**Standard Equipment**

- **ISO standard colors**
  - Cab: HPF1320 (3471)
  - Tipping: HPF1320 (3471)
- All-steel cabin with all-round visibility
- Safety glass windows
- Rollover protection (ISO 3471)
- Fall arrest system (ISO 3449)
- Tilt up and down (ISO 12117)
- ISO standard cabin
- Air conditioning (4000 kcal/hr, 16,000 BTU/hr)
- Fuel filler pump (35 0/9/min, 9.2 US gpm)
- Beacon lamp
- Single acting piping kit (breaker, etc)
- Double acting piping kit (clamshell, etc)
- Accumulator, work equipment lowering
- 12VDC power supply (DC-DC converter)
- Electric trencher

**Optional Equipment**

- Quick coupler
- Long arm (1.8 m, 6’2”)
- Narrow bucket (0.8 m, 0.85yd)
- Tool kit
- Operator seat
- Counterweight (210 kg, 460 lb)
- Mono boom (3.0 m, 9’10”)
- Arm (1.6 m, 5’3”)
- Tires (12.0 x 16.5 - 12PR)
- Blade (1925 x 354 mm, 6’4” x 14”)
- Starting Aid (air grid heater), cold weather

**Working ranges**

<table>
<thead>
<tr>
<th>Working Range</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Max. digging reach</td>
<td>4.18 m (14’0”)</td>
</tr>
<tr>
<td>B</td>
<td>Max. digging depth</td>
<td>2.58 m (8’6”)</td>
</tr>
<tr>
<td>C</td>
<td>Max. digging height</td>
<td>3.33 m (11’0”)</td>
</tr>
<tr>
<td>D</td>
<td>Max. dumping height</td>
<td>3.50 m (11’7”)</td>
</tr>
<tr>
<td>E</td>
<td>Min. swing radius</td>
<td>1.99 m (6’6”)</td>
</tr>
<tr>
<td>F</td>
<td>Tail swing radius</td>
<td>1.88 m (6’2”)</td>
</tr>
</tbody>
</table>

**Dimensions**

- Boom length: 4,200 mm (13’10”)
- Arm length: 3,000 mm (9’10”)

All US measurements are rounded off to nearest pound or inch.

*Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine shown may vary according to International standards.*

**PLEASE CONTACT**

www.hyundai-ce.com
Hyundai Robex 55W-7

Maximized Workability
Comfortable Operating Environment
Advanced Hydraulic System
Enhanced Durability & Reliability
Improved Fuel Efficiency

The Highest Engine Power in its Class

Yanmar 4TNV94L Tier II

57 HP / 2,400 rpm

Yanmar 4TNV94L engine provides 20.6 kgf·m (149 lbf·ft) of maximum torque with 57 HP at 2,400rpm of rated power. This means the R55W-7 runs with the most power in its class, giving you more power to get the job done.
Convenient and Comfortable Space

Wide Cab with Excellent Visibility
The cab is roomy and ergonomically designed with low noise level and good visibility. A full view front window and large rear and side windows provide excellent visibility in all directions.

Wide Comfortable Operating Space
All the controls are designed and positioned according to the latest ergonomic research. Reinforced pillars have also been added for greater cab rigidity.

Reliable Instrument Panel
All information from the devices such as engine RPM, engine water temp., fuel status and the state of all types of electric switches provide the operator with an exact condition of machine. These features make troubleshooting much easier.

Various Storage Spaces Inside Cabin
The spacious storage areas are conveniently located and are designed for easy access.

Radio & Cassette Player
Deluxe radio & cassette player are located at convenient positions.

Various Photo may include optional equipment.

High-output Air Conditioner & Heater
Large capacity air conditioning system is installed for operator’s comfort in all climates. For more convenience, the cab is equipped with defroster for the cold seasons.

Semi Long Joystick on Tilting Tower
Semi long joystick provides precise and convenient control. Tilting tower combined with large door provides more space for gateway.

Adjustable Steering Column
Steering column is adjustable to obtain optimal position for various operator’s body sizes and operating ways.

Sliding Side Window
Sliding window enables operator to communicate outside and air to circulate without having to open main door.

Sun Visor & Top Glass
Glass on top front corner is large enough to give better visibility while sun visor protects operator from exposing to direct sunlight.

Wiper
User can switch intermittent wiper out function.

Easy to Open Front Window
Sliding fold-in front window is easily opened and safely maintained in open position to improve the working condition.

Technology in Cab Design

Convenient and Comfortable Space

Wide Comfortable Operating Space
All the controls are designed and positioned according to the latest ergonomic research. Reinforced pillars have also been added for greater cab rigidity.
Performance and Durability

Arrangement Between Bucket and Blade
Attachment is designed to minimize dead space between bucket and blade for efficient grading work.

