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Komatsu D37PX-22 Crawler Tractor



Units

Imperial

Metric

Dimensions

Dimensions

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

E	Ground Clearance	1.04 ft in
Undercarriage		
G	Track Gauge	4.96 ft in
H	Standard Shoe Size	15.75 in
	Number Of Track Rollers(Each Side)	6
	Ground Contact Area	4170 in2
	Shoe Width (Standard)	23.63 in
	Suspension	Rigid type
	Track Rollerframe	Monochoque,large Section
	Type Of Shoes(Standard)	Single grouser
	Rollers And Idlers	Lubricated track rollers
	Ground Pressure	4.41 psi
	Grouser Height	1.86 in
	Length Of Track Ground	88.19 in
	Number Of Shoes (Each Side)	41

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
	Epa	Tier -3 Emission certified
	Number Of Cylinders	4
	Piston Displacement	199 cu in
	Engine Make	2238
	Engine Model	Komatsu 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	91.2 hp
Horse Power: Iso 9249 / Sae J1349	88.6 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	dual-path, hydrostatic
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	15410.4 lb
Tractor Weight - Rops Cab	16314.3 lb
Operating Weight - Rops Canopy	18166.1 lb
Operating Weight - Rops Cab	19070 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
Relief Valve Setting	27.4MPA,
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

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Net Power	65 hp
Operating Weight	15161.2 lb
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Net Power	65 hp
Operating Weight	14500 lb
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Net Power	74 hp
Operating Weight	17546.6 lb
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