

## STANDARD EQUIPMENT

|   |  |  |  |  |
|---|--|--|--|--|
| ISO standard cabin<br>·Cabin FOPS(ISO 10262)<br>TOPS(ISO 12117) | ·Accessory box<br>·Centralized monitoring<br>·Gauges<br>·Fuel level gauge<br>·Engine coolant temperature gauge<br>·Warning<br>·Quick clamp<br>·Engine oil pressure | ·Engine coolant temperature Preheat<br>·Low battery<br>·Air cleaner clogging<br>·Fuel empty<br>·Door and locks, one key<br>·Mechanical suspension seat with seat belt<br>·Radio / USB Player | ·Console box tilting system(LH.)<br>·One front working light<br>·Electric horn<br>·Battery (1 x 12 V x 80 AH)<br>·Battery master switch<br>·Automatic swing brake<br>·Removable reservoir tank<br>·Water separator, fuel line<br>·Mono boom (2.5 m, 8' 2") | ·Arm (1.3 m, 4' 3")<br>·Rubber shoe (300mm, 12")<br>·Single acting piping (Breaker, etc)<br>·Double acting piping (Clamshell, etc) |
|---|--|--|--|--|

## OPTIONAL EQUIPMENT

|   |  |   |  |
|---|--|---|--|
| ISO standard canopy<br>·Canopy FOPS(ISO 10262)<br>TOPS(ISO 12117) | ·Accumulator, work equipment lowering<br>·Travel alarm<br>·Quick coupler<br>·Safety valve for boom and arm cylinders and overload warning device<br>·Safety valve for dozer blade cylinder | ·Tool kit<br>·Heater & Defroster<br>·Lever pattern change valve<br>·Steel shoe (300mm, 12") | ·Air conditioner<br>·Long Arm (1.6m)<br>·Additional CWT (150kg, 330lb)<br>·Cabin work lamp |
|---|--|---|--|

\* 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**  
CONSTRUCTION EQUIPMENT

Head Office (Sales office)  
First tower, 55, Bundang-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

MOVING YOU FURTHER

Robex

**35z-9**

With Tier 3 Engine installed



\*Photo may include optional equipment.



# Pride at Work

Hyundai construction equipment strives to build state-of-the-art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences, and proven quality. Take pride in your work with Hyundai!



\*Photo may include optional equipment.

## Robex 35Z-9

### Machine Walk-Around

#### Rugged Upper and Lower Frame

The upper frame is designed to be heavy duty to absorb high stress load on the job. X-leg center frame and reinforced box section track frame provide exceptional strength and longer service life to withstand tough working conditions.

#### Engine Technology

The R35Z-9 is powered by a proven and reliable, Tier 3 certified YANMAR 3TNV88. This engine provides efficient fuel combustion and reduced noise.

#### Efficient Control System

Control devices are all conveniently located for improved operator comfort and productivity. A safety lever on the left-side console is designed to prevent exiting the cabin while hydraulic controls are live.

#### Advanced Hydraulic System

The R35Z-9 hydraulic system is precision designed for fast operation with fine control capabilities.

#### Comfortable and Durable Cabin

The cabin is roomy and ergonomically designed, with reduced sound levels and good visibility. Both canopy and cabin style frames meet international standards TOPS, FOPS ensuring operator's safety.

#### Operator Convenience

The R35Z-9 features a suspension seat, foldable pedals for added space and multiple storage compartments. The monitoring system includes seven warning indicators, water temperature gauge, fuel gauge and hour meter for productive, convenient operating.

#### Easy and Simple Maintenance

An adjustable suspension seat, wrist rests, ergonomically designed joysticks and plenty of leg room help to reduce operator fatigue. A array of indicators and gauges are displayed on the monitor which keep the operator aware of machine performance at all times. The monitoring system includes seven warning indicators, water temperature gauge, fuel gauge and hour meter.

#### Extended Life of Components

The R35Z-9 reduces operating costs over time with long life hydraulic filters, hydraulic oil, shims and bushings.



# Preference

The R35Z-9 offers an operator an optimal work environment with a cabin designed for comfort and sophistication. Operating R35Z-9 is unique to every operator. Operators can fully customize their work environment and operating preferences to fit their individual needs.



