

TCM

F(G)(D)M40~55(C)NT

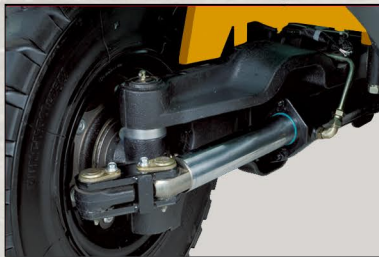
Internal Combustion Pneumatic Tyre Forklift Truck



4.0 - 5.5 Tons
Preliminary Specification Sheet



Drive productivity with comprehensive solutions



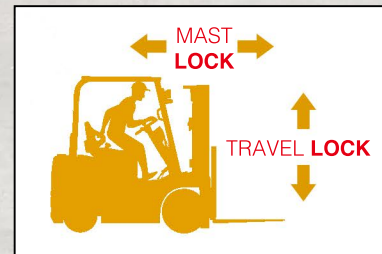
Full Hydraulic Power Steering with Synchronizer

allows for effortless steering of the truck even in the tightest spaces. With the synchronizer, operators can focus more on the job with no additional worries to check if the truck is straight.



Automatic Transmission

consisting of 2-speeds forward and 1-speed reverse automatically switches between the 2 forward gears when the truck is on the move, removing the need for the operator to control the gears manually.



Integrated System for Safety

locks all operations and engages the automatic parking brake when the operator leaves the seat and when the truck is not in motion, preventing accidents from unintended movements.

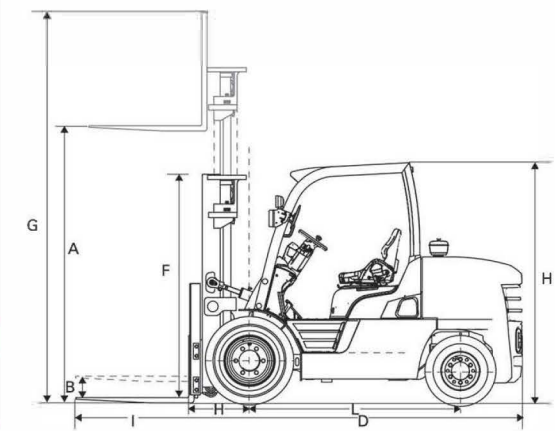
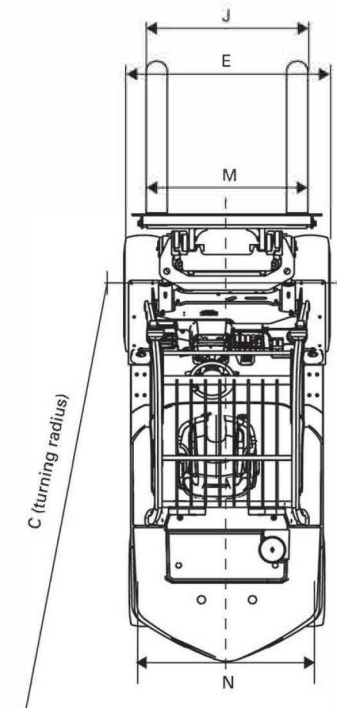


Multi-Functional Digital Display

provides clear, detailed, easy-to-read information such as travel speed, load weight, engine temperature, and other key operating parameters.

