We build a better future

# Robex 80CR-9

Equipped with Tier 3 Engine


*Photo may include optional equipment.

HYUNDAI
HEAVY INDUSTRIES EUROPE

# Pleasure works

An operator, who takes pleasure in his work, does a better job. That is why we at Hyundai Heavy Industries do everything we can to make that happen. We merged operator preference, fast precision and lasting performance into a quality product. Hyundai's 9 series earthmoving equipment simply makes time fly, makes pleasure work!


*Photo may include optional equipment.


## Machine Walk-Around

### Robust Upper and Lower Frame

The structure of the upper frame is designed to absorb high stress and to resist inherent external influences. An X-type center frame and a reinforced box section track frame provide exceptional strength and longer service life to withstand tough working conditions.

### Engine Technology

Powerful and reliable, Tier 3a certified, fuel efficient Yanmar 4TNV98 engine.
Electronically controlled, clean and efficient combustion.
Low noise / anti-restart function.

### Control System

Control devices are well located for increased operator's comfort and a higher productivity. The operator can easily control the machine in any working condition.
A safety lever on the left side console is installed to prevent exiting the cabin with active hydraulic control levers.

### Advanced Hydraulic System

Our new R80CR-9 is equipped with arm flow summation system, boom holding system and swing parking brake for smooth and fine control. Other integrated features are hydraulic damper in travel pedals, swing reducer lubrication by hydraulic oil and leak-free grease chamber of swing bearing.

### Comfortable and High-Strength Cabin

The spacious cabin is ergonomically designed, with low noise level and high visibility. Cabin frame meets international standard TOPS, ROPS & FOPS, for maximum protection of the operator.

### Operators' Convenience

The cabin of the R80CR-9 is equipped with suspension seat, excellent visibility and various storage space for advanced operator comfort. The newly designed LED-cluster displays engine RPM, engine temperature, fuel level and state of electric devices to check the full status of the machine at a single glance. Diagnostic functions are also integrated. Powerful air conditioning and radio with MP3-player makes a Hyundai excavator a pleasure to operate.

### Easy to Maintain

With open access of doors, covers and engine hoods, air cleaner and centralized grease fittings the machine is a pleasure to maintain.

### Extended Life of Components

Long-life hydraulic filters, long-life hydraulic oil, long-lasting shims and long-lasting bushes are reducing operation costs.

# Preference

An operator, who sets his machine to his needs, takes pleasure in his work. Our R80CR-9 respects operator preference with regards to comfort, ease-of-use and controllability. Operators can fully customize their work environment and operating preferences to fit their individual needs.

*Photo may include optional equipment.

### Spacious Cabin with Excellent Visibility

The spacious cabin is ergonomically designed with low noise levels and high visibility. Special attention was paid to create a clear, open and convenient interior with excellent visibility in all directions. This well balanced operators' environment put the operator in the perfect position to work safely and securely.

# Operator Comfort

In the cabin of our R80CR-9 you can experience the highest level of comfort. The ergonomic location of joysticks with adjustable arm rests, suspension seat, control levers and LED-display minimizes fatigue of the operator. The LED-display shows all information of the machine with a blink of an eye.

1. A large top glass combined with a roll-up sun visor offers high visibility.
2. An advanced audio system with radio / MP3-player with AUX-input, combined with a remote control is installed to listen to your preferred music favorites.
3. Operators are able to call while operating with the hands-free mobile phone feature.
4. Ergonomically designed joysticks reduce operator fatigue.
5. Accel dial with LED lamp
6. Cabin provides various storage compartments for operator's convenience.

Roll-up Sun visor | Radio / MP3-player with remote control | Hands-free cell phone | Ergonomic joysticks | Accel dial with LED lamp | Storage compartments

# Stressless

Work is stressful enough; your working environment should be stressless. Hyundai's R80CR-9 compact excavator provides many convenient devices for safe and productive work.

1. The window locking device keeps the right window in the preferred position.
2. The sliding front window is easy to open and can be locked safely in open position to improve ventilation and visibility.
3. The tiltable left-side console box offers easy access to the cabin.
4. The automatic temperature control provides the operator with the preferred air temperature.