\*Photo may include optional equipment.



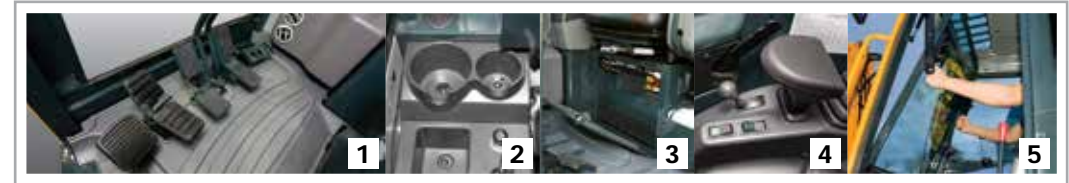
## Monitor

The newly designed cabin was conceived for more space, a wider field of view and operator comfort. Special attention was given to a clear, open and convenient interior with plenty of visibility on the machine surroundings and the job at hand. This well balanced combination of precision aspects put the operator in the perfect position to work safely and securely.

## Comfortable Operating Cabin

In a 9 series cabin, you can easily adjust the seat and wrist rests settings to best suit your preferred operating condition.

1. All pedals are foldable for additional floor space. Foot rest, attachment pedal, left and right travel pedals and boom swing pedal are arranged for convenient access.
2. Two cup holders are integrated into the right console for large and small drink storage.
3. An additional storage box with key lock is accessible under the operator's seat.
4. Adjustable wrist rests provide additional comfort.
5. A sliding fold-in front window is easily opened and safely stored in an open position to improve ventilation and visibility.(Cabin type only)



## Reduced Stress

An operator's work environment should be stress free. Hyundai's R35Z-9 compact excavator is designed for comfort, reduced sound and plenty of space to reduce stress on the operator.

## Operator Comfort

The left and right control levers are ergonomically located for convenient access. A safety lock system is designed to prevent exiting the cabin while hydraulic controls are live. When the safety lever and left side console are positioned upright, hydraulic functions are disengaged.



A tiltable left-side console make the operator easier to enter and exit the cab.





# Precision & Performance

New technologies designed to improve performance and precision, make the R35Z-9 smooth, fast and easy to control.



\*Photo may include optional equipment.



## Boom Swing

The R35Z-9's boom swing function is designed for efficient work in congested residential and urban areas. The boom can be offset left or right within an operating range.

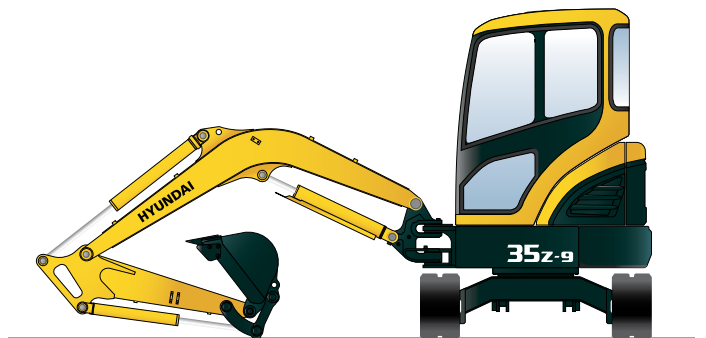
## Improved Hydraulic System

Optimized matching between the joystick and main control valve improves fine control and smoothness of operation. An arm flow summation system provides energy savings, reduced cavitation and increased speed. To improve safety and avoid boom drift the R35Z-9 is equipped with an integrated boom holding system.



## Structure Strength

The R35Z-9 cabin structure has been fitted with stronger but slimmer tubing for added safety and improved visibility. Low-stress, high strength steel is integrally welded to form a stronger, more durable upper and lower frame. Structural integrity was tested by way of FEM (Finite Elements Method) analysis and long-term durability tests.



## Zero-tail Swing

R35Z-9's short tail swing radius allows the operator work in confined areas like close to buildings on roadways, and in urban areas. This compact radius design provides easy and efficient operation in any limited space work environment.

## Yanmar 3TNV88

Tier 3 certified, Yanmar 3TNV88 engine provides maximum power, reliability, optimum fuel economy, and reduced emissions.



