

We build a better future

Robex

140LC-9

Equipped with Tier 3 Engine



*Photo may include optional equipment

Robex 140LC-9



*Photo may include optional equipment.

BUILT FOR MAXIMUM POWER, PERFORMANCE AND RELIABILITY.

Hyundai Heavy Industries enters a new chapter in construction equipment.



Hi-mate, Hyundai's newly developed remote management system, using GPS-satellite technology, provides our customers with the highest level of service and product support. Hi-mate enables machine owners to follow-up machine performance, to verify machine location and to access diagnostic information on a distance through any internet connection.

Cabin Design

A complete re-designed cabin offers low noise operation and increased visibility, providing a pleasant working environment for the operator.

Ergonomic Joysticks

New joystick grips, equipped with 4 switches, are offering precise control.



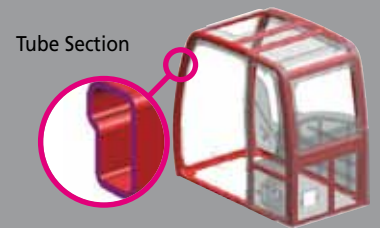
Spacious Cabin with Excellent Visibility

The spacious cabin is ergonomically designed with low noise levels and high visibility. A full-view front window, combined with large rear and side windows provide excellent visibility in all directions.



Enhanced Structure

For optimum safety, the cabin tube-structure has been reinforced.



- 1 Handsfree mobile phone with USB charging device
- 2 Cup holders and ashtray
- 3 Radio / MP3 Player with remote control and AUX-input
- 4 Heated seat (Optional)
- 5 Storage compartment
- 6 Additional storage space



Centralized Control Panel



Sunroof with Sliding Cover



Adjustable Operator's Seat



Rear Window Emergency Exit



*Photo may include optional equipment.



Window Locking Device

Performance & Safety Features

Overcome the limits with Robex 9 Series.



*Photo may include optional equipment.



**Rearview Camera
(Optional)**



Track Rail Guard & Adjusters

Durable track rail guards keep tracks in place. Track adjustment is made easy with standard grease cylinder track adjusters and shock absorbing springs.

Mitsubishi D04FD-TAA Engine

The 4 cylinders turbocharged and charged air cooled, engine is built for power, reliability and economy. This engine meets EPA tier 3 and EU stage 3A emission regulation.



Reliability You Can Depend On

When you have a tough job to do you need the power, precision and flexibility of a Mitsubishi D04FD-TAA engines.

It features major enhancements to make every piece of equipment work harder, smarter, quieter and longer.

The high Pressure Common Rail Fuel System provides enhanced engine performance with higher torque and better throttle response at every rpm without compromising fuel economy.

This engines combines full authority electronic controls with reliable performance you expect from one of the most successful and durable engine designs.



Strong and Stable Lower Frame

The reinforced box-section frame is welded using low-stress, high-strength steel. The X-leg type center frame is integrally welded for maximum strength and durability.



1 Reinforced Bucket and Bucket Linkage
Sealed bucket linkage produces less wear of pins and bushes.

2 Engine Speed Control - Dial-Type

3 Power Boost Function



Safety Lever



Master Switch



Anti-Restart System



Anti-Slip Plates on Upper Structure

Unique Hydraulic System

Powerful and precise control with a straightforward design

Advanced CAPO System

The advanced CAPO (Computer Aided Power Optimization) system tunes engine and pump power to optimum levels. Multiple mode selections are implemented for specific applications, maintaining high performance while reducing fuel consumption. Additional features include auto deceleration and power boost.

The LCD-display monitors engine speed, coolant and hydraulic oil temperature and through the self-diagnostic capability, it displays current error codes.













Large Display with Toggle Switch (7inch Wide LCD)

The LCD-display can be adjusted to your personal preferences, making it easy to check all critical systems via easy-to-read indicators.









Multi Function Color LCD-Display



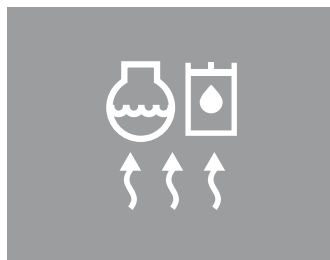
-  Warning Lights
-  1 Engine Coolant Temperature Gauge
-  2 Fuel Level Gauge
-  3 Hyd. Oil Temperature Gauge
-  4 RPM/Tripmeter Display
-  5 Accel Dial Gauge
-  Power mode (P/S/E)
-  Work mode (Digging/Breaker/Crusher)
-  Attachment mode
-  Additional information
-  Travel mode
-  Auto deceleration mode



-  1 Back-up switches for Cluster Operation
-  2 Adjust Flow Settings Attachment Modes: Breaker/Crusher
-  3 User Mode: Saving Operator Preferences
-  4 Self-Diagnostics System
-  5 Maintenance List & Security Password
-  6 Rearview Camera (Optional)



Engine Overheat Prevention



Automatic Warm-Up System



Optimum Hydraulic Performance

Increased pump output capacity through a fine-tuned flow according to the pressure in the hydraulic system.

Auto Deceleration System

When joysticks or travel pedals are in the neutral position during more than 4 seconds, the engine speed will be reduced to 1000 rpm. After 60 seconds, engine speed is automatically reduced to low idle. In this way fuel consumption and cab noise levels are reduced.

Boom & Arm Holding System

Holding valves in the main control valve prevent unexpected boom & arm lowering.

Boom & Arm Flow Regeneration System

The flow regeneration valve saves fuel and increases productivity without cylinder cavitation.

Hydraulic Dampers in Travel Pedal

Smoother and improved travel controllability has been achieved via shock reducing components.

Pump Flow Regulation

Without activating hydraulic functions, the pump flow is minimized to reduce power loss. During operation, optimum pump flow is delivered to the actuator to increase speed. Movements of the joysticks automatically adjust pump flow, with actuator speed controlled proportionally.

Power Boost System

In power mode, the digging forces increase automatically about 10% when necessary. In standard and economy mode the Power Boost system can be activated manually.

One-Touch Deceleration System

When the one-touch deceleration switch is engaged, the MCU limits the engine to idling speed. When the one-touch deceleration switch is disengaged, the engine speed recovers to preset rpm.

Self-Diagnostics System

The MCU diagnoses problems in the CAPO system caused by electric and hydraulic malfunctions and displays the corresponding error code on the LCD-display. The information on this display, including engine rpm, main pump pressure, battery voltage, hydraulic temperature and the status of electric switches, allows the operator to know the operating conditions of the machine. This facilitates troubleshooting problems that may occur.

Attachment Flow Control System

In attachment mode, maximum hydraulic pump flow can be preset. During operation, the hydraulic pump flow can be adjusted in steps with the toggle-switch.



Reliability & Maintenance

Centralized Grease Fittings

Grease fittings are centralized and well accessible for easy service.



Easy Maintenance Components

Cooling and pre-heating systems are designed for a quick start-up and an optimal operation, guaranteeing longer life of engine and hydraulic components. Servicing engine and hydraulics has been considerably simplified due to improved accessibility.



Open Arrangement of Cooling and Electrical compartment

Unrestricted access to vital components allows easy maintenance and repairs.