Window locking device | Sliding front window | Tiltable console box

Climate control system


# Easy-to-use Cluster

The advanced LED-cluster allows the operator to select his personal machine preferences. The monitor displays engine rpm, engine temperature and state of electronic devices. The operator can select auto deceleration mode and max power mode and he can control travel speed with the touch of a button. An engine starting lock prevents theft of the machine.

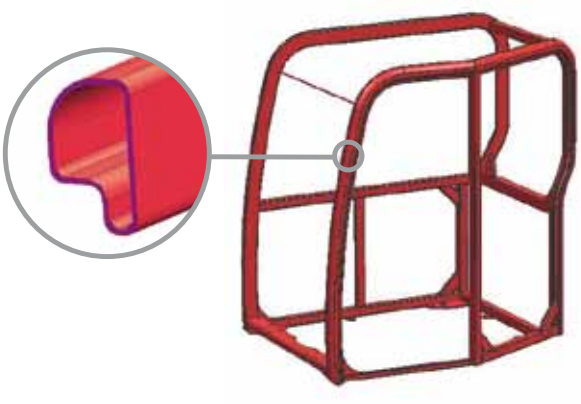
# Precision & Performance

An operator, who feels his machine respond smoothly, takes pleasure in his work. 9 Series deliver fast precision by combining smoother hydraulics with wider view and less stress. Innovative hydraulic system technologies make the R80CR-9 excavator fast, smooth and easy to control.


*Photo may include optional equipment.


## Offset Boom

The R80CR-9's boom offset function is designed for efficient work in congested residential and urban areas. The boom can be offset from 70° to the left up to 60° to the right. Increased swing torque provides better operating capability on a slope.



## Structural Strength

The 9 Series cabin structure is designed with slimmer but stronger tubing for more safety and better visibility. Low-stress and high strength steel is welded to form a strong and stable lower frame. Structural durability is analyzed and tested by FEM-analysis (Finite Elements Method) and long-term durability tests.


## High Performance on Narrow Jobsites

R80CR-9's reduced tail swing radius allows the operator to work with less worries on narrow jobsites such as road building or urban areas. The Compact radius design provides efficient operation with limited space.

## Improved Hydraulic System

To achieve optimum precision, Hyundai redesigned the hydraulic system to provide the operator with super fine touch and high controllability. Improved pump flow control reduces hydraulic flow when controls are not activated to minimize fuel consumption. Improved hydraulic valves, precise variable volume piston pumps and fine-touch pilot controls make any operator of our 9 series look like a smooth operator.

## Yanmar 4TNV98

Yanmar 4TNV98 engine provides 24.5 kgf.m (177 lbf.ft) of maximum torque with 60 HP at 2,400 rpm of rated power. This means the R80CR-9 runs with the most power in its class, giving you more power to get the job done.

# Profitable

An owner, who knows his machine saves money, takes pleasure in owning it. 9 Series excavators contribute to your business as a time, fuel, spare-part and cost saving earthmoving solution.


*Photo may include optional equipment.

## Improved Durability

The R80CR-9's reinforced arm lug & dozer cylinder cover provide extra protection in tough working conditions.

## Accessible Air Cleaner

The R80CR-9 is equipped with a durable plastic air cleaner designed for easy maintenance.


## Centralized Grease Fittings

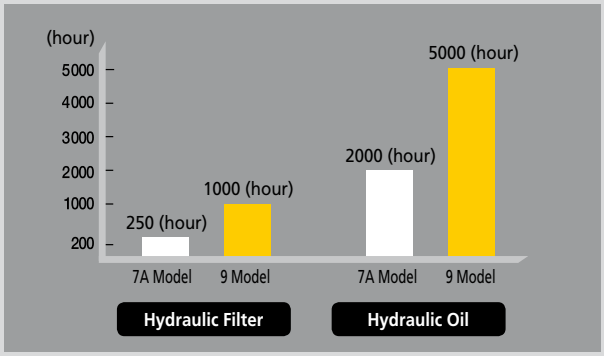
A centralized lubrication bank is available for faster, easier service and maintenance.


## Large Engine hood

9 series compact excavator are offering easy access to the engine compartment with a large engine hood.


## Tilting Cabin

R80CR-9's tiltable cabin provides the operator with convenient maintenance.




