

PATRIOT FD30



PATRIOT

FORKLIFTS



General Specs

Model	FD30S
Power Type	Diesel
Engine	KOHLER KDI1903TCR
Transmission	Hydraulic
Fuel System	Diesel
Chassis Type	-
Paint	-
Rated Capacity at 3000 mm Lift Height (lbs)	6615
True Capacity at 4800 mm Lift Height (lbs)	5513
Load Center (inch)	20



Characteristic & Dimension

Model	FD30S
Lift Height - 3 Stage Mast (<i>inch</i>)	189
Fork Size - L x W x T (<i>inch</i>)	60 x 4.9 x 1.77
Mast Tilt Angle - F/R (<i>Deg</i>)	6°/6°
Front Overhang <i>Wheel Center to Fork Face (inch)</i>	18.9
Ground Clearance <i>Bottom of Mast (inch)</i>	5.5
Overall Dimension	
Length To Face Of Fork <i>Without Fork (Inch)</i>	107.5
Overall Width (<i>Inch</i>)	48.2
Mast Lowered Height (<i>Inch</i>)	88.0
Mast Extended Height <i>With Backrest (Inch)</i>	235.2
Overhead Guard Height (<i>Inch</i>)	84.6
Turning Radius - Outside (<i>Inch</i>)	95.3
Min. Insecting Aisle (<i>Inch</i>)	98.0

Tire

Model	FD30S
Tire - Front x 2 <i>Air Pneumatic</i>	28 × 9 - 15 - 14
Rear x 2 <i>Air Pneumatic</i>	6.50 - 10 - 10
Wheelbase (<i>Inch</i>)	66.9
Service Weight (<i>lbs</i>)	9482

Performance

Model	FD30S
Speed - Travel (Empty Load) <i>(mph)</i>	14.93
Lifting (Full Load) <i>(in/s)</i>	20.1
Max. Gradeability (%)	20



Power and Transmission

Model	FD30S
Battery - Voltage/Capacity (V/Ah)	12/80
Engine	
Rated Output / r.p.m (kw)	55.4/2600
Rated Torque / r.p.m (N.m)	320/1600
No. of Cylinder	4
Bore x Stroke (inch)	3.54 x 3.7
Displacement (cc)	2392
Fuel Tank Capacity (L)	60
Transmission - Type	Hydraulic
Stage - FWD/RVS	1/1
Operating Pressure for Attachment (Mpa)	18