

STANDARD EQUIPMENT

ISO Standard cabin
All-weather steel cab with 360° visibility
Safety glass windows
Rise-up type windshield wiper
Sliding side window(s)
Lockable door
Hot & cold box
Storage compartment & Ashtray
Transparent cabin roof cover
Radio / USB Player
12 volt power outlet (24V DC to 12V DC converter)
Handfree mobile phone system with USB
Sun visor
Computer aided power optimization (New CAPS) system
3-power mode, 2-work mode, User mode
Auto deceleration & one touch deceleration system
Auto warm-up system
Auto overhead protection system
Automatic climate control
Air conditioner & heater
Defroster
Self-diagnostic system
Starting Aid (air grid heater) for cold weather
Centralized monitoring
LCD display
Engine speed or Trip meter/taillight
Clock
Gauges
Fuel level gauge
Engine coolant temperature gauge
Hyd. oil temperature gauge
Warnings
Check Engine
Communication error
Low battery
Air cleaner clogging
Indication
Max power
Low speed/high speed
Fuel warmer
Auto idle
Door and cab locks, one key
Drops outside rearview mirror
Fully adjustable suspension seat with seat belt
Pilot operated adjustable joystick
Console box height adjust system
Four front working lights
Electrochrom
Batteries 2 x 12V x 80 Ah
Battery master switch
Removable clean-out dust net for oil cooler
Automatic swing brake
Removable rearview tank
Fuel pre-filter with fuel warmer
Boom holding system
Arm holding system
Track shoes (800mm, 24")
Track rail guard
Accumulator for lowering work equipment
Electric transducer
Lower frame under cover (Optional)

OPTIONAL EQUIPMENT

Fuel filter pump (35 L/min)
Recon lamp
Safety lock valve for boom cylinder with overload warning device
Safety lock valve for arm cylinder
Single acting piping kit (breaker, etc.)
Double-acting piping kit (damshell, etc.)
Quick coupler
Travel alarm
Booms
4.5m, 12' 5"
4.6m, 15' 1"
4.9m, 16' 1"
Arms
1.8m, 6' 3"
2.1m, 6' 11"
2.5m, 8' 2"
3.0m, 9' 10"
Climate control
Air conditioner only
Heater only
Cabin TOP/OPS (ISO/DIS 1082 Level II)
ROPS (Falling Object Protective Structure)
FOPS (Falling Object Guard)
Cabin ROPS (ISO 12117-2)
ROPS (Full over Protective Structure)
Cabin guard front
Wire net
Four net
Cabin roof steel cover
Cabin lights
Cabin front window rain guard
Track shoes
Triple grouser shoe (500mm, 20")
Triple grouser shoe (700mm, 28")
Triple grouser shoe (800mm, 32") R140LCM-9
Double grouser shoe (700mm, 28") R140LCM-9
Single grouser shoe (600mm, 38") R140LCM-9
R140LCM-9 Blade: 3500mm (11' 3") x 3,560mm (11' 7")
3500mm (11' 3") x 2,800mm (9' 3")
Lower frame under cover (Additional)
Tool kit
Operator suit
Rearview camera
Seat
Adjustable air suspension seat
Adjustable air suspension seat with heater
Mechanical suspension seat
Rethrow charge valve (2 pattern)
Himate (Remote Management System)
Air ventperator

* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.
* The photos may include attachments and optional equipment that are not available in your area.
* Materials and specifications are subject to change without advance notice.
* All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

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Specifications

ENGINE

MODEL	Mitsubishi D6DF-TAA
Type	Water cooled, 4-cycle Diesel, 4-Cylinder in-line, Direct Injection, Turbocharged, Charger air cooled, Low emission
Rated RPM/kW (hp)	1795 (2440) 113 HP 85 kW/2,000 rpm
Rated RPM/kW (hp)	627/15 (85) 113 HP 85 kW/2,000 rpm
Max. torque RPM/kW (hp)	121 PS 89 kW/2,000 rpm
Bores x stroke	102 x 130 mm (4.01" x 5.12")
Piston displacement	4,246cc (259 in³)
Batteries	2 x 12V x 80Ah
Starting motor	24V, 50 kW
Alternator	24V, 50 Amp

HYDRAULIC SYSTEM

Main PUMP	Variable displacement piston pumps
Type	Variable displacement piston pumps
Rated flow	2 x 123.5L/min (62.6 US gal/min / 27.2 UK gal/min)
Sub-pump for pilot circuit	Gear pump
Cross-feeding and fuel saving pump system	

