

# Specifications

CHARACTERISTICS				DIESEL ENGINE TRUCK										GASOLINE ENGINE TRUCK											
1 Type of Truck				FD40NT		FD45NT		FD50CNT		FD50NT		FD55NT		FG40NT		FG45NT		FG50CNT		FG50NT		FG55NT			
2 Model				3500		4000		4000		4500		4500		5000		5000		4500		5000		5500			
3 Loading Capacity				kg		3500		4000		4500		4500		5000		5000		4500		5000		5500			
4 Load Center				mm		600		500		600		500		600		500		600		500		600			
PERFORMANCE																									
5 Maximum Fork Height				mm		A		3350				3380				3350				3380					
6 Free Fork Height				mm		B		150				160				150				160					
7 Speeds	Lifting	Loaded	mm/s	550				470				570				490				3380					
		Unloaded	mm/s	610				530				600				520				160					
8 Tilt	Mast	Loaded	mm/s					500																	
		Unloaded	mm/s					6																	
9 Speeds	Travelling	Forward	deg					10																	
		Backward	deg																						
10 Maximum Drawbar Pull	stationary on slope	Loaded	N	37500		36500		37000		26000		38500		28000		37500		27000		27000		30.7			
		Unloaded	N	27000				26500				26000		28000		27500		27000		27000		21.5			
11 Maximum Gradeability	stationary on slope	Loaded	%	44.9		42.5		39.4		37.4		35.5		33.9		32.3		30.1		28.0		26.4			
		Unloaded	%	31.1		29.1		28.0		26.4		25.0		23.8		22.6		20.8		19.4		18.0			
12 Turning Radius	Single	with 1220mm forks	mm	2580		2320		2150		2160		2150		2160		2150		2160		2150		2160			
		with 1220mm forks	mm	4370		4530		4560		4710		4760		4370		4530		4560		4710		4760			
DIMENSIONS																									
15 Overall Length to fork Face				mm		D		3000		3130		3170		3310		3360		3000		3130		3170		3310	
16 Width	with Standard Tires	mm		E		1415				1460				1780		1415		1460							
	with Optional Duals	mm												1965											
	with Special Duals	mm																							
17 Height	with Lowered Mast	mm		F		2320				2400				2250		2320				2400					
	with Extended Mast (with backrest)	mm		G		4570				4590				4570		4570				4590					
	to top of Overhead Guard	mm		H																					
18 Forks (Thickness x Width x Length)				mm		I		50x150x1220				60x150x1220				50x150x1220				60x150x1220					
19 Forks Spread (Out-to-Out Minimum / Maximum)				mm		J						300-1190								300-1190					
20 Front Overhang (Center of Front Axle to Fork Face)				mm		K		577				582				577				582					
21 Wheelbase				mm		L		1850		2000		2150		1850		2000		2150		1850		2000			
22 Tread Width	Front, standard tires	mm		M		1175				1310				1445				1180							
	Front, optional duals	mm																							
	Front, special duals	mm																							
23 Ground Clearance	Rear tires	mm		N		150		227				150		227				150		227					
	at Lowest point mast	mm																							
	at Center of Wheelbase	mm																							
24 Tire Size	Size Front, standard	mm				8.25-15-14PR				300-15-18PR				8.25-15-14PR				300-15-18PR							
	Size Front, Optional dual	mm																							
	Size Front, special dual	mm																							
WEIGHT																									
25 Machine Weight	Powershift (standard)	kg		5920		6330		6850		7300		7640		5860		6270		6780		7240		7570			
	Powershift (optional dual)	kg		6050		6420		6930		7390		7720		5980		6350		6870		7320		7660			
	Powershift (special dual)	kg		6120		6490		7000		7460		7790		6060		6430		6940		7400		7730			
BRAKE																									
26 Service Brake Type				Hydraulic																					
27 Parking Brake Type				Hydraulic																					
POWERTRAIN																									
28 Engine	Model			S6S				TB45																	
	Max. Rated Power / rpm to DIN 70020	kW / rpm		57.5 / 2300				72 / 2300																	
	Max. Rated Torque / rpm to DIN 70020	Nm / rpm		260 / 1700				280 / 1200																	
	Displacement	cc		4995				4500																	
29 Transmission	Type			87		105		87		105															
	Number of Speed							ATM (TORQUE CONVERTER)																	
30 Relief of Pressure	Forward							2																	
	Backward							1																	
30 Relief of Pressure				For Attachments		Mpa						19.1													

