

STANDARD EQUIPMENT

| | | |
|--|---|--|
| <p>ISO standard cabin</p> <ul style="list-style-type: none"> ·Cabin ·FOPS (ISO 10262 Level I) ·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 <p>Centralized monitoring</p> <ul style="list-style-type: none"> ·Engine speed ·Gauges ·Fuel level gauge | <ul style="list-style-type: none"> ·Engine coolant temperature gauge ·Warning ·Fuel level ·Engine oil pressure ·Engine coolant temperature ·Hyd. oil temperature ·Low battery ·Air cleaner closing <p>Door and cab locks, one key</p> <p>Radio / USB player</p> <p>Two outside rear view mirrors</p> <p>Fully adjustable suspension seat with seat belt</p> <p>Console box tilting system(LH.)</p> <p>Four front working lights</p> <p>Electric horn</p> | <p>Battery (1 x 12 V x 100 AH)</p> <p>Battery master switch</p> <p>12 volt power supply</p> <p>Removable clean out screen for radiator</p> <p>Automatic swing brake</p> <p>Removable reservoir tank</p> <p>Water separator, fuel line</p> <p>Mono boom (3.0 m, 9' 10")</p> <p>Arm (1.6 m, 5' 3")</p> <p>Tires (12.0 x 16.5 - 12PR, single)</p> <p>Blade (1925 x 354mm, 6'4" x 14")</p> <p>Starting aid (air grid heater) cold weather</p> <p>Viscous fan clutch</p> |
|--|---|--|

OPTIONAL EQUIPMENT

| | | |
|--|--|---|
| <p>Air-conditioner & heater</p> <p>Fuel filler pump(35 l /min, 9.2 US gpm)</p> <p>Beacon lamp</p> <p>Single acting piping kit (breaker, etc)</p> <p>Double acting piping kit(clamshell, etc)</p> <p>Accumulator, work equipment lowering</p> <p>Cabin front, rear work lamp</p> | <p>Quick coupler</p> <p>Long arm (1.9m, 6' 3")</p> <p>Narrow bucket(0.07m3, 0.09yd3)</p> <p>Tool kit</p> <p>Operator suit</p> <p>Mechanical suspension seat with heater</p> <p>Safety lock valve for Boom swing cylinder with</p> | <p>overload warning</p> <p>Safety lock valve for Arm cylinder</p> <p>Rear view camera</p> <p>Operator suit</p> <p>Hyundai Bio Hydraulic Oil (HBHO)</p> |
|--|--|---|

* 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.



Head Office(Sales Office)
 14F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

Robex 55W-9A

With EU Stage V / EPA Tier 4 Final Engine Installed

TURKIYE

* Photo may include optional equipment.



PLEASE CONTACT

PRIDE AT WORK

HD 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!*

Robex 55W-9A



* Photo may include optional equipment.

Machine Walk-Around

Engine Technology

The fuel efficient, EU Stage V / EPA Tier 4 Final certified Yanmar 4TNV98C engine provides proven, reliable power. This engine is electronically controlled for optimum fuel to air ratio and clean, efficient combustion and provides low noise.

Rugged Upper and Lower Frame

The upper frame is designed with optimum structural integrity to absorb impact and operational stress. The x-style center frame and reinforced box section track frame provide exceptional strength and longer service life to withstand tough working conditions.

Efficient Control System

All control devices are arranged for higher productivity and improved operator comfort. Efficient and ergonomic controls allow an operator to control the machine in any working environment. A safety lever on the left-side console is provided to prevent exiting the cabin while hydraulic controls are live.

Advanced Hydraulic System

The R55-9A's advanced hydraulic system includes an arm flow summation system, boom holding system and a swing parking brake for smooth and fine control. Other valuable features include a hydraulic damper in the travel pedal, and a hydraulically lubricated swing reducer with a leak-free grease chamber.

Comfortable and Durable Cabin

The cabin is roomy and ergonomically designed, for reduced noise and good visibility. The cabin frame meets international standard TOPS, ROPS, FOPS ensuring operator safety.