Extended Exchange Interval of Filters

- 1 Drain Filter (1,000 hr)
- 2 Fuel Pre-Filter (500 hr)



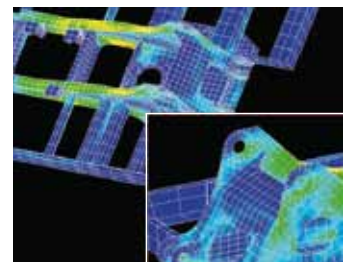
Easy to Access Electric Box



Easy to Change Air Filter



Large Toolbox



Structure Durability proven via FEM (Finite Element Method) Analysis and Long-Term Durability Tests.



*Photo may include optional equipment.

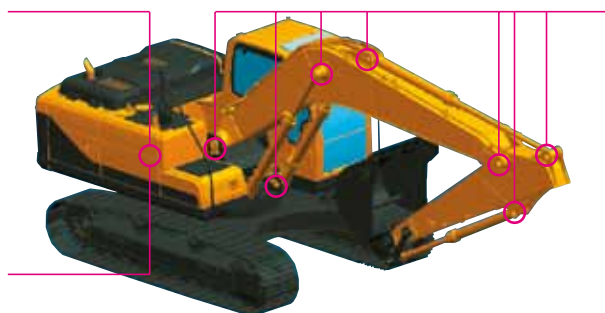
Extended Life of Hydraulic Oil Filter

Fiber glass filters with extended exchange intervals (250 hr → 1,000 hr)



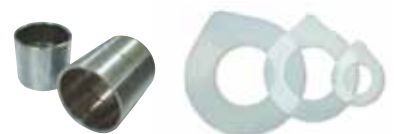
Extended Life of Hydraulic Oil

Better protection against oxidation and heat (2,000hr → 5,000 hr)



Extended Life of Lubricant Bush & Ultra High Molecular Weight Polymer Shim

(Wear Resistant & Noise Reducing)



Specifications

ENGINE

MODEL	MITSUBISHI D04FD-TAA		
Type	Water cooled, 4 cycle Diesel, 4-Cylinders in line, direct injection, turbocharged, charged air cooled and low emission		
Rated flywheel horse power	SAE	J1995 (gross)	119 HP (89 kW) / 2,000 rpm
		J1349 (net)	113 HP (85 kW) / 2,000 rpm
	DIN	6271/1 (gross)	121 PS (89 kW) / 2,000 rpm
		6271/1 (net)	115 PS (85 kW) / 2,000 rpm
Max. torque	45.4 kgf.m (328 lbf.ft) / 1,700 rpm		
Bore x stroke	102 x 130 mm (4.01" x 5.12")		
Piston displacement	4,249 cc (259 in ³)		
Batteries	2 X 12V X 100AH		
Starting motor	24 V - 5.0 kW		
Alternator	24 V - 50 Amp		

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Two variable displacement piston pumps
Max. flow	2 X 123.5 L/min (32.6 US gpm / 27.2 UK gpm)
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system	

HYDRAULIC MOTORS

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

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm ² (4,978 psi)
Travel	350 kgf/cm ² (4,978 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,404 psi)
Swing circuit	265 kgf/cm ² (3,769 psi)
Pilot circuit	40 kgf/cm ² (568 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder-bore x stroke	Boom : 2 - 105 x 1,075 mm (4.1" x 42.3")
	Arm : 1 - 115 x 1,138 mm (4.5" x 44.8")
	Bucket : 1 - 100 x 837 mm (3.9" x 33.0")
	Blade : 2 - 100 x 260 mm (3.9" x 10.2")
	1st boom (adjustable-boom) : 2 - 105 x 975 mm (4.1" x 38.4")
	Adjustable-boom : 1 - 145 x 613 mm (5.7" x 24.1")

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary 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 (LH): Swing and arm (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type
Lights	Two lights mounted on the boom, one light mounted in the battery box

SWING SYSTEM

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	12 rpm

COOLANT & LUBRICANT CAPACITY

Refilling	liter	US gal	UK gal
Fuel tank	270.0	71.3	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 (each) - gear oil	3.0	0.79	0.66
Hydraulic system (including tank)	210.0	55.5	46.2
Hydraulic tank	124.0	32.8	27.3

UNDERCARRIAGE

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

Center frame	X - leg type	
Track frame	Pentagonal box type	
No. of shoes on each side	46	47
No. of carrier rollers on each side	1	2
No. of track rollers on each side	7	7
No. of rail guards on each side	2	2

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 4,600 mm (15' 1") boom, 2,500 mm (8' 2") arm, SAE heaped 0.58 m³ (0.76 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

MAJOR COMPONENT WEIGHT

Upperstructure	3,820 kg (8,422 lb)
Counterweight	2,000 kg (4,409 lb)
4.6 m (15' 1") mono boom (with arm cylinder)	1,030 kg (2,270 lb)

OPERATING WEIGHT

Shoes			Operating weight	Ground pressure
Type	Width mm (in)		kg (lb)	kgf/cm ² (psi)
Triple grouser	500 (20")	R140LC-9	13,790 (30,400)	0.43 (6.11)
		R140LCD-9	14,590 (32,160)	0.45 (6.40)
	600 (24")	R140LC-9	13,980 (30,820)	0.36 (5.12)
		R140LCD-9	14,800 (32,630)	0.38 (5.40)
	700 (28")	R140LC-9	14,210 (31,330)	0.32 (4.55)
	800 (32")	R140LCM-9	16,880 (37,210)	0.32 (4.55)
Double grouser	710 (28")	R140LCM-9	16,880 (37,210)	0.36 (5.12)

BUCKETS

All buckets are welded with high-strength steel



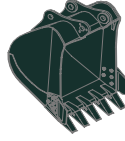
0.23 (0.30)



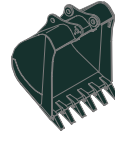
0.40 (0.52)
0.46 (0.60)



0.52 (0.68)
0.58 (0.76)



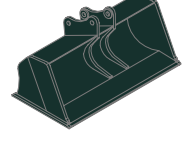
0.65 (0.85)



0.71 (0.93)



● 0.45 (0.59)



★ 0.55 (0.72)

SAE heaped m³ (yd³)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)								
SAE heaped	CECE heaped	Without side cutters	With side cutters		4,600 (15' 1") Boom			4,100 (13' 5") Boom		4,900 (16' 1") Adjustable Boom			
					1,900 (6' 3") Arm	2,100 (6' 11") Arm	2,500 (8' 2") Arm	3,000 (9' 10") Arm	1,900 (6' 3") Arm	2,100 (6' 11") Arm	1,900 (6' 3") Arm	2,100 (6' 11") Arm	2,500 (8' 2") Arm
0.23 (0.30)	0.20 (0.26)	520 (20.5)	620 (24.4)	335 (740)	●	●	●	■	●	●	●	●	●
0.40 (0.52)	0.35 (0.46)	760 (29.9)	860 (33.9)	410 (900)	●	●	●	■	●	●	●	●	●
0.46 (0.60)	0.40 (0.52)	850 (33.5)	950 (37.4)	435 (960)	●	●	●	▲	●	●	●	●	■
0.52 (0.68)	0.45 (0.59)	935 (36.8)	1,035 (40.8)	460 (1,010)	●	●	●	-	●	●	●	■	■
0.58 (0.76)	0.50 (0.65)	1,030 (40.6)	1,130 (44.5)	480 (1,060)	●	●	■	-	●	●	■	▲	▲
0.65 (0.85)	0.55 (0.72)	1,110 (43.7)	1,210 (47.6)	500 (1,100)	■	■	▲	-	●	■	▲	▲	-
0.71 (0.93)	0.60 (0.78)	1,205 (47.4)	-	540 (1,190)	▲	▲	-	-	■	▲	▲	-	-
● 0.45 (0.59)	0.40 (0.52)	1,520 (59.8)	-	410 (900)	●	●	■	-	●	●	■	■	▲
★ 0.55 (0.72)	0.45 (0.59)	1,800 (70.9)	-	585 (1,290)	■	■	▲	-	●	●	■	▲	▲

● Slope finishing bucket

★ Ditch cleaning bucket

● Applicable for materials with density of 2,000 kg / m³ (3,370 lb / yd³) or less

■ Applicable for materials with density of 1,600 kg / m³ (2,700 lb / yd³) or less

▲ Applicable for materials with density of 1,100 kg / m³ (1,850 lb / yd³) or less

ATTACHMENT

Booms and arms are welded, a low-stress, full-box section design. 4.6 m (15' 1"); 4.1 m (13' 5") boom, 4.9 m (16' 1") adjustable boom and 1.9 m (6' 3"); 2.1 m (6' 11"); 2.5 m (8' 2") & 3.0 m (9' 10") arms are available.