## Extended Life of Components

By adopting long-life hydraulic filters (1000 hrs) and long-life hydraulic oil (5000 hrs) operation costs are reduced. Extended lubricant bush life & ultra high molecular weight polymer shim, more efficient cooling systems and integrated preheating systems are extending service intervals and reducing machine down time.

# Specifications

## ENGINE

| MODEL | | | YANMAR 4TNV98 |
|---|---|---|---|
| Type | | | Water cooled, 4 cycle Diesel, 4-Cylinders in line, direct injection and low emission |
| Rated flywheel horse power | SAE | J1995 (gross) | 59.6 HP (44.4 kW) at 2,100 rpm |
| | | J1349 (net) | 58.2 HP (43.4 kW) at 2,100 rpm |
| | DIN | 6271/1 (gross) | 60.4 PS (44.4 kW) at 2,100 rpm |
| | | 6271/1 (net) | 59.0 PS (43.4 kW) at 2,100 rpm |
| Max. torque | | | 24.5 kgf·m (177 lbf·ft) at 1,350 rpm |
| Bore x stroke | | | 98 mm (3.86") x 110 mm (4.33") |
| Piston displacement | | | 3,319 cc (202 cu in) |
| Batteries | | | 1 x 12 V x 100 AH |
| Starting motor | | | 12 V - 3.0 kW |
| Alternator | | | 12 V - 80 Amp |

## HYDRAULIC SYSTEM

| MAIN PUMP | |
|---|---|
| Type | Two variable displacement piston pumps + gear pump |
| Max. flow | 2 x 72 ℓ/min + 53,2 ℓ/min |
| Sub-pump for pilot circuit | Gear pump |
| Cross-sensing and fuel saving pump system | |
| **HYDRAULIC MOTORS** | |
| Travel | Two speed axial piston motor with counter balance valve and parking brake |
| Swing | Axial piston motor with automatic brake |
| **RELIEF VALVE SETTING** | |
| Implement circuits | P1 / P2 : 280 kgf/cm² (3,980 psi)<br>P3 : 230 kgf/cm² (3,270 psi) |
| Travel circuit | 280 kgf/cm² (3,980 psi) |
| Swing circuit | 230 kgf/cm² (3,270 psi) |
| Pilot circuit | 35 kgf/cm² (500 psi) |
| Service valve | Installed |
| **HYDRAULIC CYLINDERS** | |
| No. of cylinder bore x stroke | Boom: 1-115 x 850 mm (4.5" x 33.5") |
| | Arm: 1-100 x 873 mm (3.9" x 34.4") |
| | Bucket: 1-85 x 685 mm (3.3" x 27.0") |
| | Boom swing: 1-110 x 744 mm (4.3" x 29.3") |
| | Dozer blade: 1-130 x 152 mm (5.1" x 6.0") |

## OPERATOR'S CAB

| NOISE LEVELS | |
|---|---|
| Outside cabin - LwA | 98 dB |
| Inside cabin - LpA | 78 dB |

## TRAVEL SYSTEM

| | |
|---|---|
| Drive method | Full hydrostatic type |
| Drive motor | Axial piston motor, in-shoe design |
| Reduction system | Planetary reduction gear |
| Max. drawbar pull | 7,400 kgf (16,310 lbf) |
| Max. travel speed (high) / (low) | 4.3 km/hr (2.7 mph) / 2.8 km/hr (1.7 mph) |
| Gradeability | 35° (70%) |
| Parking brake | Multi-wet disc |

## CONTROLS

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

| | |
|---|---|
| Pilot control | Two joysticks with one safety lever<br>(LH): Arm swing, Boom swing<br>(RH): Boom and bucket (ISO) |
| Traveling and steering | Two levers with pedals |
| Engine speed | Electric, Dial type |

## SWING SYSTEM

| | |
|---|---|
| Swing motor | Axial piston motor |
| Swing reduction | Planetary gear reduction |
| Swing bearing lubrication | Grease-bathed |
| Swing brake | Multi wet disc |
| Swing speed | 9.6 rpm |

## COOLANT & LUBRICANT CAPACITY

| | liter |
|---|---|
| Fuel tank | 120.0 |
| Engine coolant | 11.0 |
| Engine oil | 11.6 |
| Final drive (each) | 1.2 |
| Hydraulic tank | 71.0 |
| Hydraulic system | 120.0 |