HYDRAULIC MOTORS

Travel	Two speed axial piston motor with brake valve and parking brake
Swing	Swing piston motor with automatic brake

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm² (4,978 psi)
Travel	350 kgf/cm² (4,978 psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5,404 psi)
Swing circuit	280 kgf/cm² (4,014 psi)
Pilot circuit	40 kgf/cm² (568 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

Booms	2 105 X 1,075 mm (41" X 42.3")
Arms	1 115 X 1,138 mm (45" X 44.8")
Bucket	1 100 X 840 mm (39" X 33.1")
Blade	2 160 X 216 mm (6.3" X 8.5")
2 PCS booms	2 105 X 915 mm (41" X 36.1")
Adjustboom	1 140 X 611 mm (5.5" X 24.1")

DRIVES & BRAKES

Drive method	Hydraulic type
Drive motor	Swing piston motor, in-shaft design
Reduction system	Reduction gear
Max. drawbar pull	13,300 kgf (29,320 lbf)
Max. travel speed (high / low)	5.5 km/hr (3.4 mph) / 3.2 km/hr (2.0 mph)
Gradeability	35° (70 %)
Parking brake	Multi wet disc

CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot control	Two joysticks with one safety lever
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

SWING SYSTEM

Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease bathed
Swing brake	Multi wet disc
Swing speed	12.0 rpm

COOLANT & LUBRICANT CAPACITY

Refilling	60l	US gal	UK gal
Fuel tank	2700	71.5	59.4
Engine coolant	15.5	4.1	3.4
Engine oil	17.5	4.6	3.8
Swing device gear oil	2.5	0.66	0.55
Final drive/shaft gear oil	2.2	0.6	0.5
Hydraulic system (including tank)	210.0	55.5	46.2
Hydraulic tank	124.0	32.8	27.3

UNDERCARRIAGE

The H-type center frame is integrally welded with reinforced box-section track frame. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.

	R140LC/LCD-9	R140LCM-9
Center frame	X - leg type	
Track frame	Pentagonal box type	
No. of shoes on each side	46	47
No. of carrier roller on each side	1	2
No. of track roller on each side	7	7
No. of rail guard on each side	2	2

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 4,600mm (15' 1") boom, 2,500mm (8' 2") arm, SAE heaped 8.0lbm (3.6 yd³) bucket, full tank, coolant, full fuel tank, full hydraulic tank, and all standard equipment.

Upperstructure	3,820 kg (8,422 lb)
Boom (with arm cylinder)	1,050 kg (2,319 lb)

OPERATING WEIGHT

Type	Width mm (in)	Operating weight kg(lb)	Ground pressure kgf/cm² (psi)
Shoes	500 mm (20")	R140LC-9 13,790(30,400) R140LCM-9 14,900(32,940)	0.43(6.11) 0.45(6.48)
Triple grouser	600 mm (24")	R140LC-9 13,980(30,820) R140LCM-9 14,800(32,810)	0.34(5.12) 0.35(5.00)
Double grouser	700 mm (28")	R140LC-9 14,700(32,410) R140LCM-9 16,880(37,210)	0.32(4.55) 0.36(5.12)
Single grouser	800 mm (32")	R140LC-9 14,700(32,410) R140LCM-9 17,100(37,720)	0.27(3.84) 0.27(3.84)

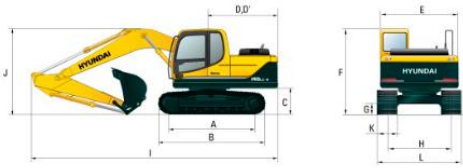
BUCKETS

All buckets are welded with high-strength steel.