Exceptional Traction and Lifting Capacity
The considerable traction and lifting capacity enable all work to be done quickly.

Durability of structure is proven through FEM (Finite Element Method) analysis and long term durability test.

Side Protector
A protector at both corners adds safety to engine hood when machine is turned.

Rectangular Tube Cabin
Certified cabin for ROPS, FOPS, and TOPS increases safety of operator in case external force is exerted on cabin.

Gradeability
35 degrees (70%) of high gradeability and long tumbler distance make machine work much better at slope area.

Breaker Piping
Overload relief valve and pipes are installed as standard for customer’s convenience.

Boom Swing
The R55-7 is designed for efficient work in congested residential and urban areas. The offset boom is designed with a 130 degree operating range.

Strong and Stable Lower Frame
Reinforced box-section frame is all welded with low-stress and high-strength steel.

Better Ground Clearance
Better ground clearance increases safety on rough ground.

Higher Performance and Durability

Reinforced Box Section Frame
Rectangular Tube Cabin
Better Ground Clearance
Breaker Piping
Boom Swing
Higher Performance and Durability

290mm

Some of the Photo may include optional equipment.
Reliability and Serviceability

Centralized Fuse Box
Fuse box is arranged on the rear of seat for easy service.

Large Capacity Fuel Tank
The large capacity of fuel tank provides longer working time.

Battery Master Switch
The battery master switch enables checking and maintaining the battery while minimizing the discharge of battery.

Smooth and precise swing control
Shock absorbing design is more improved to stop and start swing precisely and smoothly.

Easy to Maintain Engine Components
The R55W-7 is designed with accessibility in mind. All doors, covers and hoods are built for complete open access. You'll feel that the R55W-7 offers plenty of space to complete your regular maintenance and service hassle-free.

Easy Change of Air Cleaner
The R55W-7 is fitted with durable plastic air cleaner for easy maintenance and quick service.

Easy to Fill up with Fuel (Option)
The Fuel filler pump provide easy filling of fuel tank from other tanks by electric device.

High Capacity Water Separator & Fuel Filter
To protect the injection system and minimize the risk of fuel breakdown, high capacity fuel filter and transparent water separator are applied for durability.

Easy to Fill up with Fuel (Option)
The Fuel filler pump provide easy filling of fuel tank from other tanks by electric device.

Centralized Fuse Box
Fuse box is arranged on the rear of seat for easy service.

Battery Master Switch
The battery master switch enables checking and maintaining the battery while minimizing the discharge of battery.

Smooth and precise swing control
Shock absorbing design is more improved to stop and start swing precisely and smoothly.
**Controls**

Pilot pressure-operated joysticks and pedals provide almost effortless and fatiguesless operation.

- **Pilot control**
  - Two (cylinders with one safety lever (LH) Pivot swing and arm. (RH) Boom and bucket).
- **Traveling and steering**
  - Pedal and steering wheel
- **Engine throttle**
  - Mechanical, cable type
- **External Lights**
  - Two lights mounted on the boom one below the cab

**Coolant & Lubricant Capacity**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>liters (US gal)</th>
<th>liters (UK gal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>12.0</td>
<td>31.7</td>
</tr>
<tr>
<td>Engine coolant</td>
<td>10.0</td>
<td>2.6</td>
</tr>
<tr>
<td>Engine oil</td>
<td>9.2</td>
<td>2.4</td>
</tr>
<tr>
<td>Swing device-gear oil</td>
<td>1.5</td>
<td>0.4</td>
</tr>
<tr>
<td>Hydraulic tank</td>
<td>70.0</td>
<td>18.5</td>
</tr>
</tbody>
</table>

**Axles & Wheels**

Full floating front axle is supported by center pin for oscillation. It can be locked by oscillation lock cylinders. Rear axle is fixed on the lower chassis.

- **Tires**
  - 13.0 x 18.5-12PR, single

**Dozer Blade**

Pin-on type dozer blade is standard. Dozer blade is a very useful addition for leveling and back filling or clean-up work.

- **Width x Height**
  - 1,925 x 354 mm (6' 4" x 14"")

**Operating Weight (approximate)**

Operating weight, including 3,000 mm (10') boom, 1,600 mm (5') arm. SAE heaped 0.18 m³ (0.24 yd³) digging bucket, lubricant, coolant, fuel tank, hydraulic tank and the standard equipment.

**Major component weight**

- **Upper structure**
  - 2,650 kg (5,840 lb)
- **Counterweight**
  - 220 kg (480 lb)
- **Mono boom (with arm cylinder)**
  - 310 kg (680 lb)

**Operating Weight**

Operating weight

- Mono boom with blade
  - 5,450 kg (12,020 lb)