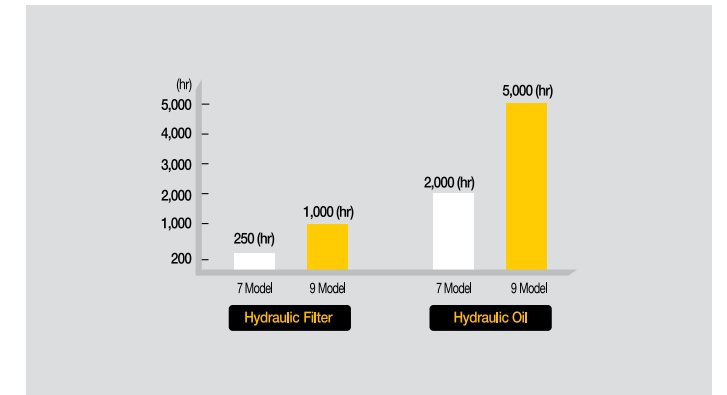
# Profitability

R35Z-9 is designed to maximize profitability through improved efficiencies, enhanced service features and longer life components.



## Easy Access

The R35Z-9 was built with accessibility in mind. All doors, covers and hoods were built for complete open access. Regular service and maintenance is easy and convenient with the R35Z-9.



## Extended the Life of Components

9 series excavators were designed with bushings designed for extended lube intervals (250 hrs) & polymer shims (wear resistant, noise reducing), extended-life hydraulic filters (1,000hrs), long-life hydraulic oil (5,000hrs), more efficient cooling systems and integrated preheating systems which extend service intervals, minimize operating costs and reduce machine down time.



## Easy Change Air Cleaner

The R35Z-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.

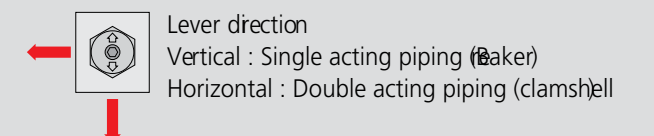


## Lever Pattern Change Valve<sup>(option)</sup>

Joystick control patterns can be changed through an optional pattern change valve positioned for easy access.



## Selector Valve for Single or Double Acting Piping



\*Photo may include optional equipment.

# Specifications

## ENGINE

|                            |  |                               |
|----------------------------|--|-------------------------------|
| MODEL                      | Yanmar 3TNV88  |                               |
| Type                       | Water cooled, 4 cycle Diesel, 3-cylinders in line, direct injection, low noise |                               |
| Rated flywheel horse power |  |                               |
| SAE                        | J1995 (gross)  | 27.3 HP ( 20.4kW) at 2,200rpm |
|                            | J1349 (net)  | 26.5 HP ( 19.8kW) at 2,200rpm |
| DIN                        | 6271/1 (gross)   | 27.6 PS ( 20.3kW) at 2,200rpm |
|                            | 6271/1 (net)   | 26.9 PS ( 19.8kW) at 2,200rpm |
| Max. torque                | 10.9 kgf·m(79 lbf·ft) at 1,100 rpm   |                               |
| Bore X stroke              | 88mm x 90mm (3.5" x 3.5")  |                               |
| Piston displacement        | 1,642 cc (100 in <sup>3</sup> )  |                               |
| Batteries                  | 12V - 80 AH  |                               |
| Starting motor             | 12V - 2.3kW  |                               |
| Alternator                 | 12V - 55 A   |                               |

## HYDRAULIC SYSTEM

|                            |   |
|----------------------------|---|
| MAIN PUMP                  |   |
| Type                       | Variable displacement piston pumps  |
| Rated flow                 | 2 x 38.5 + 23.5 + 11.2 L/min  |
| Sub-pump for pilot circuit | Gear pump   |
| 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         | 230 kgf/cm <sup>2</sup> (3,270 psi)                                       |
| Travel circuit             | 230 kgf/cm <sup>2</sup> (3,270 psi)                                       |
| Swing circuit              | 200 kgf/cm <sup>2</sup> (2,840 psi)                                       |
| Pilot circuit              | 30 kgf/cm <sup>2</sup> (430 psi)  |
| Service valve              | Installed   |

