



# STAUNCH 4 Ton Diesel Forklift



## Technical Data

		Model	FD40			
<b>General</b>	Engine			Diesel		
	Rated Capacity		kg	4000		
	Load Center		mm	500		
	Lift Height		mm	4500		
	Free lift height		mm	150		
	Fork Size LxWxT		mm	1070 x 125 x 45		
	Mast Tilt Angle F/R		Deg	6°/12°		
	Front overhang (wheel Center to fork face)		mm	486		
	Rear overhang		mm	545		
<b>Characteristics &amp; Dimensions</b>	Ground Clearance (Bottom of mast)		mm	110		
	Overall Dimensions	Length to face of fork (without fork)		mm	2880	
		overall width		mm	1410	
		Mast lowered height		mm	2100	
		Mast extended height (with backrest)		mm	3775	
		Overhead guard height		mm	2105	
	Turning radius (outside)		mm	2700		
	Min. right angle asisle width		mm	2650		
	<b>Performance</b>	Speed	Travel(no load)		km/h	20
			Lifting(full load)		mm/s	19.5
lowering (full load)			mm/s	530		
Max. drawbar pull (full load)		kn	21			
Max. grade ability (no load/full load)		%	20			
<b>Chassis</b>	Tire	Front	mm	250 - 15 - 16PR		
		Rear	mm	6.50 - 10 - 10PR		
	Tread	front	mm	1160		
		rear	mm	1065		
	wheelbase		mm	1900		
service weight		kg	5410			



<b>Power &amp; Transmission</b>	Battery	Voltage/capacity	V/AH	24/80
	Engine	Model		4TNE98
		Manufacturer		YANMAR
		Rated ouptut/ r.p.m.	kw	44.9/2450
		Rated torque/r.p.m.	n.m	186.3 - 1600-1800
		No. of cylinder		4
		Bore X stroke	mm	95.4 x 107
		Displacement	CC	3059
		Fuel tank capacity	L	70
	Transmission	Type		Powershift(maual)
		stage FWD/RVS		1/1