Operator Convenience

Convenient operator features include a suspension seat, excellent visibility, and variable storage space for advanced operator comfort. The newly designed LCD cluster provides current information, including engine RPM, engine coolant, fuel level, and electric components. A hydraulic function safety lock and auto diagnostic features are also available. lock and failure diagnosis functions are also intergrated. A powerful air conditioning system and MP3 interface contribute to a productive work environment.

Easy and Simple Maintenance

Wide open access of doors, covers, hoods is designed for easier maintenance. The air cleaner and centralized grease fittings are also integrated for easy service.

Extended Life of Components

Long life components and wear parts, including hydraulic filters, oil, shims, and bushings, help to reduce operating costs.

PREFERENCE

Operating a 9A series 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.



Wide Cabin with Excellent Visibility

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.

Operator Comfort

The R55W-9A operator's cab is designed for a comfortable operating experience. An ergonomically designed suspension seat, adjustable arm rests and a spacious environment helps to minimize operator fatigue. Control levers are easily accessible and a instrument display is provided to keep the operator informed of pertinent machine information.

1. A large upper roof glass provides additional visibility and a roller shade is provided to reduce glare and sunlight.
2. An advanced audio system with AM/FM stereo with USB player, plus remotely located control is perfect for listening to music favorites.
3. A hands-free cell phone function is available for safe and convenient phone use.
4. Ergonomically designed joysticks reduce operator fatigue during the work day.
5. Multiple storage compartments are available for additional convenience.



Sun screen Radio & USB player with remote control and blue tooth hands free Hands-free cell phone Joystick Storage compartment

Enhanced Cabin

Hyundai's R55W-9A is equipped for convenience and productivity.

1. Adjustable position window prevents window movement while operating.
2. A sliding fold-in front window is easily opened and safely stored in an open position to improve ventilation and visibility.
3. A tilt-up left side control console provides easier entrance and exit from the cab.
4. A power climate control system provides the operator with optimum air temperature.



Adjustable Side Window Sliding fold-in front window Tilt-up Control Console



Climate control system



Operator - Friendly Cluster

The advanced new LCD cluster allows the operator to select his personal machine preferences. The monitor displays engine rpm, engine oil temperature, water temperature and information for all electronic devices.

Button selections are provided for auto idle mode, max power mode, and travel speed. A security feature is also provided to prevent the machine from starting without a proper password.

PRECISION & PERFORMANCE

Innovative hydraulic system technologies make the R55W-9 excavator fast, smooth and easy to control. Also R55W-9 is designed for maximum performance to keep the operator working productively.



* Photo may include optional equipment.

Excellent Performance

Hyundai's 9A series offers the operator maximized productivity and efficiency. A convenient throttle volume dial with LED light allows the operator to customize engine power according to job requirements. A max power button maximizes machine speed and power for mass production. The R55W-9A also features an auto idle system which improves fuel efficiency and reduces cab noise.

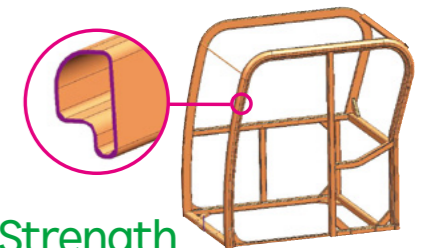
Improved Hydraulic System



To achieve optimum precision, Hyundai redesigned the hydraulic system to provide the operator with super fine touch and improved controllability. Improved pump flow control reduces flow when controls are not being used to minimize fuel consumption. Improved spool valves in the control valve are engineered to provide more precise flow to each function with less effort. Improved hydraulic valves, precision-designed variable volume piston pumps, fine-touch pilot controls, and enhanced travel functions make any operator running a 9 series look like a smooth operator. Boom-down flow regeneration and control valve technology are newly improved.

