



**STAUNCH**  
MACHINERY  
SINCE 1979

# STAUNCH 14/15/16 Ton Diesel Forklift



## Technical Data

		Model	FD140	FD150	FD160	
<b>General</b>	Power type		Diesel	Diesel	Diesel	
	Rated Capacity	kg	14000	15000	16000	
	Load Center	mm	9000	6000	6000	
	Lift Height	mm	3000			
	Fork Size LxWxT	mm	1820 x 200 x 90			
	Mast Tilt Angle F/R	Deg	6°/12°			
	Front overhang (wheel Center to fork face)	mm	900			
	Ground Clearance (Bottom of mast)	mm	255			
<b>Characteristics &amp; Dimensions</b>	Overall Dimensions	Length to face of fork (without fork)	mm	4960		
		overall width	mm	2490		
		Mast lowered height	mm	3170		
		Mast extended height (with backrest)	mm	4670		
		Overhead guard height	mm	2930		
	Turning radius(outside)	mm	4500			
	Min. insecting aisle	mm	6800			
<b>Performance</b>	Speed	Travel(no load)	km/h	23		
		Lifting(full load)	mm/s	380		
	Max. grade ability (no load/full load)	%	20			
<b>Chassis</b>	Tire	Front	mm	12.00 - 24 - 20PR		
		Rear	mm	12.00 - 20 - 18PR		
	wheelbase	mm	3250			
	service weight	kg	16500	18500	20500	
Battery	Voltage/capacity	V/AH	24/180			
<b>Power &amp; Transmission</b>	Engine	Model		YC6A180Z-T21(A7AGC)		
		Manufacturer		YUCHAI		
		Rated ouput/ r.p.m.	kw	130/2300		
		Rated torque/r.p.m.	n.m	670/1400-1700		
		No. of cylinder		6		
		Bore X stroke	L	108 x 132		
		Displacement	CC	7255		
	Fuel tank capacity	L	300/350			
Transmission	Type		Hydraulic			
	stage FWD/RVS		2/1			
Operating pressure for attachment	Mpa	15	16	18		