

Robex 520 LC-9S FS

With Tier 2 Engine installed

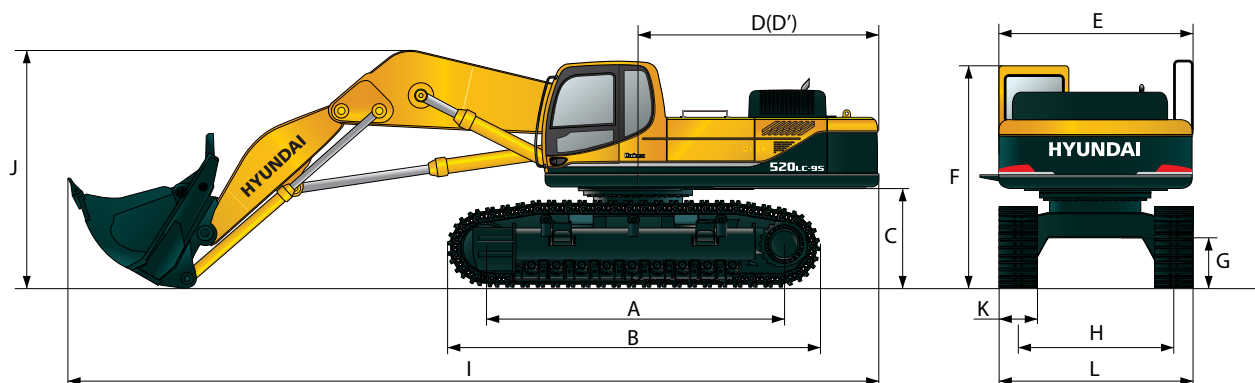


*Photo may include optional equipment.

520LC-9S FS

FRONT SHOVEL EXCAVATOR

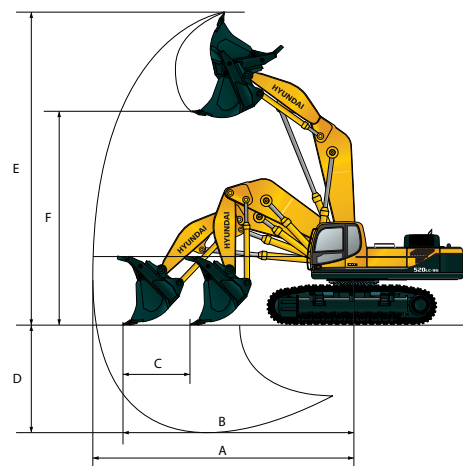
Based on the undercarriage and upper structure of R520LC-9S, this Front Shovel excavator can rely on a wide range of extensively tested systems and components. Hyundai well-know expertise in excavator manufacturing, has been put to use to successfully develop the front shovel boom, arm and bucket of R520LC-9S FS. Noise and emission levels are limited despite a 342 HP Tier II Cummins QSM11-C engine delivering the required power.



DIMENSIONS

DESCRIPTION	UNIT	R520LC-9S FS
Engine	Maker	- Cummins
	Model	- QSM11-C
	Rated power (net)	HP (kW) / rpm 342 (255) / 1,900
	Max. torque	kgf-m (lbf-ft) / rpm 182.5 (1,320) / 1,300
Operating weight	kg (lb)	55,500 (122,400)
Bucket capacity	m ³ (yd ³)	2.6 (3.4)
A Tumbler distance	mm (ft-in)	4,470 (14' 8")
B Overall length of crawler	mm (ft-in)	5,460 (17' 11")
C Ground clearance of counterweight	mm (ft-in)	1,500 (4' 11")
D Tail swing radius	mm (ft-in)	3,750 (12' 4")
D' Rear-end length	mm (ft-in)	3,695 (12' 1")
E Overall width of upperstructure	mm (ft-in)	2,980 (9' 9")
F Overall height of cab	mm (ft-in)	3,400 (11' 2")
G Min. ground clearance	mm (ft-in)	770 (2' 6")
H Track gauge (Extended/Retracted)	mm (ft-in)	2,940 (9' 8") / 2,380 (7' 10")
I Overall length	mm (ft-in)	12,070 (39' 7")
J Overall height of boom	mm (ft-in)	3,690 (12' 1")
K Track shoe width	mm (ft-in)	600 (24")
L Overall width (Extended/Retracted)	mm (ft-in)	3,540 (11' 7") / 2,990 (9' 9")
Swing speed	rpm	9.0
Travel speed (low / high)	km/hr (mph)	3.2 (2.0) / 5.0 (3.2)
Fuel tank capacity	Liter (US gal)	621 (164)
Hydraulic tank capacity	Liter (US gal)	262 (69.2)

WORKING RANGE



DESCRIPTION	UNIT	R520LC-9S FS
Boom length	mm (ft-in)	4,300 (14' 1")
Arm length	mm (ft-in)	2,800 (9' 2")
A Max. Digging reach	mm (ft-in)	8,920 (29' 3")
B Digging reach on ground level	mm (ft-in)	8,330 (27' 3")
C Level crowding distance	mm (ft-in)	3,420 (11' 2")
D Max. Digging depth	mm (ft-in)	3,990 (13' 1")
E Max. Digging height	mm (ft-in)	10,120 (33' 2")
F Max. Dumping height	mm (ft-in)	7,260 (23' 9")



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