## UNDERCARRIAGE

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

| | |
|---|---|
| Center frame | X - leg type |
| Track frame | Pentagonal box type |
| No. of track shoe on each side | 39 |
| No. of carrier rollers on each side | 1 |
| No. of track rollers on each side | 5 |

## OPERATING WEIGHT

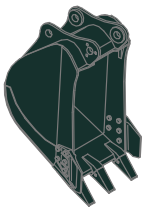
Operating weight, including 3,400 mm (12' 2") boom, 1,670 mm (5' 6") arm, SAE heaped 0.28 m³ (0.37 yd³) digging bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

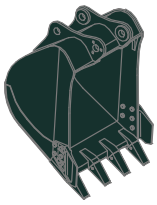
| MAJOR COMPONENT WEIGHT | |
|---|---|
| Upperstructure | 4,090 kg (9,020 lb) |
| Counterweight | 930 kg (2,050 lb) |
| Mono boom (with arm cylinder) | 550 kg (1,210 lb) |

| OPERATING WEIGHT | | |
|---|---|---|
| Operating weight | Steel tracks | 8,350 kg (18,410 lb) |
| | Rubber tracks | 8,250 kg (18,190 lb) |
| Ground Pressure | Steel tracks | 0.39 kgf·m / cm² (5.55 psi) |
| | Rubber tracks | 0.38 kgf·m / cm² (5.40 psi) |

## BUCKETS

| Capacity | | Width | | Weight |
|---|---|---|---|---|
| SAE heaped | CECE heaped | Without side cutters | With side cutters | |
| 0.14 m³ (0.18 yd³) | 0.13 m³ (0.17 yd³) | 390 mm (15.4") | 470 mm (18.5") | 185 kg (410 lb) |
| 0.28 m³ (0.37 yd³) | 0.25 m³ (0.33 yd³) | 730 mm (28.7") | 810 mm (31.9") | 230 kg (510 lb) |





SAE heaped 0.14 m³ (0.18 yd³) 0.28 m³ (0.37 yd³)

## DIGGING FORCE (ISO)

| | |
|---|---|
| Bucket | 5,700 kgf |
| | 55.9 kN |
| | 12,570 lbf |
| Arm | 4,300 kgf |
| | 42.2 kN |
| | 9,480 lbf |

# Lifting Capacities

## R80CR-9

Rating over-front Rating over-side or 360 degrees

Boom : 3.4 m (12' 2") / Arm : 1.67 m (5' 6") / Bucket : 0.28 m³ (0.37 yd³) SAE heaped / Dozer blade down with 930 kg (2,050 lb) counterweight.

| Load point height m (ft) | | Load radius | | | | | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | Capacity | | Reach |
| | | | | | | | | | | m (ft ) |
| 4.5 m | kg | | | | | *1550 | 1480 | *1470 | 1040 | 5.74 |
| (15 ft) | lb | | | | | *3420 | 3260 | *3240 | 2290 | (17.9) |
| 3.0 m | kg | | | | | *1740 | 1430 | *1530 | 780 | 6.23 |
| (10 ft) | lb | | | | | *3840 | 3150 | *3370 | 1720 | (20.4) |
| 1.5 m | kg | | | *4050 | 2510 | *2260 | 1320 | *1620 | 700 | 6.45 |
| (5 ft) | lb | | | *8930 | 5530 | *4980 | 2910 | *3570 | 1540 | (21.2) |
| Ground Line | kg | | | *4830 | 2320 | *2650 | 1230 | *1710 | 740 | 6.20 |
| | lb | | | *10650 | 5110 | *5840 | 2710 | *3770 | 1630 | (20.3) |
| -1.5 m | kg | *4730 | *4730 | *4410 | 2320 | *2550 | 1210 | *1760 | 940 | 5.38 |
| (-5 ft) | lb | *10430 | *10430 | *9720 | 5110 | *5620 | 2670 | *3880 | 2070 | (17.7) |
| -3.0 m | kg | | | *2810 | 2430 | | | | | |
| (-10 ft) | lb | | | *6190 | 5360 | | | | | |

1. Lifting capacity is based on SAE J1097, ISO 10567.
2. 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.
3. The load point is a hook located on the back of the bucket.
4. (*) indicates the load limited by hydraulic capacity.