DIGGING FORCE

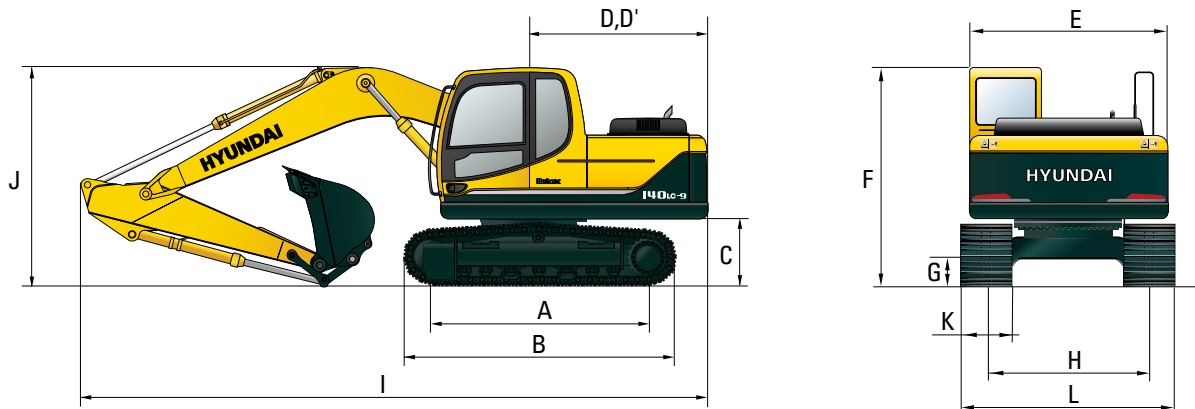
Boom	Length	mm (ft.in)	4,600 (15' 1")				Remarks
	Weight	kg (lb)	1,030 (2,270)				
Arm	Length	mm (ft.in)	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	[]: Power Boost
	Weight	kg (lb)	560 (1,230)	580 (1,280)	610 (1,340)	670 (1,480)	
Bucket digging force	SAE	kN	87.3 [94.8]	87.3 [94.8]	87.3 [94.8]	87.3 [94.8]	
		kgf	8,900 [9,660]	8,900 [9,660]	8,900 [9,660]	8,900 [9,660]	
		lbf	19,620 [21,300]	19,620 [21,300]	19,620 [21,300]	19,620 [21,300]	
	ISO	kN	102 [110.8]	102 [110.8]	102 [110.8]	102 [110.8]	
		kgf	10,400 [11,290]	10,400 [11,290]	10,400 [11,290]	10,400 [11,290]	
		lbf	22,930 [24,890]	22,930 [24,890]	22,930 [24,890]	22,930 [24,890]	
Arm crowd force	SAE	kN	76.5 [83.1]	73.6 [79.9]	62.8 [68.2]	55.9 [60.7]	
		kgf	7,800 [8,470]	7,500 [8,140]	6,400 [6,950]	5,700 [6,190]	
		lbf	17,200 [18,670]	16,530 [17,950]	14,110 [15,320]	12,570 [13,640]	
	ISO	kN	80.4 [87.3]	77.5 [84.1]	65.7 [71.4]	57.9 [62.8]	
		kgf	8,200 [8,900]	7,900 [8,580]	6,700 [7,270]	5,900 [6,410]	
		lbf	18,080 [19,630]	17,420 [18,910]	14,770 [16,040]	13,010 [14,120]	

Note: Boom weight includes arm cylinder, piping, and pin

Arm weight includes bucket cylinder, linkage, and pin

Dimensions & Working Ranges

DIMENSIONS R140LC-9



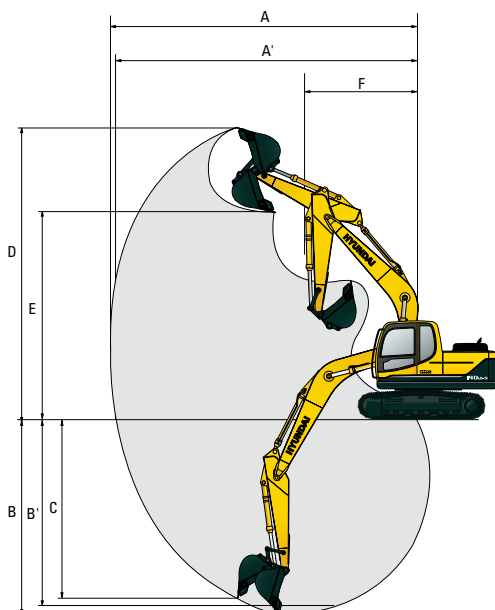
mm (ft · in)

mm (ft · in)

A Tumbler distance	3,000 (9' 10")	Boom length	4,600 (15' 1")			4,100 (13' 5")		
B Overall length of crawler	3,750 (12' 4")	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
C Ground clearance of counterweight	940 (3' 1")	I Overall length	7,820 (25' 7")	7,850 (25' 8")	7,820 (25' 7")	7,790 (25' 6")	7,320 (24' 0")	7,350 (24' 1")
D Tail swing radius	2,330 (7' 7")	J Overall height of boom	2,650 (8' 7")	2,760 (9' 0")	2,780 (9' 1")	3,110 (10' 2")	2,600 (8' 5")	2,790 (9' 2")
D' Rear-end length	2,330 (7' 7")	K Track shoe width	500 (20")		600 (24")		700 (28")	
E Overall width of upperstructure	2,500 (8' 2")	L Overall width	2,500 (8' 2")		2,600 (8' 6")		2,700 (8' 10")	
F Overall height of cab	2,860 (9' 4")							
G Min. ground clearance	440 (1' 5")							
H Track gauge	2,000 (6' 7")							