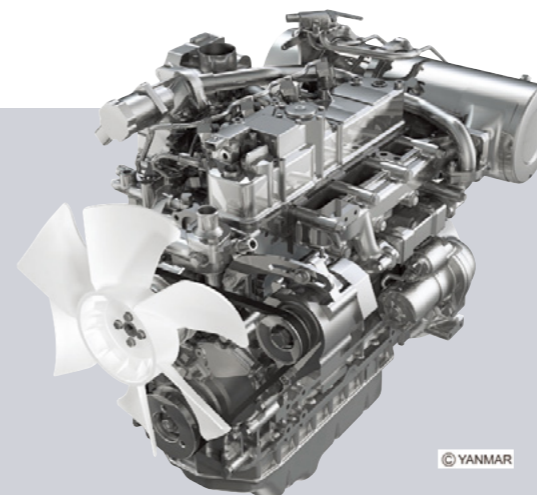
Variable Swing Boom

The R55W-9A'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. Plus, increased swing torque provides enhanced operating capability on the slope.



Structure Strength

The 9A series cabin structure has been fitted with stronger but slimmer tubing for more 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.



Yanmar 4TNV98C

The Highest Engine Power in its Class

Yanmar 4TNV98 engine provides 24 kgf.m (174 lbf.ft) of maximum torque with 66.9 HP at 2,400rpm of rated power. This means the R55W-9A runs with the most power in its class, giving you more power to get the job done.

© YANMAR

PROFITABILITY

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



* Photo may include optional equipment.

Fuel Efficient

9A series compact excavators are engineered to be extremely fuel efficient.



Improved Durability

The R55-9A is equipped with counterweight rear guards to protect the engine hood. Boom cylinder cover provides added protection on the tough working condition.

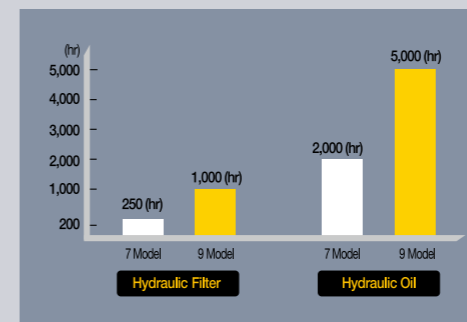


Easy Access

Centralized grease fittings and easy change plastic air cleaner provide faster, easier service and maintenance.

Wide Open Engine hood

A newly designed full-open type engine hood makes service more convenient on the R55-9A.



Extended Life Components

9A 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.

SPECIFICATIONS

ENGINE

| | | | |
|---------------------------|--|----------------|--------------------------------|
| MODEL | YANMAR 4TNV98C | | |
| Type | Water cooled, 4 cycle diesel 4 cylinders in line, direct injection, low emission | | |
| Rated flywheel horsepower | SAE | J1995 (gross) | 66.9 HP (49.9 kW) at 2,400 rpm |
| | | J1349 (net) | 64.6 HP (48.2 kW) at 2,400 rpm |
| horsepower | DIN | 6271/1 (gross) | 67.8 PS (49.9 kW) at 2,400 rpm |
| | | 6271/1 (net) | 65.5 PS (48.2 kW) at 2,400 rpm |
| Max. torque | 24 kgf·m (174 lbf·ft) at 1,560 rpm | | |
| Bore X stroke | 98 mm (3.86") x 110 mm (4.33") | | |
| Piston displacement | 3,319 cc (203 cu in) | | |
| Batteries | 1 x 12 V x 100 AH | | |
| Starting motor | 12V-3.0 kW | | |
| Alternator | 12V-100 Amp | | |

