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Komatsu D31EX-22 Crawler Tractor



Units

Imperial

Metric

Dimensions

Dimensions

C	Height To Top Of Cab	9.11 ft in
E	Ground Clearance	1.04 ft in
G	Track Gauge	4.96 ft in
Length		7.17 ft in

## Undercarriage

G	Track Gauge	4.96 ft in
H	Standard Shoe Size	15.75 in
	Number Of Track Rollers(Each Side)	6
	Shoe Width (Standard)	15.75 in
	Type Of Shoes(Standard)	Single grouser
	Ground Contact Area	2713 in2
	Ground Pressure	6.68 psi
	Grouser Height	1.86 in
	Length Of Track Ground	86.03 in
	Number Of Shoes (Each Side)	40

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## Specifications

### Steering System

Minimum Turning Radius	6.6 ft in
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### Engine

Hydraulic Fan At Maximum Speed	71.1 hp
Lubrication Method	Gear pump ,Force Lubrication
Filter	Full Flow
Epa	Tier -3 Emission certified
Number Of Cylinders	4
Piston Displacement	199 cu in
Engine Make	2238
Engine Model	SAA4D95LE-5
Gross Power	80 hp
Net Power	78 hp
Power Measured @	2200 rpm
Displacement	199 cu in

<b>Aspiration</b>	Turbocharged, air-to-air aftercooled
<b>Bore</b>	3.8 in
<b>Stroke</b>	4.6 in
<b>Horse Power: Sae J1995</b>	80.5 hp
<b>Horse Power: Iso 9249 / Sae J1349</b>	77.8 hp
<b>Fan Drive Type</b>	Hydraulic
Capacities	
<b>Fuel Tank - Diesel</b>	51.6 gal
<b>Hydraulic Tank</b>	15.9 gal
<b>Final Drive</b>	1 gal
<b>Engine Oil</b>	3 gal
<b>Coolant</b>	4.8 gal
Operational	
<b>Blade Capacity</b>	2.2 yd <sup>3</sup>
<b>Blade Type</b>	PAT
<b>Blade Length</b>	100.4 in
<b>Blade Height</b>	33.1 in
<b>Blade Cut Depth</b>	15.4 in
<b>Ripper Type</b>	Fixed
<b>Ripper Depth</b>	13.4 in
Transmission	
<b>Transmission Type</b>	dual-path, hydrostatic
<b>Number Of Forward Gears</b>	3
<b>Number Of Reverse Gears</b>	3
<b>Max Speed - Forward</b>	5.3 mph
<b>Max Speed - Reverse</b>	5.3 mph
Weights	
<b>Operating Weight</b>	18055.9 lb

<b>Ripper Weight</b>	1267.7 lb
Hydraulic System	
<b>Hydraulic System Type</b>	Closed-centre Load Sensing System (CLSS)
<b>Blade Lift(No.Of.Cylinders)</b>	2
<b>Blade-Tilit(No.Of.Cylinders)</b>	1
<b>Blade Angle(No.Of.Cylinders)</b>	2
<b>Blade Lift(Bore)</b>	0.3 ft in
<b>Blade-Tilit(Bore)</b>	0.3 ft in
<b>Blade Angle(Bore)</b>	0.3 ft in

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**Ground Pressure**

6.7 psi

**Net Power**

78 hp



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**Ground Pressure**

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**Net Power**

65 hp



[John Deere 450C](#)

**Ground Pressure**

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**Net Power**

65 hp

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