WORKING RANGES R140LC-9

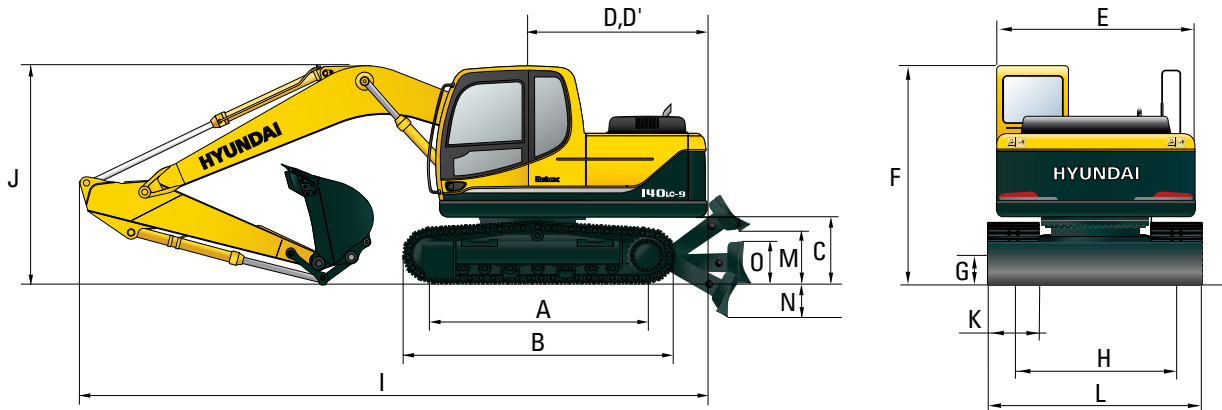
mm (ft · in)



Boom length	4,600 (15' 1")			4,100 (13' 5")		
Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
A Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,330 (27' 4")	8,790 (28' 10")	7,260 (23' 10")	7,420 (24' 4")
A' Max. digging reach on ground	7,600 (24' 11")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,090 (23' 3")	7,260 (23' 10")
B Max. digging depth	4,950 (16' 2")	5,150 (16' 10")	5,550 (18' 3")	6,050 (19' 10")	4,540 (14' 11")	4,740 (15' 7")
B' Max. digging depth (8° level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 1")	4,490 (14' 9")
C Max. vertical wall digging depth	4,650 (15' 3")	4,900 (16' 1")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")	4,350 (14' 3")
D Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,500 (27' 11")	8,780 (28' 10")	7,700 (25' 3")	7,770 (25' 6")
E Max. dumping height	5,670 (18' 7")	5,750 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 3")	5,340 (17' 6")
F Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,350 (7' 9")	2,460 (8' 1")

Dimensions & Working Ranges

DIMENSIONS R140LCD-9



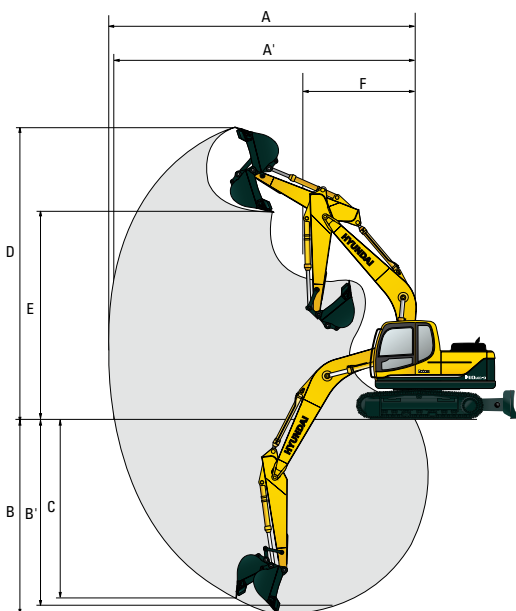
mm (ft · in)

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C Ground clearance of counterweight	940 (3' 1")	I Overall length	8,130 (26' 7")	8,160 (26' 7")	8,130 (26' 7")	8,100 (26' 6")	7,630 (25' 0")	7,660 (25' 1")
D Tail swing radius	2,330 (7' 7")	J Overall height of boom	2,650 (8' 7")	2,760 (9' 0")	2,780 (9' 1")	3,110 (10' 2")	2,600 (8' 5")	2,790 (9' 2")
D' Rear-end length	2,330 (7' 7")	K Track shoe width	500 (20")		600 (24")		700 (28")	
E Overall width of upperstructure	2,500 (8' 2")	L Overall width	2,500 (8' 2")		2,600 (8' 6")		2,700 (8' 10")	
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	500 (1' 6")							
O Height of blade	550 (1' 8")							
Width of blade	2,500 (8' 2") 2,600 (8' 6")							

WORKING RANGES R140LCD-9

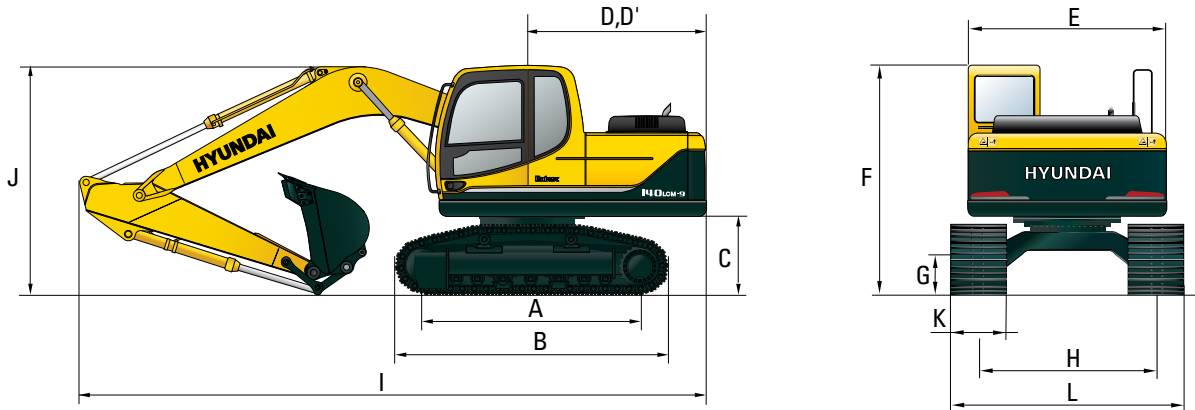
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Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
A Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,330 (27' 4")	8,790 (28' 10")	7,260 (23' 10")	7,420 (24' 4")
A' Max. digging reach on ground	7,600 (24' 11")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,090 (23' 3")	7,260 (23' 10")
B Max. digging depth	4,950 (16' 2")	5,150 (16' 10")	5,550 (18' 3")	6,050 (19' 10")	4,540 (14' 11")	4,740 (15' 7")
B' Max. digging depth (8° level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 1")	4,490 (14' 9")
C Max. vertical wall digging depth	4,650 (15' 3")	4,900 (16' 1")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")	4,350 (14' 3")
D Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,500 (27' 11")	8,780 (28' 10")	7,700 (25' 3")	7,770 (25' 6")
E Max. dumping height	5,670 (18' 7")	5,750 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 3")	5,340 (17' 6")
F Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,350 (7' 9")	2,460 (8' 1")

Dimensions & Working Ranges

DIMENSIONS R140LCM-9



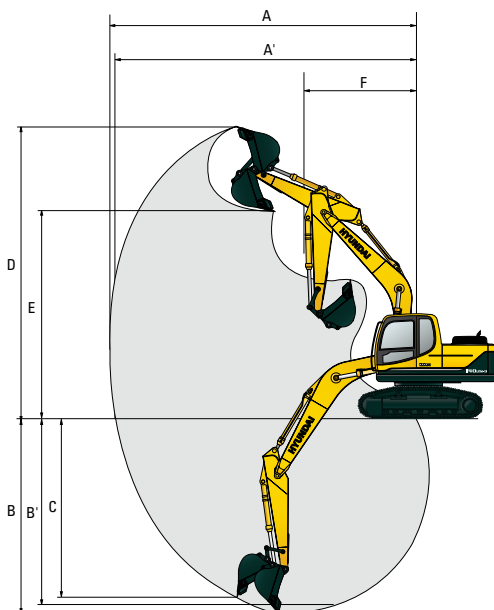
mm (ft · in)

mm (ft · in)

