

PANAMA TRACTOR



Engine	Cummins	
Make	QSM11	
Model		
Net Power	320 hp	238.6 kw
Gross Power	335 hp	249.8 kw
Power Measured @	2100 rpm	
Displacement	671.3 cu in	11 L
Torque Measured @	1400 rpm	
Max Torque	1257 lb ft	1704.3 Nm
Number of Cylinders	6	
Aspiration	turbocharged	
Operational		
Operating Weight	64595.4 lb	29300 kg
Fuel Capacity	124.2 gal	470 L
Hydraulic System Fluid Capacity	62.1 gal	235 L
Engine Oil Fluid Capacity	10 gal	38 L
Cooling System Fluid Capacity	17.2 gal	65 L
Transmission Fluid Capacity	11.4 gal	43 L
Front Axle/Diff Fluid Capacity	15.9 gal	60 L
Rear Axle/Diff Fluid Capacity	15.9 gal	60 L
Static Tipping Weight	48942.6 lb	22200 kg
Operating Voltage	24 V	
Alternator Supplied Amperage	70 amps	
Rear Axle Oscillation	26 degrees	
Tire Size	29.5-25 22PR L3	
Transmission		
Type	fully automatic power shift	
Number of Forward Gears	4	
Number of Reverse Gears	3	
Max Speed - Forward	21.6 mph	34.7 km/h
Max Speed - Reverse	14.5 mph	23.3 km/h
Hydraulic System		
Pump Type	open-centered, tandem circuit system	
Relief Valve Pressure	2990 psi	20615.3 kPa
Pump Flow Capacity	125 gal/min	473 L/min
Raise Time	6.4 sec	
Dump Time	1.3 sec	
Lower Time	3.5 sec	
Bucket		
Breakout Force	54720 lb	243.4 kN
Dump Clearance at Max Raise	11 ft in	3347 mm
Bucket Width	11.3 ft in	3450 mm
Bucket Capacity - heaped	6.7 yd ³	5.1 m ³
Bucket Capacity - struck	5.6 yd ³	4.3 m ³
Dimensions		
Length with Bucket on Ground	30.8 ft in	9390 mm
Width Over Tires	11.3 ft in	3450 mm
Height to Top of Cab	12 ft in	3670 mm
Ground Clearance	1.6 ft in	475 mm
Wheelbase	12.1 ft in	3700 mm
Hinge Pin - Max Height	15 ft in	4560 mm
Reach at Max Lift and Dump	4.7 ft in	1440 mm