## HYDRAULIC CYLINDER

|                                 |                                      |
|---------------------------------|--------------------------------------|
| NO. OF CYLINDER - BORE X STROKE |                                      |
| Boom                            | 2-120 x 1,290 mm (4.7" x 50.8")      |
| Arm                             | 1-140 x 1,510 mm (5.5" x 59.4")      |
| Bucket                          | 1-bore 120 x 1,055 mm (4.7" x 41.5") |
| Blade                           | 2-125 x 222 mm (4.9" x 8.7")         |
| Outtrigger                      | 2-130 x 427 mm (5.1" x 16.8")        |

## NOISE LEVEL(CAB)

|                              |      |
|------------------------------|------|
| NOISE LEVELS (DYNAMIC VALUE) |      |
| LwA                          | 94dB |
| LpA                          | 75dB |

## COOLANT & LUBRICANT CAPACITY

|                |       |        |        |
|----------------|-------|--------|--------|
| Refilling      | liter | US gal | UK gal |
| Fuel tank      | 42    | 11.1   | 9.2    |
| Engine coolant | 5     | 1.32   | 1.1    |
| Engine oil     | 6.7   | 1.77   | 1.5    |
| Hydraulic tank | 46    | 12.2   | 10.1   |

## TRAVEL LEVERS

Traveling and steering : Two levers with pedals.

## CONTROL LEVERS

|                 |  |
|-----------------|--|
| Type            |  |
| Pilot control   | Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket (ISO) |
| Engine throttle | Mechanical, cable type   |

## SWING SYSTEM

|                           |                          |
|---------------------------|--------------------------|
| Swing motor               | Axial piston motor       |
| Swing reduction           | Planetary gear reduction |
| Swing bearing lubrication | Grease-bathed            |
| Swing brake(option)       | Wet disc                 |
| Swing speed               | 9.5 rpm                  |

## DRIVES & BRAKES

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Max. travel speed(high) / (low) | 4.5km / 2.5km (2.8mph) / (1.6mph) |
| Maximum traction force          | 3.1ton                            |
| Maximum gradeability            | 30°                               |
| Parking brake                   | Wet disc                          |

## DIGGING FORCE(ISO)

|        |           |           |
|--------|-----------|-----------|
| Bucket | 1.3m Arm  | 1.6m Arm  |
|        | 3,200 kgf | 3,200 kgf |
|        | 31.4 kN   | 31.4 kN   |
| Arm    | 7,050 lbf | 7,050 lbf |
|        | 1,990 kgf | 1,720 kgf |
|        | 19.5 kN   | 16.9 kN   |
|        | 4,390 lbf | 3,790 lbf |

## WEIGHT (APPROXIMATE)

Operating weight, including 2,500 mm (8' 2") boom, 1,300 mm (4' 3") arm, SAE heaped 0.11 m<sup>3</sup> (0.14yd<sup>3</sup>) excavator bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

|                  |                    |                                   |
|------------------|--------------------|-----------------------------------|
| Shoe Width       | Rubber 300mm (12") | Steel 300mm (12")                 |
| Operating Weight | Cabin              | 3,650 kg (8,050lb)                |
|                  | Canopy             | 3,500 kg (7,720lb)                |
| Ground Pressure  | Cabin              | 0.33 kg/cm <sup>2</sup> (4.76psi) |
|                  | Canopy             | 0.32 kg/cm <sup>2</sup> (4.57psi) |

## UNDERCARRIAGE

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

|                                    |                     |
|------------------------------------|---------------------|
| Center frame                       | X-leg type          |
| Track frame                        | Pentagonal box type |
| No. of carrier roller on each side | 1                   |
| No. of track roller on each side   | 4                   |

## AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1430)  
The system hold 0.6kg refrigerant consisting of a CO<sub>2</sub> equivalent 0.86kg metric tonne.  
For more information, Please refer to the manual.