A Tumbler distance	3,030 (9' 11")	Boom length	4,600 (15' 1")			
B Overall length of crawler	3,860 (12' 4")	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")
C Ground clearance of counterweight	1,200 (3' 9")	I Overall length	7,770 (25' 5")	7,830 (25' 7")	7,790 (25' 6")	7,860 (25' 8")
D Tail swing radius	2,330 (7' 7")	J Overall height of boom	2,750 (9' 0")	2,860 (9' 4")	2,830 (9' 3")	3,120 (10' 2")
D' Rear-end length	2,330 (7' 7")	K Track shoe width	Type	Double grouser	Triple grouser	
E Overall width of upperstructure	2,500 (8' 2")		Width	710 (28")	800 (32")	
F Overall height of cab	3,120 (10' 2")	L Overall width	2,750 (9' 0")		2,840 (9' 4")	
G Min. ground clearance	600 (2' 0")					
H Track gauge	2,040 (6' 8")					

WORKING RANGES R140LCM-9

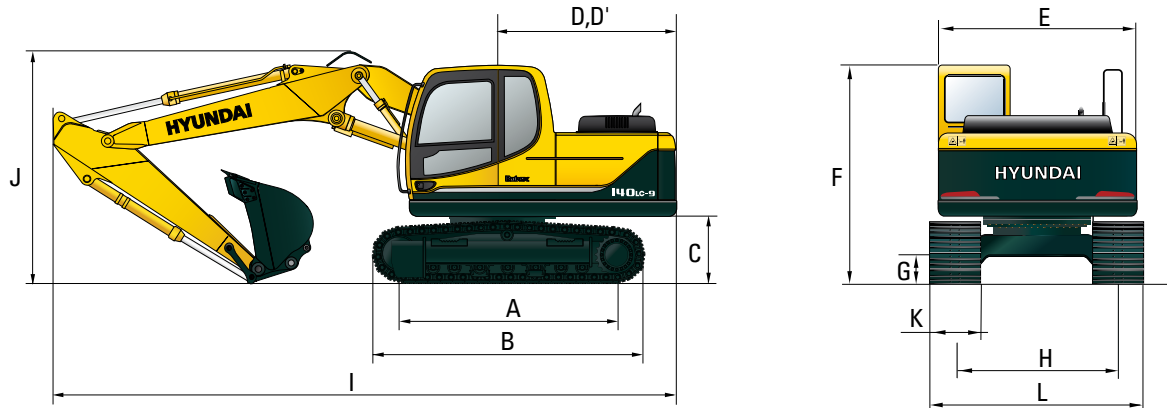
mm (ft · in)



Boom length	4,600 (15' 1")			
Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")
A Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,330 (27' 4")	8,790 (28' 10")
A' Max. digging reach on ground	7,540 (24' 9")	7,710 (25' 4")	8,110 (26' 7")	8,580 (28' 2")
B Max. digging depth	4,690 (15' 5")	4,890 (16' 1")	5,290 (17' 4")	5,790 (19' 0")
B' Max. digging depth (8° level)	4,420 (14' 6")	4,640 (15' 3")	5,080 (16' 8")	5,610 (18' 5")
C Max. vertical wall digging depth	4,390 (14' 5")	4,640 (15' 3")	5,070 (16' 8")	5,590 (18' 4")
D Max. digging height	8,360 (27' 5")	8,440 (27' 8")	8,760 (28' 9")	9,040 (29' 7")
E Max. dumping height	5,930 (19' 5")	6,010 (19' 8")	6,320 (20' 9")	6,590 (21' 7")
F Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")

Dimensions & Working Ranges

DIMENSIONS R140LC-9 ADJUSTABLE BOOM



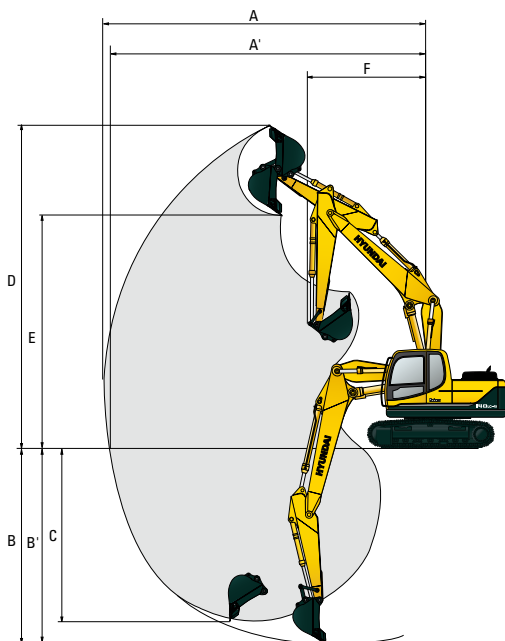
mm (ft · in)

mm (ft · in)

A Tumbler distance	3,000 (9' 10")	Boom length	4,900 (16' 1"), Adjustable boom		
B Overall length of crawler	3,750 (12' 4")	Arm length	1,900 (6' 3")	2,100 (6' 11")	2500 (8' 2")
C Ground clearance of counterweight	940 (3' 1")	I Overall length	8,160 (26' 8")	8,170 (26' 8")	8,150 (26' 8")
D Tail swing radius	2,330 (7' 7")	J Overall height of boom	2,830 (9' 3")	2,940 (9' 6")	2,960 (9' 7")
D' Rear-end length	2,330 (7' 7")	K Track shoe width	500 (20")	600 (24")	700 (28")
E Overall width of upperstructure	2,500 (8' 2")	L Overall width	2,500 (8' 2")	2,600 (8' 6")	2,700 (8' 10")
F Overall height of cab	2,870 (9' 4")				
G Min. ground clearance	440 (1' 5")				
H Track gauge	2,000 (6' 7")				

WORKING RANGES R140LC-9 ADJUSTABLE BOOM

mm (ft · in)













Boom length	4,900 (16' 1"), Adjustable boom		
Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")
A Max. digging reach	8,140 (26' 8")	8,320 (27' 4")	8,720 (28' 7")
A' Max. digging reach on ground	8,000 (26' 3")	8,180 (26' 10")	8,590 (28' 2")
B Max. digging depth	5,110 (16' 9")	5,310 (17' 5")	5,710 (18' 9")
B' Max. digging depth (8° level)	5,000 (16' 5")	5,190 (17' 0")	5,610 (18' 5")
C Max. vertical wall digging depth	4,490 (14' 9")	4,660 (15' 3")	5,120 (16' 10")
D Max. digging height	8,810 (28' 11")	8,890 (29' 2")	9,270 (30' 5")
E Max. dumping height	6,330 (20' 9")	6,410 (21' 0")	6,780 (22' 3")
F Min. swing radius	2,670 (8' 9")	2,830 (9' 3")	2,690 (8' 10")

Lifting Capacities











R140LC-9

 Rating over-front  Rating over-side or 360 degrees













Boom : 4.6 m (15' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach m (ft)
												
