

FORKLIFT

FD70Z8

Brand Model		TCM FD70Z8	
Characteristics			
Loading Capacity		(15,500) kg (lbs)	
Capacity - Fuel Tank		27 amp High	
Load Center		600 mm	
Power Type		Diesel	
Operator Type		Sit Down Rider Type	
Tire Type	Front / Rear	Pneumatic	
Wheels (X = driven)	Front / Rear	4X/2	
Dimensions			
Standard Lifting Height		3,000 mm	
Free Lift		215 mm	
Fork Size	LxWxT	1,220x150x70 mm (48.0x5.9x2.8)	
Tilt Range	Fwd/ Bwd	6/12 deg	
Length to Fork Face		3,600 mm	
Overall Width		1,995 mm	
Mast Height Fork Lowered		2,500 mm	
Overall Height, Fork Raised		4,420 mm	
Overhead Guard Height ***		2,450 mm	
Turning Radius (Outside)		3,360 mm	
Fork Overhang (Centerline of Front Axle to Front Fork Face)		625 mm	
Basic Right Angle Stacking Aisle Width		5,620 mm	

Performance			
Speeds	Travel Max.	With Load	26 km / h
		Without Load	30 km / h
	Lifting	With Load	460 mm / s
		Without Load	550 mm / s
	Lowering	With Load	450 mm / s
		Without Load	500 mm / s
Max. Drawbar Pull		With / without load	52.9 / 21.6
Gradeability at (1.6km/h or 1 mph)			29
Max.Gradeability			33 / 19
Weight			
Total Weight			9,360 kg
Weight Distribution	With Load	Front	14,530 kg
		Rear	1,830 kg
	Without Load	Front	3,750 kg
		Rear	5,610 kg
Brakes and Tires			
Tire	Number	Front/Rear	4/2
	Size	Front	8.25x15-14PR
Rear		8.25x15-14PR	
Wheelbase			2,250 mm
Tread	Front		1,470 mm
	Rear		1,700 mm
Under clearance	At lowest point		190 mm
	At frame		225 mm
Brake	Service	Hydraulic-Foot pedal	
	Parking	Mechanical-hand lever	

Engine and Transmission		
Battery	Voltage/Capacity	2X12 V-80AH / 20h
Internal Combustion Engine	Make-Model	Isuzu 6BG1
	Rated Horsepower / r.p.m	82.4kW/2,000 r.p.m : 112ps/2,000 r.p.m (SAE GROSS 114HP/2,000r.p.m)
	Rate Torque / r.p.m	416.5N.m/1,500 r.p.m : 42.5kg.m/1,500 r.p.m (SAE 307.4ft.bls/1,500r.p.m)
	Number of Cylinder	6
	Displacement	6,494 lit
	Fuel Tank Capacity	140 lit
Transmission	Number of speed Fwd/Rvs-Type	2/2-Automatic Power shift
Operating pressure	For Attachment	200 kg / cm2°