

PATRIOT FD35RT4



PATRIOT

FORKLIFTS



General Specs

Model **FD35RT4**

Power Type Diesel

Engine KOHLER KDI 1903

Transmission Hydraulic

Fuel System Diesel

Chassis Type Air Pneumatic

Paint -

Rated Capacity at
3000 mm Lift Height (*kg*) 7718

True Capacity at - mm
Lift Height (*kg*) **7718**

Load Center (*mm*) **20**



Characteristic & Dimension

Model	FD35RT4
Lift Height - 2 Stage Mast (mm)	118
Fork Size - L x W x T (mm)	48 x 4.9 x 2.0
Mast Tilt Angle - F/R (Deg)	10°/12°
Front Overhang Wheel Center to Fork Face (mm)	27.5
Ground Clearance Bottom of Mast (mm)	10.6
Overall Dimension	

Length To Face Of Fork Without Fork (Inch)	128
Overall Width (Inch)	72.2
Mast Lowered Height (Inch)	89.0
Mast Extended Height With Backrest (Inch)	167.7
Overhead Guard Height (Inch)	88.6

Turning Radius - Outside (Inch)	172.4
Min. Insecting Aisle (Inch)	119.7

Chassis

Model	FD35RT4
Tire - Front x 2 <i>Air Pneumatic</i>	405 / 70 - 20 14
Rear x 2 <i>Air Pneumatic</i>	10.0 / 75 - 15.3 - 12
Wheelbase (mm)	78.3
Service Weight (kg)	13010

Performance

Model	FD35RT4
Speed - Travel (Empty Load) <i>(mph)</i>	15.5
Lifting (Full Load) <i>(mm/s)</i>	18.9
Max. Gradeability (%)	30



Power and Transmission

Model	FD35RT4
Battery - Voltage/Capacity (V/Ah)	12/120
Engine	
Rated Output / r.p.m (kw)	36/2500
Rated Torque / r.p.m (N.m)	186/1100-1500
No. of Cylinder	4
Bore x Stroke (inch)	94 × 100
Displacement (cc)	1952
Fuel Tank Capacity (L)	80
Transmission - Type	Hydraulic
Stage - FWD/RVS	3/2
Operating Pressure for Attachment (Mpa)	18