6.0 m (20.0 ft)	kg lb					* 3340 * 7360	* 3340 * 7360			* 3170 * 6990	2350 5180	5.95 (19.5)
4.5 m (15.0 ft)	kg lb					* 3550 * 7830	* 3550 * 7830			2820 6220	1760 3880	6.90 (22.6)
3.0 m (10.0 ft)	kg lb			* 6270 * 13820	* 6270 * 13820	* 4440 * 9790	3510 7740	3480 7670	2170 4780	2480 5470	1520 3350	7.37 (24.2)
1.5 m (5.0 ft)	kg lb			* 8490 * 18720	6040 13320	5400 11900	3270 7210	3380 7450	2080 4590	2390 5270	1450 3200	7.45 (24.4)
Ground Line	kg lb			* 8230 * 18140	5790 12760	5200 11460	3100 6830	3300 7280	2000 4410	2510 5530	1520 3350	7.17 (23.5)
-1.5 m (-5.0 ft)	kg lb	* 6670 * 14700	* 6670 * 14700	* 9690 * 21360	5800 12790	5140 11330	3050 6720			2960 6530	1810 3990	6.48 (21.3)
-3.0 m (-10.0 ft)	kg lb	* 10970 * 24180	* 10970 * 24180	* 8330 * 18360	5930 13070	5220 11510	3110 6860			* 3690 * 8140	2670 5890	5.15 (16.9)

Boom : 4.6 m (15' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach m (ft)
												
6.0 m (20.0 ft)	kg lb									* 2810 * 6190	1920 4230	6.69 (21.9)
4.5 m (15.0 ft)	kg lb							* 2770 * 6110	2270 5000	2440 5380	1500 3310	7.53 (24.7)
3.0 m (10.0 ft)	kg lb			* 4930 * 10870	* 4930 * 10870	* 3830 * 8440	3570 7870	* 3380 * 7450	2190 4830	2170 4780	1310 2890	7.95 (26.1)
1.5 m (5.0 ft)	kg lb			* 8030 * 17700	6240 13760	* 5010 * 11050	3300 7280	3380 7450	2070 4560	2100 4630	1250 2760	8.03 (26.3)
Ground Line	kg lb			* 8780 * 19360	5800 12790	5200 11460	3090 6810	3270 7210	1970 4340	2180 4810	1300 2870	7.77 (25.5)
-1.5 m (-5.0 ft)	kg lb	* 5740 * 12650	* 5740 * 12650	* 9910 * 21850	5700 12570	5080 11200	2990 6590	3220 7100	1920 4230	2500 5510	1500 3310	7.15 (23.5)
-3.0 m (-10.0 ft)	kg lb	* 8760 * 19310	* 8760 * 19310	* 9040 * 19930	5770 12720	5100 11240	3000 6610			3340 7360	2030 4480	6.01 (19.7)
-4.5 m (-15.0 ft)	kg lb			* 6590 * 14530	6030 13290							

Boom : 4.6 m (15' 1") / Arm : 3.0 m (9' 10") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach m (ft)
														
6.0 m (20.0 ft)	kg lb							* 1880 * 4140	* 1880 * 4140			* 2540 * 5600	1650 3640	7.25 (23.8)
4.5 m (15.0 ft)	kg lb							* 2570 * 5670	2310 5090			2180 4810	1320 2910	8.02 (26.3)
3.0 m (10.0 ft)	kg lb					* 3280 * 7230	* 3280 * 7230	* 3020 * 6660	2210 4870	* 1660 * 3660	1430 3150	1960 4320	1160 2560	8.41 (27.6)
1.5 m (5.0 ft)	kg lb			* 6980 * 15390	6440 14200	* 4540 * 10010	3350 7390	3400 7500	2080 4590	* 2190 * 4830	1380 3040	1890 4170	1100 2430	8.49 (27.9)
Ground Line	kg lb			* 9240 * 20370	5850 12900	5210 11490	3100 6830	3260 7190	1960 4320	* 2120 * 4670	1330 2930	1960 4320	1140 2510	8.25 (27.1)
-1.5 m (-5.0 ft)	kg lb	* 5290 * 11660	* 5290 * 11660	* 9910 * 21850	5650 12460	5060 11160	2960 6530	3180 7010	1890 4170			2200 4850	1290 2840	7.67 (25.2)
-3.0 m (-10.0 ft)	kg lb	* 7720 * 17020	* 7720 * 17020	* 9440 * 20810	5670 12500	5030 11090	2940 6480	3180 7010	1880 4140			2800 6170	1680 3700	6.64 (21.8)
-4.5 m (-15.0 ft)	kg lb	* 11300 * 24910	* 11300 * 24910	* 7670 * 16910	5850 12900	* 4890 * 10780	3050 6720							











- Lifting capacity is based on SAE J1097, ISO 10567.
- Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook located on the back of the bucket.
- (*) indicates the load limited by hydraulic capacity.

Lifting Capacities











R140LCD-9

 Rating over-front  Rating over-side or 360 degrees













Boom : 4.6 m (15' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach m (ft)
												
6.0 m (20.0 ft)	kg lb					* 3340 * 7360	* 3340 * 7360			* 3170 * 6990	2490 5490	5.95 (19.5)
4.5 m (15.0 ft)	kg lb					* 3550 * 7830	* 3550 * 7830			3070 6770	1870 4120	6.90 (22.6)
3.0 m (10.0 ft)	kg lb			* 6270 * 13820	* 6270 * 13820	* 4440 * 9790	3700 8160	3780 8330	2300 5070	2710 5970	1620 3570	7.37 (24.2)
1.5 m (5.0 ft)	kg lb			* 8490 * 18720	6380 14070	* 5520 * 12170	3460 7630	3680 8110	2210 4870	2610 5750	1550 3420	7.45 (24.4)
Ground Line	kg lb			* 8230 * 18140	6130 13510	5650 12460	3290 7250	3590 7910	2130 4700	2750 6060	1630 3590	7.17 (23.5)
-1.5 m (-5.0 ft)	kg lb	* 6670 * 14700	* 6670 * 14700	* 9690 * 21360	6140 13540	5590 12320	3240 7140			3230 7120	1930 4250	6.48 (21.3)
-3.0 m (-10.0 ft)	kg lb	* 10970 * 24180	* 10970 * 24180	* 8330 * 18360	6270 13820	* 5520 * 12170	3300 7280			* 3690 * 8140	2830 6240	5.15 (16.9)

Boom : 4.6 m (15' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach m (ft)
												
6.0 m (20.0 ft)	kg lb									* 2810 * 6190	2040 4500	6.69 (21.9)
4.5 m (15.0 ft)	kg lb							* 2770 * 6110	2410 5310	2660 5860	1600 3530	7.53 (24.7)
3.0 m (10.0 ft)	kg lb			* 4930 * 10870	* 4930 * 10870	* 3830 * 8440	3770 8310	* 3380 * 7450	2320 5110	2380 5250	1400 3090	7.95 (26.1)
1.5 m (5.0 ft)	kg lb			* 8030 * 17700	6580 14510	* 5010 * 11050	3490 7690	3680 8110	2210 4870	2300 5070	1340 2950	8.03 (26.3)
Ground Line	kg lb			* 8780 * 19360	6140 13540	5640 12430	3280 7230	3570 7870	2110 4650	2400 5290	1400 3090	7.77 (25.5)
-1.5 m (-5.0 ft)	kg lb	* 5740 * 12650	* 5740 * 12650	* 9910 * 21850	6040 13320	5530 12190	3180 7010	3510 7740	2060 4540	2730 6020	1610 3550	7.15 (23.5)
-3.0 m (-10.0 ft)	kg lb	* 8760 * 19310	* 8760 * 19310	* 9040 * 19930	6110 13470	5550 12240	3200 7050			* 3540 * 7800	2170 4780	6.01 (19.7)
-4.5 m (-15.0 ft)	kg lb			* 6590 * 14530	6370 14040							

