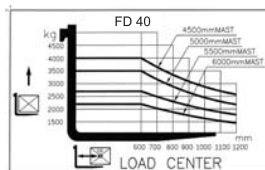


\*Oil-immersed Disc Brake  
\*Multi-disc Clutch



CHARACTERISTICS	1	Manufacturer				TAILIFT		TAILIFT			TAILIFT						
	2	Series				Z1000		Z1000			Z1000						
	3	Model				ZFD 40		ZFD 45			ZFD 50						
	4	Capacity	Q	Load	kg	4000		4500			5000						
	5	Load center	C	Distance	mm	600		600			600						
	6	Power type		Electric · Diesel · Gasoline · LPG		Diesel		Diesel			Diesel						
	7	Operation type		Pedestrian · Stand · Sit	mm	Sit		Sit			Sit						
	8	Tire type		S=Solide,P=Pneumatic	front/rear	P / P		P / P			P / P						
	9	Wheels (X:driven)		Number	front/rear	2X / 2		2X / 2			2X / 2						
DIMENSIONS	10		h3	Lift	mm	3000		3000			3000						
	11	Lift at 2-stage mast	h2	Standard free lift	mm	0		0			0						
	12		h5	Optional free lift	mm	1014		1014			962						
	13		h8	Height of load bracket	mm	1125		1125			1170						
	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						
	15	Mast tilting angle		Forward(α) / Back(β)	deg	6° / 12°		6° / 12°			6° / 12°						
	16		L2	Length to face of forks	mm	3125		3175		3325		3325					
	17		B	Total width std (dual)	mm	1450 (1680)		1450 (1680)		1450 (1680)		1450 (1680)					
	18	overall dimentions	h1	Mast hight lowered	mm	2190		2190		2190		2190					
	19		h4	Mast height extened	mm	4125		4125		4125		4170					
	20		h6	Overhead guard height	mm	2285		2285		2285		2285					
	21		h7	Seat height	mm	1312		1312		1312		1312					
	22		Turning radius	R		mm	2770		2820		2970		2970				
	23		Load distance	X	From center of front axle	mm	570		570		570		570				
	24		Aisle width	Ast	For load 800×1200/1000x1200	mm	4340 / 4540		4390 / 4590		4540 / 4740		4540 / 4740				
PERFORMANCE	25	Speeds	travel speed	with load	km/h	19	25	19	24	21.5	19	21.5	23				
			without load	km/h	26	27	26	26.5	27	26	27	26					
			Lift speed	with load	mm/s	450	400	440	400	480	400	480	400				
	26		without load	mm/s	500	417	500	417	537	500	537	417					
	27		Lowering speed	with load	mm/s	327	327	327	327	327	327	327					
		without load	mm/s	393	393	393	393	393	393	393	393						
28	Drawbar pull		with load	N	38656	33810	37961	33810	37696	37696	37696	33810					
			without load	N	28444	21687	23305	21687	23099	23099	23099	21687					
29	Gradeability		with load	%	28	25	28	25	25	25	25	25					
			without load	%	23	23	23	23	20	20	20	23					
WEIGHT	30	Service weight			kg	6658	6580	6838	6760	6860	6888	6860	6810				
	31	Axle loading	with load	front	kg	9909	9870	10249	10210	10510	10524	10510	10485				
				rear	kg	749	710	1089	1050	1350	1364	1350	1325				
32		without load	front	kg	2769	2730	2859	2820	2870	2884	2870	2845					
			rear	kg	3889	3850	3979	3940	3990	4004	3990	3965					
CHASIS	33		number	front/rear		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		2200				
	37	Tread		Center of tires front (std/dual)	mm	1150(1380)		1150(1380)			1150(1380)						
	38	Ground clearance	m1	Center of tires rear at lowest point	mm	1190		1190			1190						
	39		m2	center of wheelbase	mm	140		140			140						
	40	Service brake		Operation/control		205		205			205						
41	Parking brake		Operation/control		Hydraulic		Hydraulic			Hydraulic							
POWER	42	Battery	Type			115E41R		115E41R		65D26R x 2		115E41R		65D26R*2		115E41R	
	43		voltage		V	12		12		24		12		24		12	
	44		capacity		Ah/5hr	88		88		52		88		52		88	
	45		Dimension (LxWxH)		mm	410x173x235		410x173x235		260x173x225		410x173x235		260x173x225		410x173x235	
	46		Weight		kg	28		28		17.4		28		17.4		28	
	47	Manufacturer			PERKINS	DEUTZ	PERKINS	DEUTZ	GCT	PERKINS	GCT	DEUTZ					
	48	Model			1104D-44	TD 2.9	1104D-44	TD 2.9	TD-42	1104D-44	TD-42	TD 2.9					
	49	Speed		rpm	2200	2500	2200	2500	2300	2200	2300	2500					
	50	Output		Kw	56	55.4	56	55.4	63	56	63	55.4					
	51	cylinders no. /displacement		No./L	4/4400	4/2925	4/4400	4/2925	6/4169	4/4400	6/4169	4/4400					
	52	Transmission		Type		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift	
53			stage Fwd./Rev.	no.	1/1		1/1		1/1		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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