HYDRAULIC SYSTEM

| | |
|----------------------------|--|
| MAIN PUMP | |
| Type | Two variable displacement piston pumps |
| Max. flow | 2 X 60.5 l/min (16.0 US gpm / 13.3 UK gpm) |
| Sub-pump for pilot circuit | pumps 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 | 220 kgf/cm ² (3,130 psi) |
| Travel circuit | 220 kgf/cm ² (3,130 psi) |
| Swing circuit | 220 kgf/cm ² (3,130 psi) |
| Pilot circuit | 30 kgf/cm ² (430 psi) |
| Service valve | Installed |

| | |
|-------------------------------|---|
| HYDRAULIC CYLINDERS | |
| No. of cylinder bore X stroke | Boom: 1-110 x 715 mm (4.3" x 28.1") |
| | Arm: 1-90 x 850 mm (3.5" x 33.5") |
| | Bucket: 1-80 x 660 mm (3.1" x 26.0") |
| | Boom swing: 1-95 x 527 mm (3.7" x 20.7") |
| | Dozer blade: 1-110 x 224 mm (4.3" x 8.8") |

* Hyundai Bio Hydraulic Oil (HBHO) available

TRAVEL SYSTEM

| | |
|----------------------------------|--|
| Max. travel speed (high) / (low) | 30 km/h (18.6mph) / 11.6 km/h (7.2mph) |
| Gradeability | 35° (70%) |

CONTROLS

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 & Arm (RH): Boom and bucket (ISO) |
| Traveling and steering | Two levers with pedals |
| Engine throttle | 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 | 7.8 rpm |

COOLANT & LUBRICANT CAPACITY

| | | | |
|-------------------------|---------|---------|---------|
| Re-filling | liter | US gal | UK gal |
| Fuel tank | 125.0 | 33.0 | 27.5 |
| Engine coolant | 9.5 | 2.5 | 2.1 |
| Engine oil | 11.6 | 3.1 | 2.6 |
| Swing device - gear oil | 1.5 | 0.4 | 0.3 |
| Hydraulic tank | 70.0 | 18.5 | 15.4 |
| Hydraulic system | 120.0 | 31.7 | 26.4 |
| Axle(Front/Rear) | 5.3/5.3 | 1.4/1.4 | 1.2/1.2 |

AXLES & TIRES

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 | 12.0 x 16.5-12PR, 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.

| | |
|-------------|---|
| Dozer blade | Width x Height: 1,925 x 355mm (6' 4" x 1' 2") |
| | Max. lifting above ground level: 445mm (17.5") |
| | Max. depth below ground level: 140mm (5.5") |

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 3,000 mm (9' 10") boom, 1,600 mm (5' 3") arm, SAE heaped 0.18 m³ (0.24 yd³) digging bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

| | |
|------------------------------|----------------------|
| MAJOR COMPONENT WEIGHT | |
| Upperstructure | 2,680 kg (5,910 lb) |
| Mono boom(with arm cylinder) | 310 kg (680 lb) |

| | |
|------------------|-----------------------|
| OPERATING WEIGHT | |
| Operating weight | 5,550 kg (12,240 lb) |

· Mono boom with blade

AIR CONDITIONING SYSTEM

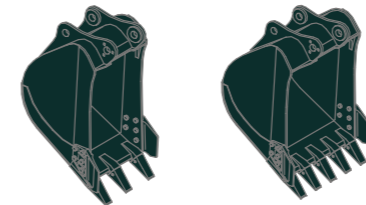
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1430)

The system hold 0.95kg refrigerant consisting of a CO₂ equivalent 1.36kg metric tonne.

For more information, Please refer to the manual.

BUCKETS

| Capacity | | Width | | Weight |
|---|---|----------------------|-------------------|-----------------|
| SAE heaped | CECE heaped | Without side cutters | With side cutters | |
| 0.07 m ³ (0.09 yd ³) | 0.06 m ³ (0.08 yd ³) | 315 mm (12.4") | 360 mm (14.2") | 115 kg (255 lb) |
| 0.18 m ³ (0.24 yd ³) | 0.15 m ³ (0.20 yd ³) | 670 mm (26.4") | 740 mm (29.1") | 170 kg (375 lb) |



SAE heaped

0.07 m³ (0.09 yd³)

0.18 m³ (0.24 yd³)