## LIFTING CAPACITIES R35Z-9

Rating over-front Rating over-side or 360 degree

Boom : 2.50 m (8' 2") / Arm : 1.30 m (4' 3") / Bucket : 0.11 m<sup>3</sup> (0.14 yd<sup>3</sup>) SAE heaped / Dozer blade up : 300mm(12") rubber track

| Load point height<br>m (ft) | Load radius |       |             |       |              |       |              |      | At max. reach |      |        |
|-----------------------------|-------------|-------|-------------|-------|--------------|-------|--------------|------|---------------|------|--------|
|                             | 1.0 m(3 ft) |       | 2.0 m(7 ft) |       | 3.0 m(10 ft) |       | 4.0 m(13 ft) |      | Capacity      |      |        |
|                             |             |       |             |       |              |       |              |      |               |      |        |
| 4.0 m<br>(13 ft)            | kg          |       |             |       |              |       |              |      | *540          | 500  | 3.94   |
|                             | lb          |       |             |       |              |       |              |      | *1190         | 1100 | (12.9) |
| 3.0 m<br>(10 ft)            | kg          |       |             |       |              |       | 550          | 470  | 420           | 350  | 4.74   |
|                             | lb          |       |             |       |              |       | 1210         | 1040 | 930           | 770  | (15.6) |
| 2.0 m<br>(7 ft)             | kg          |       |             |       |              | *790  | 750          | 540  | 460           | 360  | 300    |
|                             | lb          |       |             |       |              | *1740 | 1650         | 1190 | 1010          | 790  | 660    |
| 1.0 m<br>(3 ft)             | kg          |       |             |       |              | 820   | 690          | 520  | 430           | 340  | 280    |
|                             | lb          |       |             |       |              | 1810  | 1520         | 1150 | 950           | 750  | 620    |
| Ground                      | kg          |       |             | 1570  | 1250         | 780   | 650          | 500  | 420           | 360  | 300    |
| Line                        | lb          |       |             | 3460  | 2760         | 1720  | 1430         | 1100 | 930           | 790  | 660    |
| -1.0 m<br>(-3 ft)           | kg          | *2100 | *2100       | 1580  | 1260         | 780   | 640          | 500  | 410           | 440  | 370    |
|                             | lb          | *4630 | *4630       | 3480  | 2780         | 1720  | 1410         | 1100 | 900           | 970  | 820    |
| -2.0 m<br>(-7 ft)           | kg          |       |             | *1540 | 1300         | 800   | 670          |      |               |      |        |
|                             | lb          |       |             | *3400 | 2870         | 1760  | 1480         |      |               |      |        |

Boom : 2.50 m (8' 2") / Arm : 1.30 m (4' 3") / Bucket : 0.11 m<sup>3</sup> (0.14 yd<sup>3</sup>) SAE heaped / Dozer blade up : 300mm(12") rubber track

| Load point height<br>m (ft) | Load radius |       |             |       |              |       |              |       | At max. reach |       |        |
|-----------------------------|-------------|-------|-------------|-------|--------------|-------|--------------|-------|---------------|-------|--------|
|                             | 1.0 m(3 ft) |       | 2.0 m(7 ft) |       | 3.0 m(10 ft) |       | 4.0 m(13 ft) |       | Capacity      |       |        |
|                             |             |       |             |       |              |       |              |       |               |       |        |
| 7.5 m<br>(25 ft)            | kg          |       |             |       |              |       |              |       | *540          | 530   | 3.94   |
|                             | lb          |       |             |       |              |       |              |       | *1190         | 1170  | (12.9) |
| 4.5 m<br>(15 ft)            | kg          |       |             |       |              |       | *610         | 490   | *550          | 380   | 4.74   |
|                             | lb          |       |             |       |              |       | *1340        | 1080  | *1210         | 840   | (15.6) |
| 3.0m<br>(10 ft)             | kg          |       |             |       |              | *790  | *790         | *660  | 480           | *570  | 320    |
|                             | lb          |       |             |       |              | *1740 | *1740        | *1460 | 1060          | *1260 | 710    |
| 1.5 m<br>(5 ft)             | kg          |       |             |       |              | *1120 | 730          | *770  | 460           | *590  | 300    |
|                             | lb          |       |             |       |              | *2470 | 1610         | *1700 | 1010          | *1300 | 660    |
| Ground                      | kg          |       |             | *1720 | 1340         | *1310 | 690          | *850  | 440           | *610  | 320    |
| Line                        | lb          |       |             | *3790 | 2950         | *2890 | 1520         | *1870 | 970           | *1340 | 710    |
| -1.5 m<br>(-5 ft)           | kg          | *2100 | *2100       | *2240 | 1350         | *1260 | 680          | *790  | 440           | *610  | 390    |
|                             | lb          | *4630 | *4630       | *4940 | 2980         | *2780 | 1500         | *1740 | 970           | *1340 | 860    |
| -4.5 m<br>(-15 ft)          | kg          |       |             | *1540 | 1390         | *870  | 710          |       |               |       |        |
|                             | lb          |       |             | *3400 | 3060         | *1920 | 1570         |       |               |       |        |

