



GE330D SPECIFICATIONS



1 Introduction



Cummins engine (conforming to -stage emission regulations), powerful, energy efficient, reliable and durable; advanced negative flow hydraulic system, comfortable operation, high operating efficiency, excellent cost performance; full power control, four power modes to adapt to different work; reliable and accurate fuel injection system, real-time control of fuel injection, making combustion more complete, fuel efficiency; full 3D modeling and finite element analysis technology to ensure the reliability and stability of structural parts.

2.

(1) Cummins new generation high-power engine with strong power, low fuel consumption and high reliability

(2) New hydraulic system, large displacement main pump, large flow main valve, large flow area, small pressure loss, more reasonable flow distribution, better coordination and easier operation

(3) Equipped with a large-bore oil cylinder, optimizing the arrangement of key hinge points, improving the digging force of the whole machine, setting an automatic supercharging function, and automatically increasing the digging force as the load increases; large displacement slewing motor and slewing gear design with large speed ratio Higher starting torque, better slewing braking effect

(4)

Aiming at the extremely harsh mining operation conditions, the heavy-duty reinforced boom, the mine-specific short stick and the large-capacity rock bucket are standard, and the extended and widened heavy-duty chassis is standard.

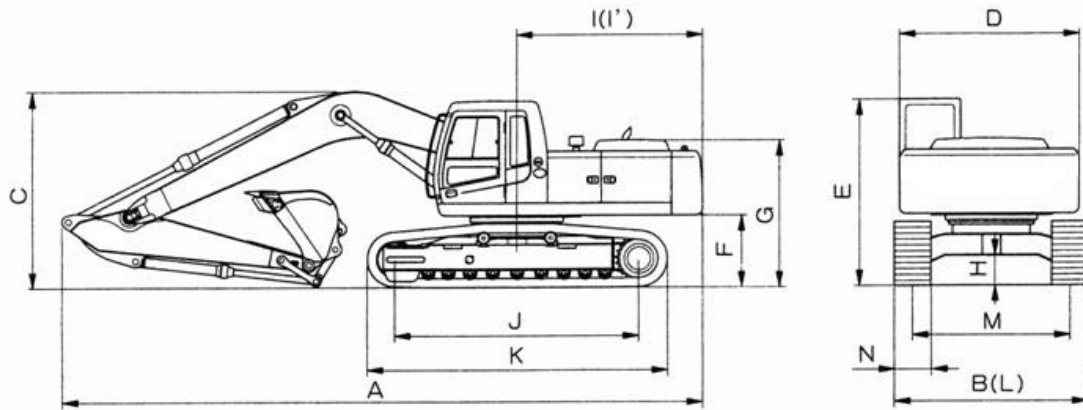


(5)

Equipped with high-resolution, high-brightness 8-inch color anti-glare monitoring instrument, intelligent electronic monitoring system, with vehicle maintenance information prompts, fault self-diagnosis and alarm and other functions;