						
SAE heaped m³ (yd³)	0.23 (0.30)	0.40 (0.52) 0.46 (0.60)	0.40 (0.52) 0.58 (0.76)	0.65 (0.85)	0.71 (0.93)	× 0.45 (0.58) × 0.55 (0.72)
Capacity m³ (yd³)			Width mm (in)	Weight kg (lb)	Recommendation mm (in)	
SAE heaped	CECE	Without sidecutters	With sidecutters		4,600 (15' 5") Boom	
0.21 (0.28)	0.20 (0.26)	0.20 (0.26)	0.20 (0.26)	335 (13.2)	4,100 (13' 5") Boom	
0.40 (0.52)	0.35 (0.46)	0.40 (0.52)	0.40 (0.52)	410 (150)	4,000 (13' 1") Adjustable Booms	
0.46 (0.60)	0.40 (0.52)	0.40 (0.52)	0.40 (0.52)	470 (165)	3,800 (12' 6") Adjustable Booms	
0.52 (0.68)	0.45 (0.59)	0.45 (0.59)	0.45 (0.59)	480 (170)	3,600 (12' 0") Adjustable Booms	
0.58 (0.76)	0.50 (0.65)	0.50 (0.65)	0.50 (0.65)	480 (170)	3,400 (11' 2") Adjustable Booms	
0.65 (0.85)	0.55 (0.72)	0.55 (0.72)	0.55 (0.72)	500 (180)	3,200 (10' 6") Adjustable Booms	
0.71 (0.93)	0.60 (0.78)	0.60 (0.78)	0.60 (0.78)	540 (190)	3,000 (9' 10") Adjustable Booms	
0.85 (1.11)	0.65 (0.85)	0.65 (0.85)	0.65 (0.85)	600 (210)	2,800 (9' 2") Adjustable Booms	
0.93 (1.22)	0.70 (0.93)	0.70 (0.93)	0.70 (0.93)	620 (215)	2,600 (8' 6") Adjustable Booms	
1.05 (1.38)	0.75 (0.99)	0.75 (0.99)	0.75 (0.99)	640 (220)	2,400 (7' 10") Adjustable Booms	
1.13 (1.48)	0.80 (1.05)	0.80 (1.05)	0.80 (1.05)	660 (225)	2,200 (7' 2") Adjustable Booms	
1.21 (1.58)	0.85 (1.11)	0.85 (1.11)	0.85 (1.11)	680 (230)	2,000 (6' 6") Adjustable Booms	
1.29 (1.68)	0.90 (1.17)	0.90 (1.17)	0.90 (1.17)	700 (235)	1,800 (5' 10") Adjustable Booms	
1.37 (1.78)	0.95 (1.24)	0.95 (1.24)	0.95 (1.24)	720 (240)	1,600 (5' 2") Adjustable Booms	
1.45 (1.88)	1.00 (1.31)	1.00 (1.31)	1.00 (1.31)	740 (245)	1,400 (4' 6") Adjustable Booms	
1.53 (2.00)	1.05 (1.38)	1.05 (1.38)	1.05 (1.38)	760 (250)	1,200 (3' 10") Adjustable Booms	
1.61 (2.10)	1.10 (1.45)	1.10 (1.45)	1.10 (1.45)	780 (255)	1,000 (3' 0") Adjustable Booms	
1.69 (2.21)	1.15 (1.52)	1.15 (1.52)	1.15 (1.52)	800 (260)	800 (2' 6") Adjustable Booms	
1.77 (2.31)	1.20 (1.59)	1.20 (1.59)	1.20 (1.59)	820 (265)	600 (2' 0") Adjustable Booms	
1.85 (2.42)	1.25 (1.66)	1.25 (1.66)	1.25 (1.66)	840 (270)	400 (1' 4") Adjustable Booms	
1.93 (2.52)	1.30 (1.73)	1.30 (1.73)	1.30 (1.73)	860 (275)	200 (0' 10") Adjustable Booms	
2.01 (2.63)	1.35 (1.80)	1.35 (1.80)	1.35 (1.80)	880 (280)	100 (0' 3") Adjustable Booms	
2.09 (2.73)	1.40 (1.87)	1.40 (1.87)	1.40 (1.87)	900 (285)	50 (0' 0") Adjustable Booms	
2.17 (2.84)	1.45 (1.94)	1.45 (1.94)	1.45 (1.94)	920 (290)	20 (0' 0") Adjustable Booms	
2.25 (2.94)	1.50 (2.01)	1.50 (2.01)	1.50 (2.01)	940 (295)	10 (0' 0") Adjustable Booms	
2.33 (3.05)	1.55 (2.08)	1.55 (2.08)	1.55 (2.08)	960 (300)	5 (0' 0") Adjustable Booms	
2.41 (3.15)	1.60 (2.15)	1.60 (2.15)	1.60 (2.15)	980 (305)	2 (0' 0") Adjustable Booms	
2.49 (3.26)	1.65 (2.22)	1.65 (2.22)	1.65 (2.22)	1,000 (310)	1 (0' 0") Adjustable Booms	
2.57 (3.36)	1.70 (2.29)	1.70 (2.29)	1.70 (2.29)	1,020 (315)	0 (0' 0") Adjustable Booms	
2.65 (3.47)	1.75 (2.36)	1.75 (2.36)	1.75 (2.36)	1,040 (320)	0 (0' 0") Adjustable Booms	