DIGGING FORCE

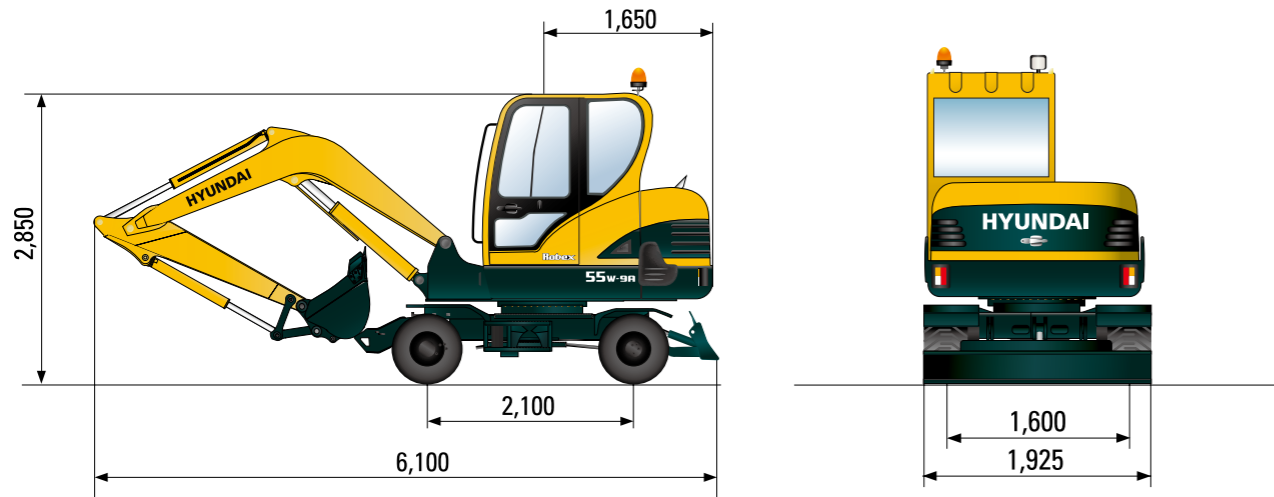
| | | | |
|----------------------|-----------|------------------|------------------|
| Arm | Length | 1,600 mm (5' 3") | 1,900 mm (6' 3") |
| | Weight | 210 kg (460 lb) | 230 kg (510 lb) |
| Bucket digging force | SAE | 37.7 kN | 37.7 kN |
| | | 3,850 kgf | 3,850 kgf |
| | ISO | 8,490 lbf | 8,490 lbf |
| | | 42.4 kN | 42.4 kN |
| Arm crowd force | SAE | 4,330 kgf | 4,330 kgf |
| | | 9,550 lbf | 9,550 lbf |
| | ISO | 28.4 kN | 25.5 kN |
| | | 2,900 kgf | 2,600 kgf |
| ISO | 6,390 lbf | 5,730 lbf | |
| | 31.9 kN | 28.7 kN | |
| | | 3,260 kgf | 2,930 kgf |
| | | 7,190 lbf | 6,460 lbf |

*Arm weight including cylinder and linkage.

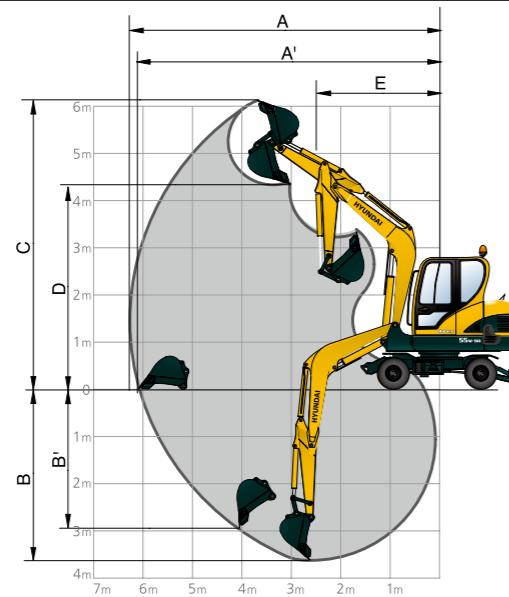
DIMENSIONS & WORKING RANGE

R55W-9A DIMENSIONS

unit: mm(ft · in)



