

FORKLIFT

FD40T9

Brand Model		TCM FD40T9
Characteristics		
Load Capacity	Load Center 500mm	4,500
	Load Center 600mm	4,000
Load Center		600 mm
Power Type		Diesel
Operator Type		Sit Down Rider Type
Tire Type	Front / Rear	Pneumatic
Wheels (X = driven)	Front / Rear	2X/2
Dimensions		
Maximum fork Height		3,000 mm
Free Lift		150 mm
Fork Size	LxWxT	1,070x150x50 mm
Fork Spread (Out side)	Max./Min.	1,290/300
Tilt Range	Fwd/ Bwd	6/12 deg
Length to Fork Face		3,110 mm
Overall Width		1,480 mm
Mast Height Fork Lowered		2,230 mm
Overall Height, Fork Raised		4,265 mm
Overhead Guard Height ***		2,250 mm
Turning Radius (Outside)		2,820 mm
Load Distance (Centerline of front axle to front face to forks)		560 mm
Rear Overhang		550 mm
Basic Right Angle Stacking Aisle Width		4,780 mm
Weight		
Total Weight	Power shift T/M	6,450 kg
	Manual shift T/M	6,410 kg
Weight Distribution (Power shift T/M)	Full Load	Front
		Rear
	No Load	Front
		Rear
Weight Distribution (Manual shift T/M)	Full Load	Front
		Rear
	No Load	Front
		Rear

Performance			
Speeds	Travel Max. fwd/rvs	Power shift T/M	26/19.5 km/h
		Manual shift T/M	19.5/19 km/h
	Lifting	Full Load	540 mm/s
		No Load	580 mm/s
	Lowering	Full Load	500 mm/s
		No Load	550 mm/s
Max. Drawbar Pull		Power shift T/M Full Load	33.3 / 17.6 kN
		Manual shift T/M No Load	21.1/17.6 kN
Max.Gradeability		Power shift T/M Full Load	30/20 %
		Manual shift T/M No Load	16/18 %
Chassis and Wheels			
Tires	Number	Front/ Rear	2/2
	Size	Front	300-15-18PR (i)
		Rear	7.0-12-12PR (i)
	Without Load	Front	2,820 kg
		Rear	3,630 kg
Wheelbase			2,000 mm
Tread		Front	1,195 mm
		Rear	300x15-18PR
Backset Height			1,220 mm
Overhead Guard Clearance			1,020 mm
Counterweight Height			1,320 mm
Drawbar Pin Center Height			320 mm
Floor Height			845 mm
Under clearance		Min Full load	155 mm
		Center of Wheelbase	185 mm
Brake		Service (Foot)	Hydraulic-Foot pedal
		Parking	Mechanical-hand lever
Engine and Transmission			
Battery		Voltage/Capacity (5HR)	2X12 V-60AH
Internal Combustion Engine		Make-Model	Mitsubishi/S6S
		Rated Horsepower /r.p.m	64.7 kW/2,300:
			88PS/2,300
		Rate Torque / r.p.m	284N.m/1,600:
			29kgf.m/1,600
		Number of Cylinder	6 Nm/r.&.m
Transmission		Displacement	4,996 cc
		Fuel Tank Capacity	115 liter
		Number of speed Fwd/Rvs-Type	2/1-Automatic Power shift T/M
Operating pressure		For Attachment	180 kg / cm ²
			2/2- Manual shift T/M