2.73 (3.57)	1.80 (2.43)	1.80 (2.43)	1.80 (2.43)	1,060 (325)	0 (0' 0") Adjustable Booms	
2.81 (3.68)	1.85 (2.50)	1.85 (2.50)	1.85 (2.50)	1,080 (330)	0 (0' 0") Adjustable Booms	
2.89 (3.78)	1.90 (2.57)	1.90 (2.57)	1.90 (2.57)	1,100 (335)	0 (0' 0") Adjustable Booms	
2.97 (3.89)	1.95 (2.64)	1.95 (2.64)	1.95 (2.64)	1,120 (340)	0 (0' 0") Adjustable Booms	
3.05 (3.99)	2.00 (2.71)	2.00 (2.71)	2.00 (2.71)	1,140 (345)	0 (0' 0") Adjustable Booms	
3.13 (4.10)	2.05 (2.78)	2.05 (2.78)	2.05 (2.78)	1,160 (350)	0 (0' 0") Adjustable Booms	
3.21 (4.20)	2.10 (2.85)	2.10 (2.85)	2.10 (2.85)	1,180 (355)	0 (0' 0") Adjustable Booms	
3.29 (4.31)	2.15 (2.92)	2.15 (2.92)	2.15 (2.92)	1,200 (360)	0 (0' 0") Adjustable Booms	
3.37 (4.41)	2.20 (2.99)	2.20 (2.99)	2.20 (2.99)	1,220 (365)	0 (0' 0") Adjustable Booms	
3.45 (4.52)	2.25 (3.06)	2.25 (3.06)	2.25 (3.06)	1,240 (370)	0 (0' 0") Adjustable Booms	
3.53 (4.62)	2.30 (3.13)	2.30 (3.13)	2.30 (3.13)	1,260 (375)	0 (0' 0") Adjustable Booms	
3.61 (4.73)	2.35 (3.20)	2.35 (3.20)	2.35 (3.20)	1,280 (380)	0 (0' 0") Adjustable Booms	
3.69 (4.83)	2.40 (3.27)	2.40 (3.27)	2.40 (3.27)	1,300 (385)	0 (0' 0") Adjustable Booms	
3.77 (4.94)	2.45 (3.34)	2.45 (3.34)	2.45 (3.34)	1,320 (390)	0 (0' 0") Adjustable Booms	
3.85 (5.04)	2.50 (3.41)	2.50 (3.41)	2.50 (3.41)	1,340 (395)	0 (0' 0") Adjustable Booms	
3.93 (5.15)	2.55 (3.48)	2.55 (3.48)	2.55 (3.48)	1,360 (400)	0 (0' 0") Adjustable Booms	
4.01 (5.25)	2.60 (3.55)	2.60 (3.55)	2.60 (3.55)	1,380 (405)	0 (0' 0") Adjustable Booms	
4.09 (5.36)	2.65 (3.62)	2.65 (3.62)	2.65 (3.62)	1,400 (410)	0 (0' 0") Adjustable Booms	
4.17 (5.46)	2.70 (3.69)	2.70 (3.69)	2.70 (3.69)	1,420 (415)	0 (0' 0") Adjustable Booms	
4.25 (5.57)	2.75 (3.76)	2.75 (3.76)	2.75 (3.76)	1,440 (420)	0 (0' 0") Adjustable Booms	
4.33 (5.67)	2.80 (3.83)	2.80 (3.83)	2.80 (3.83)	1,460 (425)	0 (0' 0") Adjustable Booms	
4.41 (5.78)	2.85 (3.90)	2.85 (3.90)	2.85 (3.90)	1,480 (430)	0 (0' 0") Adjustable Booms	
4.49 (5.88)	2.90 (3.97)	2.90 (3.97)	2.90 (3.97)	1,500 (435)	0 (0' 0") Adjustable Booms	
4.57 (5.99)	2.95 (4.04)	2.95 (4.04)	2.95 (4.04)	1,520 (440)	0 (0' 0") Adjustable Booms	
4.65 (6.09)	3.00 (4.11)	3.00 (4.11)	3.00 (4.11)	1,540 (445)	0 (0' 0") Adjustable Booms	
4.73 (6.20)	3.05 (4.18)	3.05 (4.18)	3.05 (4.18)	1,560 (450)	0 (0' 0") Adjustable Booms	
4.81 (6.30)	3.10 (4.25)	3.10 (4.25)	3.10 (4.25)	1,580 (455)	0 (0' 0") Adjustable Booms	
4.89 (6.41)	3.15 (4.32)	3.15 (4.32)	3.15 (4.32)	1,600 (460)	0 (0' 0") Adjustable Booms	
4.97 (6.51)	3.20 (4.39)	3.20 (4.39)	3.20 (4.39)	1,620 (465)	0 (0' 0") Adjustable Booms	
5.05 (6.62)	3.25 (4.46)	3.25 (4.46)	3.25 (4.46)	1,640 (470)	0 (0' 0") Adjustable Booms	
5.13 (6.72)	3.30 (4.53)	3.30 (4.53)	3.30 (4.53)	1,660 (475)	0 (0' 0") Adjustable Booms	
5.21 (6.83)	3.35 (4.60)	3.35 (4.60)	3.35 (4.60)	1,680 (480)	0 (0' 0") Adjustable Booms	
5.29 (6.93)	3.40 (4.67)	3.40 (4.67)	3.40 (4.67)	1,700 (485)	0 (0' 0") Adjustable Booms	