Specifications

CHARACTERISTICS				DIESEL ENGINE TRUCK						GASOLINE ENGINE TRUCK																																													
1 Type of Truck				FDM40NT						FDM45NT						FDM50CNT						FDM50NT						FDM55NT																											
2 Model				3500		4000		4000		4500		4500		5000		5000		5500		3500		4000		4000		4500		4500		5000		5000		5500																					
3 Loading Capacity				kg		3500		4000		4000		4500		4500		5000		5000		600		600		600		500		500		600		600																							
4 Load Center				mm		600		500		600		500		600		500		600		600		600		600		500		500		600		600																							
PERFORMANCE				5 Maximum Fork Height				mm A				3350				3360				3350				3360																															
6 Free Fork Height				mm B				150				160				150				160																																			
7 Speeds				Lifting				Loaded				mm/s				550				470				570				490																											
								Unloaded				mm/s				610				530				600				520																											
				Lowering				Loaded				mm/s				500				500																																			
								Unloaded				mm/s				500				6				12																															
8 Tilt				Mast				Forward				deg				6				Backward				deg				12																											
9 Speeds				Traveling				Loaded				km/h				21.5				21.0				22.0				21.5																											
								Unloaded				km/h				22.0				22.5																																			
10 Maximum Drawbar Pull				Stall				Loaded				N				37500				36500				37000				26000				38500				28000				27500				37500											
Drawbar Pull				1.6km/h				Loaded				N				27000				26500				26000				28000				27500				27000																			
11 Maximum Gradeability				stationary on slope				Loaded				%				44.9		42.5		39.4		37.4		35.5		33.9		32.3		30.1		45.8		43.3		40.2		38.1		36.2		34.6		33.0		30.7									
Gradeability				at 1.6km/h				Loaded				%				31.1		29.1		28.0		26.4		25.0		23.8		22.6		20.8		32.0		30.1		28.9		27.2		25.9		24.5		23.3		21.5									
12 Turning Radius				mm C				2580				2730				2760				2890				2940				2580				2730				2760				2890				2940											
13 Practical Intersecting Aisle Width				Single				with 1220m forks				mm				2320				2395				2415				2470				2495				2320				2395				2415				2470				2495			
14 Practical Aisle for Right Angle Stacking				with 1220m 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				3360							
16 Width				with Standard Tires				mm E				1415				1460				1460				1780				1965																											
				with Normal duals (Optional)				mm												1780																																			
				with Special Duals (Optional)				mm												1965																																			
17 Height				with Lowered Mast				mm F				2320				2400				2320				2400																															
				with Extended Mast (with Backrest)				mm G				4570				4590				4570				4590																															
				to Top of Overhead Guard				mm H								2250																																							
				Forks (Thickness x Width x Length)				mm I				50x150x1220				60x150x1220				50x150x1220				60x150x1220																															
19 Fork Spread (Out-to-Out Minimum / Maximum)				mm J												300-1190																																							
20 Front Overhang (Center of Front Axle to Fork Face)				mm K				577				582				602				577				582				602																											
21 Wheelbase				mm L				1850				2000				2150				1850				2000				2150																											
22 Tread Width				Front, standard tires				mm M								1175																																							
				Front, Normal duals (Optional)				mm								1310																																							
				Front, special duals (Optional)				mm								1445																																							
				Rear Tires				mm N								1180																																							
23 Ground Clearance				at Lowest point outer mast				mm								150																																							
				at Center of Wheelbase				mm								227																																							
24 Tire Size				Size Front, standard								8.25-15-14-PR				300-15-18-PR				8.25-15-14-PR				300-15-18-PR																															
				Size Front, Normal dual (Optional)								7.50-16-12-PR				NA				7.50-16-12-PR				NA																															
				Size Front, special dual (Optional)												8.25-15-12-PR																																							
				Rear Tires								7.00-12-12-PR				7.00-12-14-PR				7.00-12-12-PR				7.00-12-14-PR																															
WEIGHT				25 Machine Weight				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				GK45																																							
				Max. Rated Power / rpm to DIN 70020				Kw/rpm				57.5 / 2300				(GAS) 63.9 / 2450 (LPG) 72.1 / 2450																																							
				Max. Rated Torque / rpm to DIN 70020				Nm/rpm				260 / 1700				(GAS) 265 / 1600 (LPG) 288 / 1600																																							
				Displacement				cc				4996				4452																																							
				Fuel Tank Capacity				ℓ				87				105				87				105																															
29 Transmission				Type												ATM (TORQUE CONVERTER)																																							
Number of Speed				Forward												2																																							
				Backward												1																																							
30 Relief Pressure				For Attachments				Mpa								19.1																																							





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<https://www.logisnext.com/en/product/tcm/>

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Note:
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Produced in ISO certified factory.

PRESENTED BY:

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