R55W-9A WORKING RANGE



unit: mm(ft · in)

| | 3,000 (9' 10") | |
|-------------------------------------|-----------------|-----------------|
| Boom length | 3,000 (9' 10") | |
| Arm length | 1,600 (5' 3") | 1,900 (6' 3") |
| A Max. digging reach | 6,150 (20' 2") | 6,430 (21' 1") |
| A' Max. digging reach on ground | 5,980 (19' 7") | 6,200 (20' 4") |
| B Max. digging depth | 3,500 (11' 6") | 3,800 (12' 6") |
| B' Max. vertical wall digging depth | 2,960 (9' 9") | 3,160 (10' 4") |
| C Max. digging height | 6,070 (19' 11") | 6,260 (20' 6") |
| D Max. dumping height | 4,340 (14' 3") | 4,530 (14' 10") |
| E Min. swing radius | 2,350 (7' 9") | 2,350 (7' 9") |
| F Tail swing radius | 1,650 (5' 5") | 1,650 (5' 5") |

LIFTING CAPACITY

R55W-9A

Rating over-front Rating over-side or 360 degree

Boom : 3.0m (9' 10") / Arm : 1.6m (5' 3") / Bucket : 0.18m³ (0.24yd³) SAE heaped / Dozer blade down

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|-------------|-------|-------------|-------|-------------|-------|-------------|------|---------------|-------|--------|
| | | 2.0m (7ft) | | 3.0m (10ft) | | 4.0m (13ft) | | 5.0m (16ft) | | Capacity | Reach | |
| | | | | | | | | | | | | m (ft) |
| 5.0m (16ft) | kg | | | | | | | | | *960 | *960 | 4.47 |
| | lb | | | | | | | | | *2120 | *2120 | (14.7) |
| 4.0m (13ft) | kg | | | | *1020 | *1020 | | | | *990 | 720 | 5.26 |
| | lb | | | | *2250 | *2250 | | | | *2180 | 1590 | (17.3) |
| 3.0m (10ft) | kg | | | | | 1120 | *990 | 760 | | *1020 | 620 | 5.69 |
| | lb | | | | | *2540 | 2470 | *2180 | 1680 | *2250 | 1370 | (18.7) |
| 2.0m (7ft) | kg | | *1900 | 1690 | *1400 | 1070 | *1200 | 740 | | *1070 | 570 | 5.86 |
| | lb | | *4190 | 3730 | *3090 | 2360 | *2650 | 1630 | | *2360 | 1260 | (19.2) |
| 1.0m (3ft) | kg | | *2500 | 1580 | *1670 | 1020 | *1310 | 720 | | *1110 | 570 | 5.81 |
| | lb | | *5510 | 3480 | *3680 | 2250 | *2890 | 1590 | | *2450 | 1260 | (19.1) |
| Ground | kg | *2690 | *2690 | *2720 | 1530 | *1820 | 990 | *1350 | 700 | *1160 | 620 | 5.51 |
| | lb | *5930 | *5930 | *6000 | 3370 | *4010 | 2180 | *2980 | 1540 | *2560 | 1370 | (18.1) |
| -1.0m (-3ft) | kg | *4040 | 3040 | *2610 | 1520 | *1760 | 980 | | | *1180 | 740 | 4.92 |
| | lb | *8910 | 6700 | *5750 | 3350 | *3880 | 2160 | | | *2600 | 1630 | (16.1) |
| -2.0m (-7ft) | kg | *3400 | 3100 | *2090 | 1550 | | | | | | | |
| | lb | *7500 | 6830 | *4610 | 3420 | | | | | | | |

Boom : 3.0m (9' 10") / Arm : 1.6m (5' 3") / Bucket : 0.18m³ (0.24yd³) SAE heaped / Dozer blade up