5.37 (6.94)	3.45 (4.74)	3.45 (4.74)	3.45 (4.74)	1,720 (490)	0 (0' 0") Adjustable Booms	
5.45 (6.95)	3.50 (4.81)	3.50 (4.81)	3.50 (4.81)	1,740 (495)	0 (0' 0") Adjustable Booms	
5.53 (6.96)	3.55 (4.88)	3.55 (4.88)	3.55 (4.88)	1,760 (500)	0 (0' 0") Adjustable Booms	
5.61 (6.97)	3.60 (4.95)	3.60 (4.95)	3.60 (4.95)	1,780 (505)	0 (0' 0") Adjustable Booms	
5.69 (6.98)	3.65 (5.02)	3.65 (5.02)	3.65 (5.02)	1,800 (510)	0 (0' 0") Adjustable Booms	
5.77 (6.99)	3.70 (5.09)	3.70 (5.09)	3.70 (5.09)	1,820 (515)	0 (0' 0") Adjustable Booms	
5.85 (7.00)	3.75 (5.16)	3.75 (5.16)	3.75 (5.16)	1,840 (520)	0 (0' 0") Adjustable Booms	
5.93 (7.01)	3.80 (5.23)	3.80 (5.23)	3.80 (5.23)	1,860 (525)	0 (0' 0") Adjustable Booms	
6.01 (7.02)	3.85 (5.30)	3.85 (5.30)	3.85 (5.30)	1,880 (530)	0 (0' 0") Adjustable Booms	
6.09 (7.03)	3.90 (5.37)	3.90 (5.37)	3.90 (5.37)	1,900 (535)	0 (0' 0") Adjustable Booms	
6.17 (7.04)	3.95 (5.44)	3.95 (5.44)	3.95 (5.44)	1,920 (540)	0 (0' 0") Adjustable Booms	
6.25 (7.05)	4.00 (5.51)	4.00 (5.51)	4.00 (5.51)	1,940 (545)	0 (0' 0") Adjustable Booms	
6.33 (7.06)	4.05 (5.58)	4.05 (5.58)	4.05 (5.58)	1,960 (550)	0 (0' 0") Adjustable Booms	
6.41 (7.07)	4.10 (5.65)	4.10 (5.65)	4.10 (5.65)	1,980 (555)	0 (0' 0") Adjustable Booms	
6.49 (7.08)	4.15 (5.72)	4.15 (5.72)	4.15 (5.72)	2,000 (560)	0 (0' 0") Adjustable Booms	
6.57 (7.09)	4.20 (5.79)	4.20 (5.79)	4.20 (5.79)	2,020 (565)	0 (0' 0") Adjustable Booms	
6.65 (7.10)	4.25 (5.86)	4.25 (5.86)	4.25 (5.86)	2,040 (570)	0 (0' 0") Adjustable Booms	
6.73 (7.11)	4.30 (5.93)	4.30 (5.93)	4.30 (5.93)	2,060 (575)	0 (0' 0") Adjustable Booms	
6.81 (7.12)	4.35 (6.00)	4.35 (6.00)	4.35 (6.00)	2,080 (580)	0 (0' 0") Adjustable Booms	
6.89 (7.13)	4.40 (6.07)	4.40 (6.07)	4.40 (6.07)	2,100 (585)	0 (0' 0") Adjustable Booms	
6.97 (7.14)	4.45 (6.14)	4.45 (6.14)	4.45 (6.14)	2,120 (590)	0 (0' 0") Adjustable Booms	
7.05 (7.15)	4.50 (6.21)	4.50 (6.21)	4.50 (6.21)	2,140 (595)	0 (0' 0") Adjustable Booms	
7.13 (7.16)	4.55 (6.28)	4.55 (6.28)	4.55 (6.28)	2,160 (600)	0 (0' 0") Adjustable Booms	
7.21 (7.17)	4.60 (6.35)	4.60 (6.35)	4.60 (6.35)	2,180 (605)	0 (0' 0") Adjustable Booms	
7.29 (7.18)	4.65 (6.42)	4.65 (6.42)	4.65 (6.42)	2,200 (610)	0 (0' 0") Adjustable Booms	
7.37 (7.19)	4.70 (6.49)	4.70 (6.49)	4.70 (6.49)	2,220 (615)	0 (0' 0") Adjustable Booms	
7.45 (7.20)	4.75 (6.56)	4.75 (6.56)	4.75 (6.56)	2,240 (620)	0 (0' 0") Adjustable Booms	
7.53 (7.21)	4.80 (6.63)	4.80 (6.63)	4.80 (6.63)	2,260 (625)	0 (0' 0") Adjustable Booms	
7.61 (7.22)	4.85 (6.70)	4.85 (6.70)	4.85 (6.70)	2,280 (630)	0 (0' 0") Adjustable Booms	
7.69 (7.23)	4.90 (6.77)	4.90 (6.77)	4.90 (6.77)	2,300 (635)	0 (0' 0") Adjustable Booms	
7.77 (7.24)	4.95 (6.84)	4.95 (6.84)	4.95 (6.84)	2,320 (640)	0 (0' 0") Adjustable Booms	
7.85 (7.25)	5.00 (6.91)	5.00 (6.91)	5.00 (6.91)	2,340 (645)	0 (0' 0") Adjustable Booms	
7.93 (7.26)	5.05 (6.98)	5.05 (6.98)	5.05 (6.98)	2,360 (650)	0 (0' 0") Adjustable Booms	