# Lifting Capacities

## R80CR-9

Rating over-front  Rating over-side or 360 degrees

Boom : 3.4m (12′ 2″) / Arm : 1.67 m (5′ 6″) / Bucket : 0.28m³ (0.37yd³) SAE heaped / Dozer blade up with 930 kg (2,050 lb) counterweight.

| Load point height m (ft) | | Load radius | | | | | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | Capacity | | Reach |
| | | | | | | | | | | m (ft ) |
| 4.5 m | kg | | | | | *1550 | 1380 | 1110 | 970 | 5.74 |
| (15 ft) | lb | | | | | *3420 | 3040 | 2450 | 2140 | (17.9) |
| 3.0 m | kg | | | | | 1540 | 1340 | 840 | 730 | 6.23 |
| (10 ft) | lb | | | | | 3400 | 2950 | 1850 | 1610 | (20.4) |
| 1.5 m | kg | | | 2770 | 2320 | 1430 | 1230 | 760 | 650 | 6.45 |
| (5 ft) | lb | | | 6110 | 5110 | 3150 | 2710 | 1680 | 1430 | (21.2) |
| Ground Line | kg | | | 2570 | 2140 | 1330 | 1140 | 790 | 680 | 6.20 |
| | lb | | | 5670 | 4720 | 2930 | 2510 | 1740 | 1500 | (20.3) |
| -1.5 m | kg | *4730 | *4730 | 2570 | 2140 | 1310 | 1120 | 1010 | 870 | 5.38 |
| (-5 ft) | lb | *10430 | *10430 | 5670 | 4720 | 2890 | 2470 | 2230 | 1920 | (17.7) |
| -3.0 m | kg | | | 2690 | 2250 | | | | | |
| (-10 ft) | lb | | | 5930 | 4960 | | | | | |

Boom : 3.4m (12′ 2″) / Arm : 2.20 m (7′ 3″) / Bucket : 0.28m³ (0.37yd³) SAE heaped / Dozer blade down with 930 kg (2,050 lb) counterweight.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | Capacity | | Reach |
| | | | | | | | | | | | | m (ft ) |
| 4.5 m | kg | | | | | *1180 | *1180 | | | *1280 | 810 | 6.17 |
| (15 ft) | lb | | | | | *2600 | *2600 | | | *2820 | 1790 | (20.2) |
| 3.0 m | kg | | | | | *1410 | *1410 | *1400 | 820 | *1320 | 630 | 6.84 |
| (10 ft) | lb | | | | | *3110 | *3110 | *3090 | 1810 | *2910 | 1390 | (22.4) |
| 1.5 m | kg | | | *3280 | 2580 | *1970 | 1310 | *1570 | 780 | *1390 | 570 | 7.03 |
| (5 ft) | lb | | | *7230 | 5690 | *4340 | 2890 | *3460 | 1720 | *3060 | 1260 | (23.1) |
| Ground Line | kg | *1900 | *1900 | *4600 | 2270 | *2470 | 1190 | *1730 | 730 | *1460 | 590 | 6.80 |
| | lb | *4190 | *4190 | *10140 | 5000 | *5450 | 2620 | *3810 | 1610 | *3220 | 1300 | (22.3) |
| -1.5 m | kg | *3590 | *3590 | *4590 | 2220 | *2580 | 1140 | | | *1500 | 720 | 6.09 |
| (-5 ft) | lb | *7910 | *7910 | *10120 | 4890 | *5690 | 2510 | | | *3310 | 1590 | (20.0) |
| -3.0 m | kg | *5800 | *5800 | *3530 | 2290 | *1890 | 1190 | | | *1360 | 1220 | 4.58 |
| (-10 ft) | lb | *12790 | *12790 | *7780 | 5050 | *4170 | 2620 | | | *3000 | 2690 | (15.0) |

