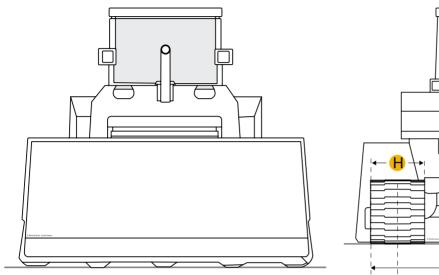
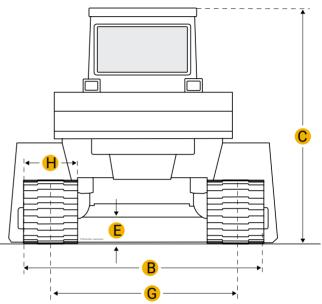
# **RITCHIE** Specs

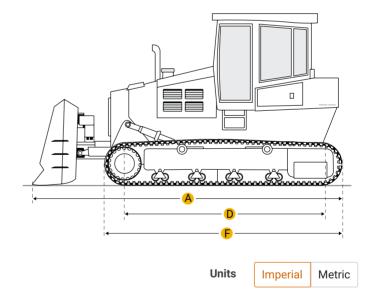
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### Komatsu D31PX-22 Crawler Tractor







### Dimensions

Dimensions

A	Length W/ Blade	13.7 ft in
В	Width Over Tracks	6.27 ft in
С	Height To Top Of Cab	9.06 ft in
D	Length Of Track On Ground	7.17 ft in

Q

E	Ground Clearance	1.04 ft in		
Un	Undercarriage			
G	Track Gauge	4.96 ft in		
Н	Standard Shoe Size	15.75 in		
	Number Of Track Rollers(Each Side)	6		
	Ground Contact Area	2713 in2		
	Shoe Width (Standard)	15.75 in		
	Suspension	Rigid type		
	Track Rollerframe	Monochoque,large Section		
	Type Of Shoes(Standard)	Single grouser		
	Rollers And Idlers	Lubricated track rollers		
	Ground Pressure	6.68 psi		
	Grouser Height	1.86 in		
	Length Of Track Ground	86.03 in		
	Number Of Shoes (Each Side)	40		

## Specifications

Steering System		
Minimum Turning Radius	7.3 ft in	
Engine		
Hydraulic Fan At Maximum Speed	Net 53KW71HP@2200RPM	
Lubrication Method	Gear pump ,Force Lubrication	
Filter	Full Flow	
Ера	Tier -3 Emission certified	
Number Of Cylinders	4	
Piston Displacement	199 cu in	
Engine Make	2238	
Engine Model	SAA4D95LE-5*	

Engine Type	4-Cycle,water-Cooled,Direct injection	
Gross Power	80 hp	
Governor	All-speed Electronic	
Net Power	78 hp	
Power Measured @	2200 rpm	
Displacement	199 cu in	
Aspiration	Turbocharged, air-to-air aftercooled	
Bore	3.8 in	
Stroke	4.6 in	
Horse Power: Sae J1995	80.5 hp	
Horse Power: Iso 9249 / Sae J1349	77.8 hp	
Fan Drive Type	Hydraulic (Reversible for cleaning)	
Capacities		
Fuel Tank - Diesel	51.6 gal	
Hydraulic Tank	15.9 gal	
Final Drive	1 gal	
Engine Oil	3 gal	
Coolant	4.8 gal	
Operational		
Operating Weight	18055.9 lb	
Fuel Capacity	51.6 gal	
Cooling System Fluid Capacity	4.8 gal	
Engine Oil Capacity	3 gal	
Hydraulic Fluid Capacity	15.9 gal	
Final Drives Fluid Capacity	1 gal	
Operating Voltage	24 V	
Alternator Supplied Amperage	35 amps	

#### Transmission

Transmission Type Number Of Forward Gears 3 Number Of Reverse Gears 3 Max Speed - Forward 5.3 mph Max Speed - Reverse 5.3 mph Weights **Tractor Weight - Rops Canopy** 15234 lb **Tractor Weight - Rops Cab** 16137.9 lb **Operating Weight - Rops Canopy** 17923.6 lb **Operating Weight - Rops Cab** 18827.5 lb Hydraulic System Blade Lift(No.Of.Cylinders) 2 Blade-Tilit(No.Of.Cylinders) 1 Blade Angle(No.Of.Cylinders) 2 Blade Lift(Bore) 0.3 ft in Blade-Tilit(Bore) 0.3 ft in Blade Angle(Bore) 0.3 ft in Hydraulic Oil Capacity(Power Angle Tilt Dozer) 15.9 gal Pump Type Piston-type **Relief Valve Pressure** 3983 psi **Pump Flow Capacity** 26.2 gal/min Standard Blade Width 8.4 ft in Height 33.1 in Capacity 2.2 yd3 Blade Angle (Both Directions) 25 degrees **Cutting Depth** 15.4 in

dual-path, hydrostatic

### Compare similar models

Komatsu D37EX-22		
Ground Pressure	6.7 psi	
Net Power	78 hp	
Operating Weight		
Caterpillar D3B		
Ground Pressure		
Net Power	65 hp	
Operating Weight	15161.2 lb	
John Deere 450B		
Ground Pressure		
Net Power	65 hp	
Operating Weight	14500 lb	

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