8.01 (7.27)	5.10 (7.05)	5.10 (7.05)	5.10 (7.05)	2,380 (655)	0 (0' 0") Adjustable Booms	
8.09 (7.28)	5.15 (7.12)	5.15 (7.12)	5.15 (7.12)	2,400 (660)	0 (0' 0") Adjustable Booms	
8.17 (7.29)	5.20 (7.19)	5.20 (7.19)	5.20 (7.19)	2,420 (665)	0 (0' 0") Adjustable Booms	
8.25 (7.30)	5.25 (7.26)	5.25 (7.26)	5.25 (7.26)	2,440 (670)	0 (0' 0") Adjustable Booms	
8.33 (7.31)	5.30 (7.33)	5.30 (7.33)	5.30 (7.33)	2,460 (675)	0 (0' 0") Adjustable Booms	
8.41 (7.32)	5.35 (7.40)	5.35 (7.40)	5.35 (7.40)	2,480 (680)	0 (0' 0") Adjustable Booms	
8.49 (7.33)	5.40 (7.47)	5.40 (7.47)	5.40 (7.47)	2,500 (685)	0 (0' 0") Adjustable Booms	
8.57 (7.34)	5.45 (7.54)	5.45 (7.54)	5.45 (7.54)	2,520 (690)	0 (0' 0") Adjustable Booms	
8.65 (7.35)	5.50 (7.61)	5.50 (7.61)	5.50 (7.61)	2,540 (695)	0 (0' 0") Adjustable Booms	
8.73 (7.36)	5.55 (7.68)	5.55 (7.68)	5.55 (7.68)	2,560 (700)	0 (0' 0") Adjustable Booms	
8.81 (7.37)	5.60 (7.75)	5.60 (7.75)	5.60 (7.75)	2,580 (705)	0 (0' 0") Adjustable Booms	
8.89 (7.38)	5.65 (7.82)	5.65 (7.82)	5.65 (7.82)	2,600 (710)	0 (0' 0") Adjustable Booms	
8.97 (7.39)	5.70 (7.89)	5.70 (7.89)	5.70 (7.89)	2,620 (715)	0 (0' 0") Adjustable Booms	
9.05 (7.40)	5.75 (7.96)	5.75 (7.96)	5.75 (7.96)	2,640 (720)	0 (0' 0") Adjustable Booms	
9.13 (7.41)	5.80 (8.03)	5.80 (8.03)	5.80 (8.03)	2,660 (725)	0 (0' 0") Adjustable Booms	
9.21 (7.42)	5.85 (8.10)	5.85 (8.10)	5.85 (8.10)	2,680 (730)	0 (0' 0") Adjustable Booms	
9.29 (7.43)	5.90 (8.17)	5.90 (8.17)	5.90 (8.17)	2,700 (735)	0 (0' 0") Adjustable Booms	
9.37 (7.44)	5.95 (8.24)	5.95 (8.24)	5.95 (8.24)	2,720 (740)	0 (0' 0") Adjustable Booms	
9.45 (7.45)	6.00 (8.31)	6.00 (8.31)	6.00 (8.31)	2,740 (745)	0 (0' 0") Adjustable Booms	
9.53 (7.46)	6.05 (8.38)	6.05 (8.38)	6.05 (8.38)	2,760 (750)	0 (0' 0") Adjustable Booms	
9.61 (7.47)	6.10 (8.45)	6.10 (8.45)	6.10 (8.45)	2,780 (755)	0 (0' 0") Adjustable Booms	
9.69 (7.48)	6.15 (8.52)	6.15 (8.52)	6.15 (8.52)	2,800 (760)	0 (0' 0") Adjustable Booms	
9.77 (7.49)	6.20 (8.59)	6.20 (8.59)	6.20 (8.59)	2,820 (765)	0 (0' 0") Adjustable Booms	
9.85 (7.50)	6.25 (8.66)	6.25 (8.66)	6.25 (8.66)	2,840 (770)	0 (0' 0") Adjustable Booms	
9.93 (7.51)	6.30 (8.73)	6.30 (8.73)	6.30 (8.73)	2,860 (775)	0 (0' 0") Adjustable Booms	
10.01 (7.52)	6.35 (8.80)	6.35 (8.80)	6.35 (8.80)	2,880 (780)	0 (0' 0") Adjustable Booms	
10.09 (7.53)	6.40 (8.87)	6.40 (8.87)	6.40 (8.87)	2,900 (785)	0 (0' 0") Adjustable Booms	
10.17 (7.54)	6.45 (8.94)	6.45 (8.94)	6.45 (8.94)	2,920 (790)	0 (0' 0") Adjustable Booms	
10.25 (7.55)	6.50 (9.01)	6.50 (9.01)	6.50 (9.01)	2,940 (795)	0 (0' 0") Adjustable Booms	
10.33 (7.56)	6.55 (9.08)	6.55 (9.08)	6.55 (9.08)	2,960 (800)	0 (0' 0") Adjustable Booms	
10.41 (7.57)	6.60 (9.15)	6.60 (9.15)	6.60 (9.15)	2,980 (805)	0 (0' 0") Adjustable Booms	
10.49 (7.58)	6.65 (9.22)	6.65 (9.22)	6.65 (9.22)	3,000 (810)	0 (0' 0") Adjustable Booms	
10.57 (7.59)	6.70 (9.29)	6.70 (9.29)	6.70 (9.29)	3,020 (815)	0 (0' 0") Adjustable Booms	
10.65 (7.60)	6.75 (9.36)	6.75 (9.36				