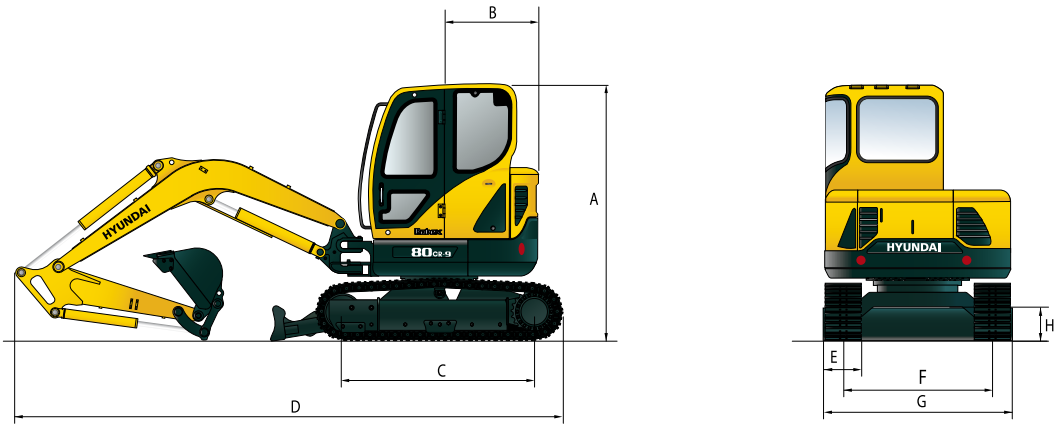
Boom : 3.4m (12′ 2″) / Arm : 2.20 m (7′ 3″) / Bucket : 0.28m³ (0.37yd³) SAE heaped / Dozer blade up with 930 kg (2,050 lb) counterweight.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | Capacity | | Reach |
| | | | | | | | | | | | | m (ft ) |
| 4.5 m | kg | | | | | *1180 | *1180 | | | 870 | 750 | 6.17 |
| (15 ft) | lb | | | | | *2600 | *2600 | | | 1920 | 1650 | (20.2) |
| 3.0 m | kg | | | | | *1410 | 1350 | 880 | 760 | 680 | 580 | 6.84 |
| (10 ft) | lb | | | | | *3110 | 2980 | 1940 | 1680 | 1500 | 1280 | (22.4) |
| 1.5 m | kg | | | 2850 | 2390 | 1420 | 1220 | 840 | 720 | 610 | 520 | 7.03 |
| (5 ft) | lb | | | 6280 | 5270 | 3130 | 2690 | 1850 | 1590 | 1340 | 1150 | (23.1) |
| Ground Line | kg | *1900 | *1900 | 2520 | 2090 | 1290 | 1100 | 790 | 670 | 640 | 540 | 6.80 |
| | lb | *4190 | *4190 | 5560 | 4610 | 2840 | 2430 | 1740 | 1480 | 1410 | 1190 | (22.3) |
| -1.5 m | kg | *3590 | *3590 | 2460 | 2040 | 1240 | 1050 | | | 780 | 660 | 6.09 |
| (-5 ft) | lb | *7910 | *7910 | 5420 | 4500 | 2730 | 2310 | | | 1720 | 1460 | (20.0) |
| -3.0 m | kg | *5800 | *5800 | 2540 | 2110 | 1290 | 1100 | | | 1320 | 1130 | 4.58 |
| (-10 ft) | lb | *12790 | *12790 | 5600 | 4650 | 2840 | 2430 | | | 2910 | 2490 | (15.0) |

1. Lifting capacity is based on SAE J1097, ISO 10567.
2. 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.
3. The load point is a hook located on the back of the bucket.
4. (*) indicates the load limited by hydraulic capacity.

# Dimensions & Working Ranges

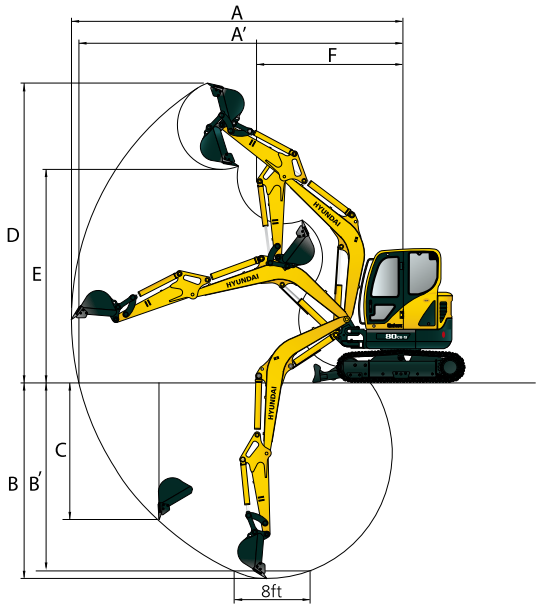
## R80CR-9 DIMENSIONS




mm (ft · in)

