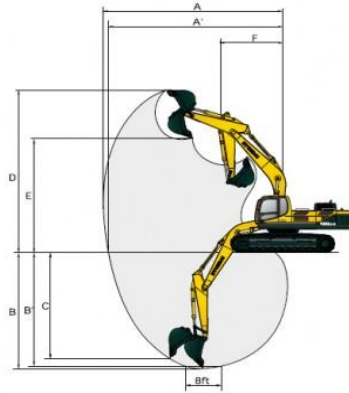




ENGINE

MODEL		CUMMINS QSM11-C	
Type		Water-cooled, 4-cycle Diesel, 6-Cylinder in-line, Direct injection, Turbocharged, Charger air cooled, Low emission	
Rated flywheel horsepower	SAE	J1995 (gross)	353HP (263kW)/ 1,900rpm
		J1349 (net)	320HP (239kW)/ 1,900rpm
horsepower	DIN	6271/1 (gross)	358HP (263kW)/ 1,900rpm
		6271/1 (net)	325HP (239kW)/ 1,900rpm
Max. torque		182.5kgf-m (1,320lb-ft)/ 1,300rpm	
Bore X stroke		125mm X 147mm (4.92" X 5.79")	
Piston displacement		10,800cc (659 in ³)	
Batteries		2 X 12V X 200AH	
Starting motor		24 V, 7.2 kW	
Alternator		24 V, 70 Amp	

WORKING RANGES R480LC-9



Arm length	3,380 (11' 1")
A Max. digging reach	12,100 (39' 8")
A' Max. digging reach on ground	11,900 (39' 1")
B Max. digging depth	7,810 (25' 7")
B' Max. digging depth (8' level)	7,670 (25' 2")
C Max. vertical wall digging depth	6,590 (21' 7")
D Max. digging height	10,980 (36' 0")
E Max. dumping height	7,620 (25' 0")
F Min. swing radius	4,780 (15' 8")

Bucket width, min-max (in):	41.9" - 85.4"
Bucket capacity, SAE heaped, min-max (cu yds):	1.31 - 4.19

Track shoe or rubber track width (in):	24"
Max travel speed (mph):	3.1
Max drawbar pull (lbs):	84,800
Transport length (ft/in):	39' 7"
Transport height (ft/in):	12' 3"
Transport width (ft/in):	10' 11"
Tail overhang over side (ft/in):	6' 7.5"
Length of track on ground (ft/in):	15' 9"
Total flow of main pumps, implement & swing (gpm):	190.2
Max normal relief valve pressure (psi):	4,690
Operating weight (metric tons):	48.1
Operating weight (lbs):	106,040

Engine make:	Cummins
Engine model:	QSM11
Net hp:	342
Arm (stick) length used for dimensions & forces (ft/in):	11' 1"
Max dig depth (ft/in):	25' 8"
Depth @ 8' bottom (ft/in):	25' 2"
Max depth of vertical wall (ft/in):	21' 7"
Reach @ ground level (ft/in):	39' 1"
Dump height (ft/in):	25' 0"
Arm (stick) force* (lbs):	48,820
Bucket digging force* (lbs):	62,530
Lift over end, 20' radius @ ground (lbs):	36,130
Lift over side, 20' radius @ ground (lbs):	23,920