Dimensions & Working Range

R140LC-9 DIMENSIONS



		Unit: mm (in)					
		4,000 (13' 1")			4,100 (13' 5")		
A	Tumbler distance	3,000 (9' 10")					
B	Overall length of crawler	3,750 (12' 4")					
C	Ground clearance of counterweight	940 (3' 1")					
D	Tail swing radius	2,330 (7' 7")					
D'	Rear-end length	2,330 (7' 7")					
E	Overall width of upperstructure	2,500 (8' 2")					
F	Overall height of cab	2,860 (9' 4")					
G	Min. ground clearance	440 (1' 5")					
H	Track gauge	2,000 (6' 7")					
		4,000 (13' 1")			4,100 (13' 5")		
		Arm length	1,900 (6' 3")	2,100 (6' 11")	1,900 (6' 3")	2,100 (6' 11")	
		Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,130 (26' 8")	8,790 (28' 10")	7,260 (23' 10")
		Max. digging reach on ground	7,680 (25' 2")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,260 (23' 10")
		Max. digging depth	4,950 (16' 3")	5,150 (16' 10")	5,150 (16' 10")	5,050 (16' 7")	4,740 (15' 7")
		Max. digging depth (B level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 9")
		Max. vertical wall digging depth	4,650 (15' 3")	4,990 (16' 5")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")
		Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,600 (28' 1")	8,780 (28' 5")	7,700 (25' 6")
		Max. dumping height	5,670 (18' 7")	5,760 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 6")
		Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,460 (8' 1")

