

Specifications

Operating Weight	kg	lbs
Empty	36,735	81,000
Loaded	65,770	145,000
Hauling Capacity	29,000	64,000

Operating Times	Seconds
Boom Raising Time	5 ± 1
Boom Lowering Time	4 ± 1
Steering Time (Stop to Stop, High Idle)	6 ± 1

Speed (Empty, 0% Grade)	km/hr	mph
1st Gear	2.9	1.8
2nd Gear	6.1	3.8
3rd Gear	9.6	6
4th Gear	17.7	11

Steering and Oscillation	Degrees
Turning Angle (Each Way)	42.5
Rear Axle Oscillation (Each Way)	8

Hydraulic System	kPa	psi
Operating Pressure (Boom/Hoist)	13,789 ± 345	2,000 ± 50
Operating Pressure (Steering)	15,858 ± 345	2,300 ± 50
Filtration	25 microns	

Tank Capacities	Liters	Gallons
Fuel	136	36
Hydraulic	265	70
Coolant	20	5.25
Engine Lubrication	27.5	7.25

Engine	Displacement	Power
Caterpillar 3306	19.1 L / 1,165 in ³	190 hp / 142 kw
Ambient Temperature	SAE Grade	API Spec
Medium to High	15W-40	CH-4
Low	10W-30	

Transmission	Liters	Gallons
Clark 32000 Series	18.9	5
Notes	SAE Grade	Allison Spec
Tractor Hydraulic Fluid	15W-20	C-4
<i>For Extreme Temperature Operation See the Ambient Temperature Guide in the Service Manual</i>		

Converter	Liters	Gallons
Clark C320 Series	5.7	1.5

Axles	Liters	Quarts
John Deere	18.3	51

Brake System	kPa	psi
Service Brake Pressure	6,895 ± 345	1,000 ± 50
Charge Valve Kick-In	11,030 ± 345	1,600 ± 50
Charge Valve Kick-Out	13,788 ± 345	2,000 ± 50
Accumulator Pre-Charge	8,273 ± 345	1,200 ± 50

Tires (Front & Rear)
Various, Mine Specific