Boom : 4.6 m (15' 1") / Arm : 3.0 m (9' 10") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach m (ft)
														
6.0 m (20.0 ft)	kg lb							* 1880 * 4140	* 1880 * 4140			* 2540 * 5600	1760 3880	7.25 (23.8)
4.5 m (15.0 ft)	kg lb							* 2570 * 5670	2440 5380			2380 5250	1410 3110	8.02 (26.3)
3.0 m (10.0 ft)	kg lb					* 3280 * 7230	* 3280 * 7230	* 3020 * 6660	2350 5180	* 1660 * 3660	1540 3400	2150 4740	1250 2760	8.41 (27.6)
1.5 m (5.0 ft)	kg lb			* 6980 * 15390	6780 14950	* 4540 * 10010	3540 7800	* 3610 * 7960	2220 4890	* 2190 * 4830	1480 3260	2080 4590	1190 2620	8.49 (27.9)
Ground Line	kg lb			* 9240 * 20370	6190 13650	* 5630 * 12410	3290 7250	3560 7850	2090 4610	* 2120 * 4670	1480 3150	2150 4740	1230 2710	8.25 (27.1)
-1.5 m (-5.0 ft)	kg lb	* 5290 * 11660	* 5290 * 11660	* 9910 * 21850	5990 13210	5500 12130	3150 6940	3480 7670	2020 4450			2410 5310	1390 3060	7.67 (25.2)
-3.0 m (-10.0 ft)	kg lb	* 7720 * 17020	* 7720 * 17020	* 9440 * 20810	6010 13250	5480 12080	3130 6900	3480 7670	2020 4450			3060 6750	1800 3970	6.64 (21.8)
-4.5 m (-15.0 ft)	kg lb	* 11300 * 24910	* 11300 * 24910	* 7670 * 16910	6190 13650	* 4890 * 10780	3240 7140							











- Lifting capacity is based on SAE J1097, ISO 10567.
- Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook located on the back of the bucket.
- (*) indicates the load limited by hydraulic capacity.

Lifting Capacities











R140LCM-9

 Rating over-front  Rating over-side or 360 degrees













Boom : 4.6 m (15' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 800 mm (32") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach m (ft)
												
6.0 m (20.0 ft)	kg lb					* 3310 * 7300	* 3310 * 7300			* 3180 * 7010	2610 5750	6.16 (20.2)
4.5 m (15.0 ft)	kg lb					* 3670 * 8090	* 3670 * 8090	* 2830 * 6240	2640 5820	3200 7050	2050 4520	7.01 (23.0)
3.0 m (10.0 ft)	kg lb			* 6820 * 15040	* 6820 * 15040	* 4620 * 10190	4090 9020	* 3860 * 8510	2580 5690	2880 6350	1820 4010	7.41 (24.3)
1.5 m (5.0 ft)	kg lb			* 7800 * 17200	7120 15700	* 5680 * 12520	3850 8490	3930 8660	2480 5470	2820 6220	1770 3900	7.43 (24.4)
Ground Line	kg lb			* 8700 * 19180	6940 15300	6050 13340	3700 8160	3850 8490	2410 5310	3020 6660	1890 4170	7.09 (23.3)
(-1.5 m (-5.0 ft)	kg lb	* 7330 * 16160	* 7330 * 16160	* 9540 * 21030	6960 15340	6010 13250	3670 8090			3630 8000	2290 5050	6.31 (20.7)
(-3.0 m (-10.0 ft)	kg lb			* 7950 * 17530	7130 15720	* 5200 * 11460	3760 8290					

Boom : 4.6 m (15' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 800 mm (32") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach m (ft)
												
6.0 m (20.0 ft)	kg lb									* 2830 * 6240	2180 4810	6.87 (22.5)
4.5 m (15.0 ft)	kg lb					* 3040 * 6700	* 3040 * 6700	* 2930 * 6460	2690 5930	2790 6150	1770 3900	7.63 (25.0)
3.0 m (10.0 ft)	kg lb			* 5460 * 12040	* 5460 * 12040	* 4030 * 8880	* 4030 * 8880	* 3470 * 7650	2590 5710	2540 5600	1590 3510	7.99 (26.2)
1.5 m (5.0 ft)	kg lb			* 8460 * 18650	7290 16070	* 5200 * 11460	3880 8550	3930 8660	2480 5470	2490 5490	1540 3400	8.01 (26.3)
Ground Line	kg lb	* 3600 * 7940	* 3600 * 7940	* 8880 * 19580	6920 15260	6030 13290	3680 8110	3820 8420	2380 5250	2630 5800	1630 3590	7.70 (25.3)
(-1.5 m (-5.0 ft)	kg lb	* 6200 * 13670	* 6200 * 13670	* 9840 * 21690	6850 15100	5940 13100	3600 7940	3780 8330	2340 5160	3050 6720	1900 4190	7.00 (23.0)
(-3.0 m (-10.0 ft)	kg lb	* 9390 * 20700	* 9390 * 20700	* 8770 * 19330	6960 15340	* 5760 * 12700	3640 8020			* 3520 * 7760	2650 5840	5.74 (18.8)

Boom : 4.6 m (15' 1") / Arm : 3.0 m (9' 10") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 800 mm (32") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius								At max. reach				
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach m (ft)
														
6.0 m (20.0 ft)	kg lb							* 2060 * 4540	* 2060 * 4540			* 2550 * 5620	1900 4190	7.41 (24.3)
4.5 m (15.0 ft)	kg lb							* 2660 * 5860	* 2660 * 5860			2510 5530	1570 3460	8.11 (26.6)
3.0 m (10.0 ft)	kg lb					* 3480 * 7670	* 3480 * 7670	* 3120 * 6880	2610 5750	* 1790 * 3950	1740 3840	2300 5070	1420 3130	8.45 (27.7)
1.5 m (5.0 ft)	kg lb			* 7490 * 16510	7480 16490	* 4750 * 10470	3920 8640	* 3710 * 8180	2480 5470	* 2230 * 4920	1690 3730	2250 4960	1380 3040	8.47 (27.8)
Ground Line	kg lb	* 3650 * 8050	* 3650 * 8050	* 9450 * 20830	6950 15320	* 5770 * 12720	3680 8110	3810 8400	2360 5200	* 1990 * 4390	1640 3620	2360 5200	1440 3170	8.18 (26.8)
(-1.5 m (-5.0 ft)	kg lb	* 5660 * 12480	* 5660 * 12480	* 9900 * 21830	6800 14990	5900 13010	3560 7850	3740 8250	2300 5070			2680 5910	1650 3640	7.53 (24.7)
(-3.0 m (-10.0 ft)	kg lb	* 8220 * 18120	* 8220 * 18120	* 9250 * 20390	6840 15080	5900 13010	3560 7850	3760 8290	2320 5110			* 3380 * 7450	2180 4810	6.40 (21.0)
(-4.5 m (-15.0 ft)	kg lb			* 7160 * 15790	7060 15560	* 4420 * 9740	3710 8180							









- Lifting capacity is based on SAE J1097, ISO 10567.
- Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook located on the back of the bucket.
- (*) indicates the load limited by hydraulic capacity.