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.











Caution : Please be aware of the local regulation and instructions for lifting operations.

# Specifications

## LIFTING CAPACITIES R35Z-9

 Rating over-front  Rating over-side or 360 degree











Boom : 2.50 m (8' 2") / Arm : 1.60 m (5' 3") / Bucket : 0.11 m<sup>3</sup> (0.14 yd<sup>3</sup>) SAE heaped / Dozer blade up : 300mm(12") rubber track

| Load point height<br>m (ft) |    | Load radius   |   |   |   |   |   |   |   | At max. reach   |   |        |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|
|                             |    | 1.0 m(3 ft)   |   | 2.0 m(7 ft)   |   | 3.0 m(10 ft)  |   | 4.0 m(13 ft)  |   | Capacity  |   | Reach  |
|                             |    |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 4.0 m                       | kg |   |   |   |   |   |   |   |   | *490  | 420   | 4.35   |
| (13 ft)                     | lb |   |   |   |   |   |   |   |   | *1080   | 930   | (14.3) |
| 3.0 m                       | kg |   |   |   |   |   |   | *520  | 480   | 370   | 310   | 5.06   |
| (10 ft)                     | lb |   |   |   |   |   |   | *1150   | 1060  | 820   | 680   | (16.6) |
| 2.0 m                       | kg |   |   |   |   |   |   | 550   | 460   | 320   | 270   | 5.40   |
| (7 ft)                      | lb |   |   |   |   |   |   | 1210  | 1010  | 710   | 600   | (17.7) |
| 1.0 m                       | kg |   |   | 1630  | 1310  | 830   | 690   | 520   | 430   | 310   | 260   | 5.47   |
| (3 ft)                      | lb |   |   | 3590  | 2890  | 1830  | 1520  | 1150  | 950   | 680   | 570   | (17.9) |
| Ground                      | kg |   |   | 1550  | 1230  | 780   | 650   | 500   | 410   | 320   | 270   | 5.28   |
| Line                        | lb |   |   | 3420  | 2710  | 1720  | 1430  | 1100  | 900   | 710   | 600   | (17.3) |
| -1.0 m                      | kg | *1740   | *1740   | 1550  | 1240  | 770   | 630   | 490   | 400   | 380   | 320   | 4.80   |
| (-3 ft)                     | lb | *3840   | *3840   | 3420  | 2730  | 1700  | 1390  | 1080  | 880   | 840   | 710   | (15.7) |
| -2.0 m                      | kg | *2470   | *2470   | 1590  | 1270  | 780   | 650   |   |   |   |   |        |
| (-7 ft)                     | lb | *5450   | *5450   | 3510  | 2800  | 1720  | 1430  |   |   |   |   |        |

## LIFTING CAPACITIES R35Z-9

 Rating over-front  Rating over-side or 360 degree

Boom : 2.50 m (8' 2") / Arm : 1.60 m (5' 3") / Bucket : 0.11 m<sup>3</sup> (0.14 yd<sup>3</sup>) SAE heaped / Dozer blade up : 300mm(12") rubber track