3 Technical specification



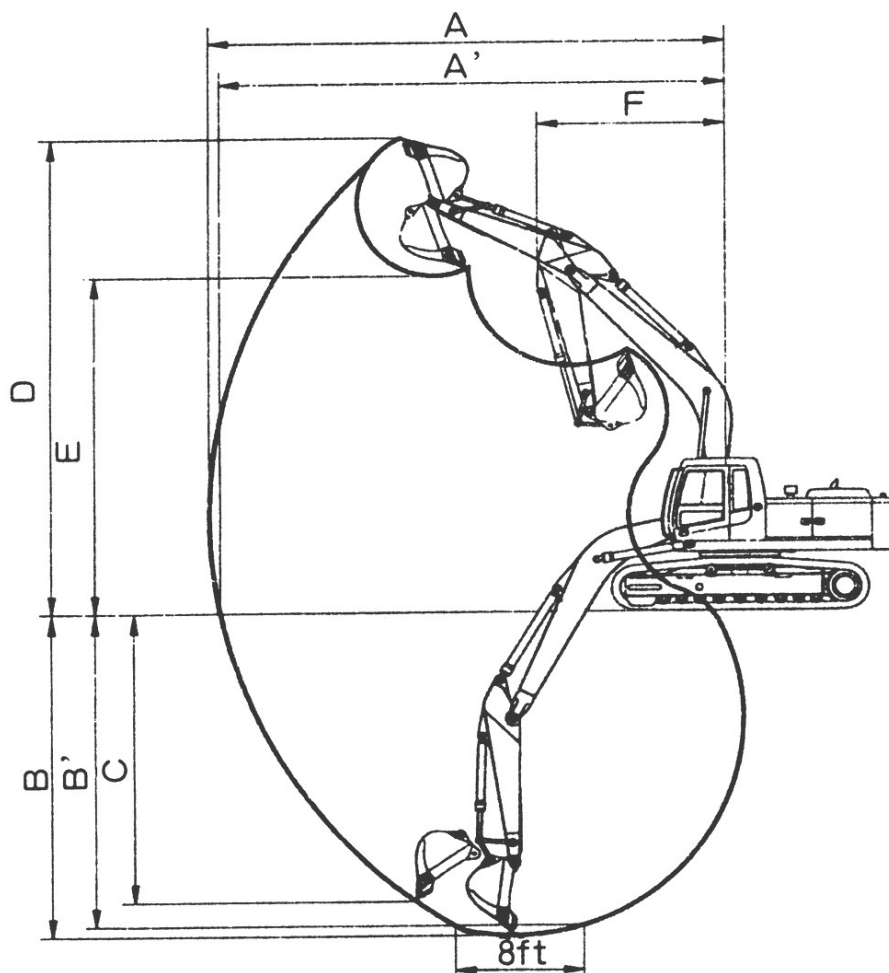
ITEM		UNIT	Technical specifications
			GE330D
Operating weight		Kg	31380
Rated power		KW/rpm	241/2200
Rated bucket capacity		m ³	1.6
Overall length	A	mm	10700
600mm Overall width600mm track	B	mm	3280
Overall height	C	mm	3546
Platform width	D	mm	3060
Height of cabin	E	mm	3145
Ground clearance of counterweight	F	mm	1193
Engine cover height	G	mm	2563
Min. ground clearance	H	mm	471
Tail length	I	mm	3205
	I	mm	3250



Turning radius of turntable			
Wheel base of track shoe	J	mm	4030
Length of chassis	K	mm	4950
Width of chassis	L	mm	3280
Track shoe gauge	M	mm	2680
Standard track width	N	mm	600
Max. traction		m ³	266
/ Traveling speed H/L		Km/hr	4.8/3.0
Swing speed		rpm	10.0
Gradeability		Degree(%)	3570%
Ground pressure		Kgf/cm ²	0.594



4. Working range



ITEM		6.2m2.65m1.6m ³ 6.2m arm2.65m Stick1.6m ³ bucket GE330D
Maximum digging radius	A	10233 mm
Ground maximum digging radius	A	10028 mm
Maximum digging depth	B	6536 mm
2438mm Ground maximum digging depth	B	6331 mm
Maximum vertical digging depth	C	4758 mm



Maximum digging height	D	9617 mm
Maximum dumping height	E	6666 mm
Min. front turning radius	F	4256 mm
Bucket digging force	ISO	225 KN
Stick digging force	ISO	182 KN



5. Engine specifications

Model			Cummins 6LTAA8.9-C325
Specifications	Type		46 4 Stroke6 Cylinder in line direct injection turbocharged
	Cooling type		Water cooled
	Bore diameter stroke	mm	114145
	Displacement	L	8.9
	rated power	kW/rpm	241/2000
	Max. torque	Nm/rpm	1400/1400
	Rated diesel consumption	g/KW.hr m	2172000
	Starter		24V 8.5KW
	Generator		JFZ2725-010(28V-70A)
	Battery		212V120Ah

6. Main configuration

	GE330D
Emission	Stage
Engine	Cummins 6LTAA8.9-C325
Main pump	KAWASAKI K5V140DT
Main valve	KAWASAKI KM15RB
Slewing motor	KAWASAKI M5X180CHB
Travelling motor	DOOSAN TM60VC
Track	XCMG
AC	DENSO



Slewing ring	FANGYUAN
Arm	6.2m CHANGLIN
Stick	2.65m CHANGLIN
Bucket	1.6m ³ JUKE
Frame	CHANGLIN