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|-------------|------|-------------|-------|-------------|------|-------------|------|---------------|-------|--------|
| | | 2.0m (7ft) | | 3.0m (10ft) | | 4.0m (13ft) | | 5.0m (16ft) | | Capacity | Reach | |
| | | | | | | | | | | | | m (ft) |
| 5.0m (16ft) | kg | | | | | | | | | *960 | 880 | 4.47 |
| | lb | | | | | | | | | *2120 | 1940 | (14.7) |
| 4.0m (13ft) | kg | | | | *1020 | *1020 | | | | 760 | 650 | 5.26 |
| | lb | | | | *2250 | *2250 | | | | 1680 | 1430 | (17.3) |
| 3.0m (10ft) | kg | | | | | 1010 | 810 | 690 | | 650 | 550 | 5.69 |
| | lb | | | | | *2540 | 2230 | 1790 | 1520 | 1430 | 1210 | (18.7) |
| 2.0m (7ft) | kg | | | 1770 | 1510 | 1130 | 960 | 790 | 670 | 610 | 510 | 5.86 |
| | lb | | | 3900 | 3330 | 2490 | 2120 | 1740 | 1480 | 1340 | 1120 | (19.2) |
| 1.0m (3ft) | kg | | | 1660 | 1410 | 1080 | 910 | 760 | 640 | 610 | 510 | 5.81 |
| | lb | | | 3660 | 3110 | 2380 | 2010 | 1680 | 1410 | 1340 | 1120 | (19.1) |
| Ground | kg | *2690 | 2630 | 1610 | 1360 | 1040 | 880 | 750 | 630 | 650 | 550 | 5.51 |
| | lb | *5930 | 5800 | 3550 | 3000 | 2290 | 1940 | 1650 | 1390 | 1430 | 1210 | (18.1) |
| -1.0m (-3ft) | kg | 3210 | 2650 | 1600 | 1350 | 1040 | 870 | | | 790 | 660 | 4.92 |
| | lb | 7080 | 5840 | 3530 | 2980 | 2290 | 1920 | | | 1740 | 1460 | (16.1) |
| -2.0m (-7ft) | kg | 3270 | 2700 | 1630 | 1380 | | | | | | | |
| | lb | 7210 | 5950 | 3590 | 3040 | | | | | | | |

1. Lifting capacity is based on 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 CAPACITY

MEMO











R55W-9A

 Rating over-front  Rating over-side or 360 degree

Boom : 3.0m (9' 10") / Arm : 1.9m (6' 3") / Bucket : 0.18m³ (0.24yd³) SAE heaped / Dozer blade down

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|-----------------|
| | | 2.0 m (7 ft) | | 3.0 m (10 ft) | | 4.0 m (13 ft) | | 5.0 m (16 ft) | | Capacity | | Reach m (ft) |
| | |  |  |  |  |  |  |  |  |  |  | |
| 5.0 m (16 ft) | kg | | | | | *940 | *940 | | | *880 | 840 | 4.88 |
| | lb | | | | | *2070 | *2070 | | | *1940 | 1850 | (16.0) |
| 4.0 m (13 ft) | kg | | | | | | | | | *910 | 650 | 5.60 |
| | lb | | | | | | | | | *2010 | 1430 | (18.4) |
| 3.0 m (10 ft) | kg | | | | | *1010 | *1010 | *1010 | 770 | *940 | 560 | 6.00 |
| | lb | | | | | *2230 | *2230 | *2230 | 1700 | *2070 | 1230 | (19.7) |
| 2.0 m (7 ft) | kg | *3000 | *3000 | *1660 | *1660 | *1280 | 1080 | *1120 | 750 | *980 | 520 | 6.16 |
| | lb | *6610 | *6610 | *3660 | *3660 | *2820 | 2380 | *2470 | 1650 | *2160 | 1150 | (20.2) |
| 1.0 m (3 ft) | kg | *1940 | *1940 | *2330 | 1590 | *1580 | 1020 | *1250 | 720 | *1030 | 520 | 6.10 |
| | lb | *4280 | *4280 | *5140 | 3510 | *3480 | 2250 | *2760 | 1590 | *2270 | 1150 | (20.0) |
| Ground | kg | *2520 | *2520 | *2670 | 1520 | *1770 | 980 | *1330 | 700 | *1070 | 560 | 5.83 |
| Line | lb | *5560 | *5560 | *5890 | 3350 | *3900 | 2160 | *2930 | 1540 | *2360 | 1230 | (19.1) |
| -1.0 m (-3 ft) | kg | *3580 | 3000 | *2660 | 1500 | *1790 | 970 | | | *1110 | 650 | 5.29 |
| | lb | *7890 | 6610 | *5860 | 3310 | *3950 | 2140 | | | *2450 | 1430 | (17.4) |
| -2.0 m (-7 ft) | kg | *3830 | 3050 | *2290 | 1520 | *1490 | 980 | | | *1080 | 910 | 4.33 |
| | lb | *8440 | 6720 | *5050 | 3350 | *3280 | 2160 | | | *2380 | 2010 | (14.2) |
| -3.0 m (-10 ft) | kg | *2070 | *2070 | | | | | | | | | |
| | lb | *4560 | *4560 | | | | | | | | | |