| Load point height<br>m (ft) |    | Load radius   |   |   |   |   |   |   |   | At max. reach   |   |        |        |        |     |        |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|--------|--------|-----|--------|
|                             |    | 1.0 m(3 ft)   |   | 2.0 m(7 ft)   |   | 3.0 m(10 ft)  |   | 4.0 m(13 ft)  |   | Capacity  |   | Reach  |        |        |     |        |
|                             |    |  |  |  |  |  |  |  |  |  |  | m (ft) |        |        |     |        |
| 7.5 m                       | kg |   |   |   |   |   |   |   |   |   |   | *490   | 450    | 4.35   |     |        |
| (25 ft)                     | lb |   |   |   |   |   |   |   |   |   |   | *1080  | 990    | (14.3) |     |        |
| 4.5 m                       | kg |   |   |   |   |   |   |   |   |   |   | *520   | 500    | *500   | 330 | 5.06   |
| (15 ft)                     | lb |   |   |   |   |   |   |   |   |   |   | *1150  | 1100   | *1100  | 730 | (16.6) |
| 3.0m                        | kg |   |   |   |   |   |   |   |   |   |   | *590   | 490    | *520   | 290 | 5.40   |
| (10 ft)                     | lb |   |   |   |   |   |   |   |   |   |   | *1300  | 1080   | *1150  | 640 | (17.7) |
| 1.5 m                       | kg |   |   |   | *1940   | 1410  | *1010   | 740   | *720  | 460   | *540  | 270    | 5.47   |        |     |        |
| (5 ft)                      | lb |   |   |   | *4280   | 3190  | *2230   | 1630  | *1590   | 1010  | *1190   | 600    | (17.9) |        |     |        |
| Ground                      | kg |   |   |   | *1710   | 1320  | *1260   | 690   | *820  | 440   | *560  | 280    | 5.28   |        |     |        |
| Line                        | lb |   |   |   | *3770   | 2910  | *2780   | 1520  | *1810   | 970   | *1230   | 620    | (17.3) |        |     |        |
| -1.5 m                      | kg | *1740   | *1740   | *2410   | 1320  | *1290   | 670   | *820  | 430   | *570  | 340   | 4.80   |        |        |     |        |
| (-5 ft)                     | lb | *3840   | *3840   | *5310   | 2910  | *2840   | 1480  | *1810   | 950   | *1260   | 750   | (15.7) |        |        |     |        |
| -4.5 m                      | kg | *2470   | *2470   | *1850   | 1350  | *1040   | 690   |   |   |   |   |        |        |        |     |        |
| (-15 ft)                    | lb | *5450   | *5450   | *4080   | 2980  | *2290   | 1520  |   |   |   |   |        |        |        |     |        |

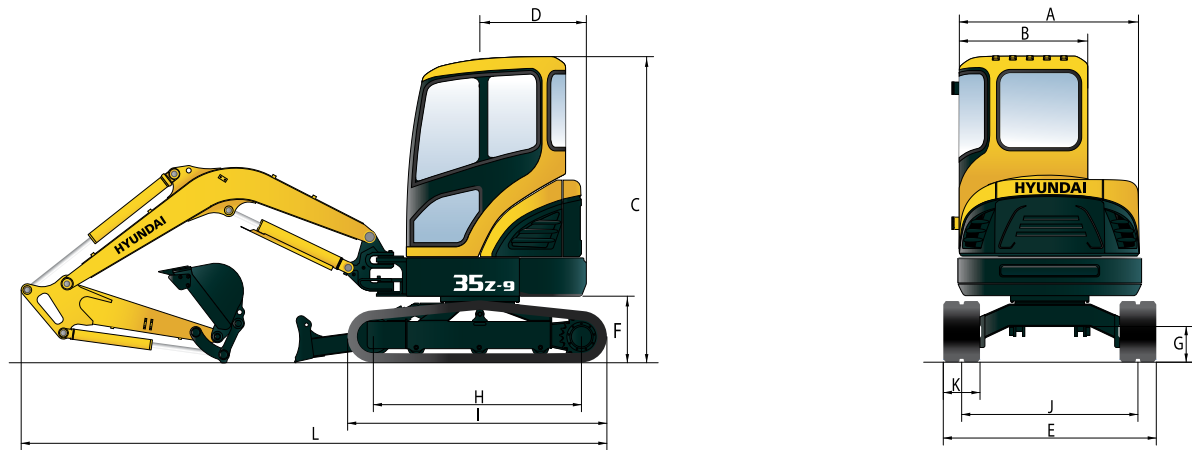
1. Lifting capacity is based on SAE J1097, ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.
4. (\*) indicates the load limited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

Caution : Please be aware of the local regulation and instructions for lifting operations.