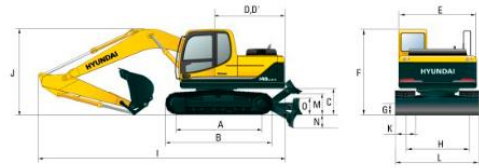
R140LC-9 WORKING RANGE



		Unit: mm (in)					
		4,000 (13' 1")			4,100 (13' 5")		
		Arm length	1,900 (6' 3")	2,100 (6' 11")	1,900 (6' 3")	2,100 (6' 11")	
		Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,130 (26' 8")	8,790 (28' 10")	7,260 (23' 10")
		Max. digging reach on ground	7,680 (25' 2")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,260 (23' 10")
		Max. digging depth	4,950 (16' 3")	5,150 (16' 10")	5,150 (16' 10")	5,050 (16' 7")	4,740 (15' 7")
		Max. digging depth (B level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 9")
		Max. vertical wall digging depth	4,650 (15' 3")	4,990 (16' 5")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")
		Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,600 (28' 1")	8,780 (28' 5")	7,700 (25' 6")
		Max. dumping height	5,670 (18' 7")	5,760 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 6")
		Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,460 (8' 1")

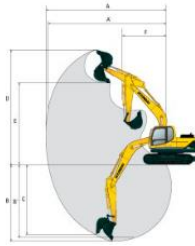
Dimensions & Working Range

R140LCD-9 DIMENSIONS



		Unit: mm (in)					
		4,000 (13' 1")			4,100 (13' 5")		
A	Tumbler distance	3,000 (9' 10")					
B	Overall length of crawler	3,750 (12' 4")					
C	Ground clearance of counterweight	940 (3' 1")					
D	Tail swing radius	2,330 (7' 7")					
D'	Rear-end length	2,330 (7' 7")					
E	Overall width of upperstructure	2,500 (8' 2")					
F	Overall height of cab	2,860 (9' 4")					
G	Min. ground clearance	440 (1' 5")					
H	Track gauge	2,000 (6' 7")					
M	Ground clearance of blade up	560 (1' 8")					
N	Depth of blade down	560 (1' 8")					
O	Height of blade	550 (1' 8")					
		Width of blade 2,580 (8' 5") 2,680 (8' 8")					
		4,000 (13' 1")			4,100 (13' 5")		
		Arm length	1,900 (6' 3")	2,100 (6' 11")	1,900 (6' 3")	2,100 (6' 11")	
		Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,130 (26' 8")	8,790 (28' 10")	7,260 (23' 10")
		Max. digging reach on ground	7,680 (25' 2")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,260 (23' 10")
		Max. digging depth	4,950 (16' 3")	5,150 (16' 10")	5,150 (16' 10")	5,050 (16' 7")	4,740 (15' 7")
		Max. digging depth (B level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 9")
		Max. vertical wall digging depth	4,650 (15' 3")	4,990 (16' 5")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")
		Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,600 (28' 1")	8,780 (28' 5")	7,700 (25' 6")
		Max. dumping height	5,670 (18' 7")	5,760 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 6")
		Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,460 (8' 1")

R140LCD-9 WORKING RANGE



		Unit: mm (in)					
		4,000 (13' 1")			4,100 (13' 5")		
		Arm length	1,900 (6' 3")	2,100 (6' 11")	1,900 (6' 3")	2,100 (6' 11")	
		Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,130 (26' 8")	8,790 (28' 10")	7,260 (23' 10")
		Max. digging reach on ground	7,680 (25' 2")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,260 (23' 10")
		Max. digging depth	4,950 (16' 3")	5,150 (16' 10")	5,150 (16' 10")	5,050 (16' 7")	4,740 (15' 7")
		Max. digging depth (B level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 9")
		Max. vertical wall digging depth	4,650 (15' 3")	4,990 (16' 5")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")
		Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,600 (28' 1")	8,780 (28' 5")	7,700 (25' 6")
		Max. dumping height	5,670 (18' 7")	5,760 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 6")
		Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,460 (8' 1")