Boom : 3.0m (9' 10") / Arm : 1.9m (6' 3") / Bucket : 0.18m³ (0.24yd³) SAE heaped / Dozer blade up

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|-----------------|
| | | 2.0 m (7 ft) | | 3.0 m (10 ft) | | 4.0 m (13 ft) | | 5.0 m (16 ft) | | Capacity | | Reach m (ft) |
| | |  |  |  |  |  |  |  |  |  |  | |
| 5.0 m (16 ft) | kg | | | | | *940 | *940 | | | *880 | 760 | 4.88 |
| | lb | | | | | *2070 | *2070 | | | *1940 | 1680 | (16.0) |
| 4.0 m (13 ft) | kg | | | | | | | | | 690 | 580 | 5.60 |
| | lb | | | | | | | | | 1520 | 1280 | (18.4) |
| 3.0 m (10 ft) | kg | | | | | *1010 | *1010 | 810 | 690 | 600 | 500 | 6.00 |
| | lb | | | | | *2230 | *2230 | 1790 | 1520 | 1320 | 1100 | (19.7) |
| 2.0 m (7 ft) | kg | *3000 | 2990 | *1660 | 1540 | 1140 | 970 | 790 | 670 | 560 | 470 | 6.16 |
| | lb | *6610 | 6590 | *3660 | 3400 | 2510 | 2140 | 1740 | 1480 | 1230 | 1040 | (20.2) |
| 1.0 m (3 ft) | kg | *1940 | *1940 | 1670 | 1420 | 1080 | 920 | 760 | 640 | 560 | 460 | 6.10 |
| | lb | *4280 | *4280 | 3680 | 3130 | 2380 | 2030 | 1680 | 1410 | 1230 | 1010 | (20.0) |
| Ground | kg | *2520 | *2520 | 1600 | 1350 | 1040 | 880 | 740 | 620 | 590 | 500 | 5.83 |
| Line | lb | *5560 | *5560 | 3530 | 2980 | 2290 | 1940 | 1630 | 1370 | 1300 | 1100 | (19.1) |
| -1.0 m (-3 ft) | kg | 3160 | 2610 | 1580 | 1330 | 1020 | 860 | | | 690 | 580 | 5.29 |
| | lb | 6970 | 5750 | 3480 | 2930 | 2250 | 1900 | | | 1520 | 1280 | (17.4) |
| -2.0 m (-7 ft) | kg | 3210 | 2650 | 1600 | 1350 | 1040 | 870 | | | 960 | 810 | 4.33 |
| | lb | 7080 | 5840 | 3530 | 2980 | 2290 | 1920 | | | 2120 | 1790 | (14.2) |
| -3.0 m (-10 ft) | kg | *2070 | *2070 | | | | | | | | | |
| | lb | *4560 | *4560 | | | | | | | | | |

- Lifting capacity is based on 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.