# Dimensions & Working Range

## R35Z-9 DIMENSIONS

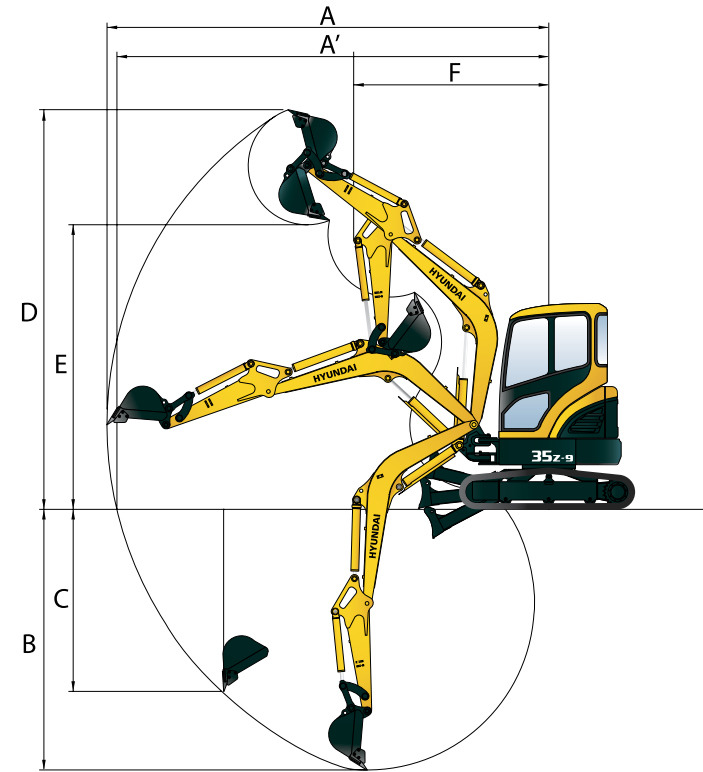


Unit : mm (ft-in)

|   |                |                           |                |
|---|----------------|---------------------------|----------------|
| <b>A</b> Overall width of upper structure | 1,500 (4' 11") | <b>G</b> Ground clearance | 290 (0' 11")   |
| <b>B</b> Overall width of cab             | 1,050 (3' 5")  | <b>H</b> Tumbler distance | 1,700 (5' 7")  |
| <b>C</b> Overall height of cab            | 2,500 (8' 2")  | <b>I</b> Track length     | 2,130 (6' 12") |
| <b>D</b> Tail swing radius                | 870 (2' 10")   | <b>J</b> Track gauge      | 1,440 (4' 9")  |
| <b>E</b> Overall width                    | 1,740 (5' 9")  | <b>K</b> Track shoe width | 300 (0' 12")   |
| <b>F</b> Clearance under counterweight    | 540 (1' 9")    | <b>L</b> Overall length   | 4,790 (15' 9") |

## R35Z-9 WORKING RANGE

Unit : mm (ft-in)



|   |                 |                 |
|---|-----------------|-----------------|
| Boom length                               | 2,500 (8' 2")   |                 |
| Arm length                                | 1,300 (4' 3")   | 1,600 (5' 3")   |
| <b>A</b> Max. digging reach               | 5,360 (17' 7")  | 5,610 (18' 5")  |
| <b>A'</b> Max. digging reach on ground    | 5,240 (17' 2")  | 5,490 (18' 0")  |
| <b>B</b> Max. digging depth               | 3,150 (10' 4")  | 3,440 (11' 3")  |
| <b>C</b> Max. vertical wall digging depth | 2,190 (7' 2")   | 2,450 (8' 0")   |
| <b>D</b> Max. digging height              | 4,830 (15' 10") | 5,000 (16' 5")  |
| <b>E</b> Max. dumping height              | 3,450 (11' 4")  | 3,610 (11' 10") |
| <b>F</b> Min. swing radius                | 2,350 (7' 9")   | 2,370 (7' 9")   |