| | | | | | |
|---|---|---|---|---|---|
| **A** | Overall height of cab | 2,640 (8' 8") | **E** | Track shoe width | Steel 450 (1' 6") |
| **B** | Tail swing radius | 1,280 (4' 2") | | | Rubber 450 (1' 6") |
| **C** | Tumbler distance | 2,200 (7' 3") | **F** | Track gauge | 1,850 (6' 1") |
| **D** | Overall length | 6,170 (20' 3") | **G** | Overall width | 2,300 (7' 7") |
| | | | **H** | Ground clearance | 360 (1' 2") |

## R80CR-9 WORKING RANGE




mm (ft · in)

| | | | |
|---|---|---|---|
| | Boom length | 3,400 (11' 2") | |
| | Arm length | 1,670 (5' 6") | 2,200 (7' 3") |
| A | Max. digging reach | 6,960 (22' 10") | 7,390 (24' 3") |
| A' | Max. digging reach on ground level | 6,820 (22' 5") | 7,250 (23' 9") |
| B | Max. digging depth | 4,150 (13' 7") | 4,620 (15' 2") |
| B' | Max. digging depth (8' level) | 3,780 (12' 5") | 4,330 (14' 2") |
| C | Max. vertical wall digging depth | 3,570 (11' 9") | 4,040 (13' 3") |
| D | Max. digging height | 6,740 (22' 1") | 7,040 (23' 1") |
| E | Max. dumping height | 4,730 (15' 6") | 5,050 (16' 7") |
| F | Min. front swing radius | 2,500 (8' 2") | 2,610 (8' 7") |

# Notes

# Notes

## STANDARD EQUIPMENT

**ISO standard cabin**
- · Cabin ROPS (ISO 12117-2)
  FOG (ISO 10262 Level 1)
  TOPS (ISO 12117)
- · All-weather steel cab with all-around visibility
- · Safety glass windows
- · Rise-up type windshield wiper
- · Sliding fold-in front window
- · Sliding side window
- · Lockable door
- · Accessory box & Ash-tray

**Centralized monitoring**
- · Engine speed
- · Gauges
  Fuel level gauge
  Engine coolant temperature gauge
- · Warning lamps
  Fuel level
  Engine oil pressure
  Engine coolant temperature
  Hyd. oil temperature
  Low battery
  Air filter clogging
  Water in Fuel prefilter

**Air-conditioner & heater**
**Single acting piping kit (breaker, etc)**
**Door and cab locks, one key fits all**
**Radio / MP3 Player with AUX-input**
**Outside rear view mirror**
**Fully adjustable suspension seat with seat belt**
**Console box tilting system(LH.)**
**Three front working lights**
**Electric horn**
**Battery (1 x 12 V x 100 AH)**
**Battery master switch**
**12 volt power supply**
**Automatic swing brake**
**Removable diesel tank**
**Water separator, fuel line**
**Counterweight**
**Mono boom (3.4 m, 11' 2")**
**Arm (1.67 m, 5' 6")**
**Steel tracks (450 mm, 1' 6")**
**Track rail guard**
**Starting aid (air grid heater) cold weather**

## OPTIONAL EQUIPMENT

**Fuel filler pump (35 ℓ/min, 9.2 US gpm)**
**Beacon lamp**
**Double acting piping kit (clamshell, etc)**
**Accumulator, work equipment lowering**
**Travel alarm**
**Quick coupler**
**Rubber tracks (450 mm, 1' 6")**
**Narrow bucket (0.14 $m^3$, 0.18 $yd^3$)**
**Long arm (2.2 m, 7' 3")**
**Tool kit**
**Operator suit**
**Mechanical suspension seat with heater**
**Cabin rear work lamp**
**Pattern change valve (2 patterns)**
**Steel tracks (600 mm, 1' 12")**

* 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

HYUNDAI
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CONSTRUCTION EQUIPMENT

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