Lifting Capacities









R140LC-9 ADJUSTABLE BOOM

 Rating over-front  Rating over-side or 360 degrees













Boom : 4.9 m (16' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius						At max. reach		
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach
										m (ft)
6.0 m (20.0 ft)	kg lb			* 2900 * 6390	* 2900 * 6390			* 2880 * 6350	2010 4430	6.45 (21.2)
4.5 m (15.0 ft)	kg lb			* 3280 * 7230	* 3280 * 7230	* 3150 * 6940	2220 4890	2530 5580	1540 3400	7.33 (24.0)
3.0 m (10.0 ft)	kg lb	* 6420 * 14150	* 6420 * 14150	* 4230 * 9330	3440 7580	3470 7650	2130 4700	2240 4940	1340 2950	7.76 (25.5)
1.5 m (5.0 ft)	kg lb			5310 11710	3160 6970	3340 7360	2020 4450	2170 4780	1280 2820	7.84 (25.7)
Ground Line	kg lb	* 5430 * 11970	* 5430 * 11970	5110 11270	2980 6570	3240 7140	1930 4250	2270 5000	1340 2950	7.58 (24.9)
(-1.5 m (-5.0 ft)	kg lb	* 9210 * 20300	5620 12390	5050 11130	2940 6480	3220 7100	1900 4190	2630 5800	1570 3460	6.93 (22.7)
(-3.0 m (-10.0 ft)	kg lb	* 8450 * 18630	5780 12740	5130 11310	3000 6610					

Boom : 4.9 m (16' 1") / Arm : 2.1 m (6' 11") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius						At max. reach		
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		Capacity		Reach
										m (ft)
6.0 m (20.0 ft)	kg lb			* 2690 * 5930	* 2690 * 5930			* 2760 * 6080	1900 4190	6.68 (21.9)
4.5 m (15.0 ft)	kg lb			* 3080 * 6790	* 3080 * 6790	* 2990 * 6590	2230 4920	2420 5340	1470 3240	7.52 (24.7)
3.0 m (10.0 ft)	kg lb	* 5930 * 13070	* 5930 * 13070	* 4030 * 8880	3460 7630	* 3360 * 7410	2140 4720	2150 4740	1280 2820	7.94 (26.0)
1.5 m (5.0 ft)	kg lb			* 5140 * 11330	3160 6970	3340 7360	2010 4430	2080 4590	1220 2690	8.02 (26.3)
Ground Line	kg lb	* 5690 * 12540	5540 12210	5090 11220	2960 6530	3230 7120	1910 4210	2170 4780	1270 2800	7.77 (25.5)
(-1.5 m (-5.0 ft)	kg lb	* 8930 * 19690	5560 12260	5020 11070	2900 6390	3190 7030	1870 4120	2490 5490	1470 3240	7.14 (23.4)
(-3.0 m (-10.0 ft)	kg lb	* 8650 * 19070	5690 12540	5070 11180	2950 6500					

Boom : 4.9 m (16' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (24") triple grouser with 2,000 kg (4,410 lb) counterweight

Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
6.0 m (20.0 ft)	kg lb							* 2250 * 4960	* 2250 * 4960			* 2570 * 5670	1660 3660	7.18 (23.6)
4.5 m (15.0 ft)	kg lb					* 2700 * 5950	* 2700 * 5950	* 2710 * 5970	2270 5000			2190 4830	1310 2890	7.96 (26.1)
3.0 m (10.0 ft)	kg lb			* 5070 * 11180	* 5070 * 11180	* 3660 * 8070	3520 7760	* 3120 * 6880	2160 4760	* 1900 * 4190	1400 3090	1970 4340	1150 2540	8.35 (27.4)
1.5 m (5.0 ft)	kg lb			* 7220 * 15920	5960 13140	* 4830 * 10650	3200 7050	3350 7390	2020 4450	2300 5070	1350 2980	1900 4190	1100 2430	8.43 (27.7)
Ground Line	kg lb			* 6040 * 13320	5560 12260	5100 11240	2970 6550	3220 7100	1900 4190	2250 4960	1310 2890	1980 4370	1140 2510	8.19 (26.9)
(-1.5 m (-5.0 ft)	kg lb	* 4680 * 10320	* 4680 * 10320	* 8220 * 18120	5510 12150	4990 11000	2880 6350	3160 6970	1850 4080			2230 4920	1300 2870	7.60 (24.9)
(-3.0 m (-10.0 ft)	kg lb			* 9010 * 19860	5600 12350	5010 11050	2900 6390	3190 7030	1870 4120					

- Lifting capacity is based on SAE J1097, ISO 10567.
- Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook located on the back of the bucket.
- (*) indicates the load limited by hydraulic capacity.

STANDARD EQUIPMENT

ISO Standard cabin

All-weather steel cab with 360° visibility
Safety glass windows
Rise-up type windshield wiper
Sliding fold-in front window
Sliding side window
One key fits all lockable doors
Hot & cool box
Storage compartment & Ashtray
Transparent cabin roof-cover
Radio / MP3 Player with AUX-input
Handsfree mobile phone system with USB-charging device
Sun visor

Computer aided power optimization (New CAPO) system

3-power modes, 3-work modes, User mode
Auto & one-touch deceleration system
Auto warm-up system
Overheat prevention system

Self-diagnostics system

Starting Aid (air grid heater) for cold weather

Centralized monitoring

LCD display
Engine speed or Trip meter
Clock
Gauges
Fuel level gauge
Engine coolant temperature gauge
Hyd. oil temperature gauge
Warning lamps
Engine warning
Overload
Communication error
Low battery
Air filter clogging
Indicators
Max power
Low speed/High speed
Fuel warmer
Auto deceleration

Door and cab locks, one key

Two outside rearview mirrors

Fully adjustable suspension seat with seat belt

Adjustable joysticks

Console box tilting system (LH.)

Three frontal working lights

Electric horn

Batteries (2 x 12V x 80 AH)

Battery master switch

Removable clean-out screen for oil cooler

Automatic swing brake

Removable reservoir tank

Fuel pre-filter with fuel warmer

Boom holding system

Arm holding system

Counterweight (2,000 kg; 4,410 lb)

Track shoes (600 mm; 24")

Track rail guard

Viscous fan clutch

Accumulator for lowering work equipment

Electric transducer

Lower frame under cover

OPTIONAL EQUIPMENT

Fuel filler pump (50 L/min)

Beacon 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 (clamshell, etc.)

Quick coupler

12 volt power outlet (24V DC to 12V DC converter)

Travel alarm

Boom

Short boom (4.1 m; 13' 5")

Hyd. adjustable boom (4.9 m; 16' 1")

Arm

Extra Short arm (1.9 m; 6' 3")

Short arm (2.1 m; 6' 11")

Long arm (3.0 m; 9' 10")

Automatic climate control

Full-automatic air conditioner & heater

Semi-automatic air conditioner & heater

Air conditioner

Heater

Defroster

Cabin FOPS/FOG (ISO/DIS 10262)

FOPS (Falling Object Protective Structure)

FOG (Falling Object Guard)

Cabin roof-steel cover

Cabin lights

Rain guard - front window

Track shoes

Triple grousers shoe (500 mm; 20")

Triple grousers shoe (700 mm; 28")

Triple grousers shoe (800 mm; 32"), R140LCM-9

Double grousers shoe (710 mm; 28"), R140LCM-9

R140LCD-9 Blade: 550 mm (1' 8") x 2,500 mm (8' 2")

550 mm (1' 8") x 2,600 mm (8' 6")

Additional cover under lower frame

Coolant pre-heating system

Tool kit

Operator suit

Rearview camera

Seat

Adjustable air suspension seat

Adjustable air suspension seat with heater

Mechanical suspension seat with heater

Pattern change valve (4 patterns)

Hi-mate (Remote Management System)

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards. All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT



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