

Gross Power (SAE J1995)
16.2 HP at 2,400 rpm

Net Power (SAE J1349)
16.0 HP at 2,400 rpm

Bucket Capacity
0.04 m³

Operating Weight
1,855 kg / 4,089 lb

Robex **R18-9AK**



▲ HYUNDAI CONSTRUCTION EQUIPMENT

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PLEASE CONTACT



PRIDE AT WORK

Robex **R18-9AK**

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!

Machine Walk-Around

Rugged Upper and Lower Frame

The upper frame is designed with an optimum structure to absorb high external stress. The reinforced box section's center frame and track frame provide exceptional strength and longer service life to withstand tough working conditions.

Compact Design

R18-9AK's compact design allows the operator to work in confined areas, like close to buildings on roadways, and in urban areas. R18-9AK's variable undercarriage provides easy and efficient operation in any limited space work environment.

Engine Technology

R18-9AK is powered by a proven and reliable Kubota D902 Engine, providing efficient fuel efficiency and reduced noise, compliant for new Stage V regulation.

Efficient Control System

Control devices are all conveniently located for improved comfort and productivity. A safety lever on the left-side console is designed to prevent exiting the cab while R18-9AK is in operation.

Advanced Hydraulic System

R18-9AK hydraulic system is precisely designed for fast operation with fine control capabilities.

Comfortable and Durable Cab

Cab frames meet international standards TOPS, FOPS ensuring operator's safety.

Extended Life of Components

R18-9AK reduces operating costs over time with long life hydraulic oil, shims and bushings.

Simple and Easy Maintenance

R18-9AK is equipped with wide opening covers and hoods for easy access and maintenance. Additional benefits include an easily serviceable air cleaner and centralized grease fittings.

Operator Convenience

The adjustable suspension seat, wrist rests, ergonomically designed joysticks, and abundant leg room help to reduce operator fatigue. An array of indicators and gauges are displayed on the monitor, keeping the operator informed about machine performance at all times. The monitoring system includes seven warning indicators as well as a water temperature gauge, fuel gauge, and hour meter.

Auto Shift Traveling System **NEW**

During high-speed traveling, travel motor speed decreases automatically when subjected to heavy load, and resumes when the load reduces.



* Photo may include optional equipment.



PREFERENCE

R18-9AK offers an optimal work environment with a cab designed for comfort and sophistication.

Operators can fully customize their work environment and operating preferences to fit their individual needs which will bring a unique controlling experience for all operators.



Comfortable Operating Cab

In a 9 Series cab you can easily adjust the seat and wrist rest settings to suit your preferred operating condition.



The foot rest, attachment pedal, left and right travel pedals and boom swing pedal are configured for convenient access.



Two cup holders are integrated into the right-hand console for storing large and small drinks.



The adjustable wrist rests provide additional comfort.



The control devices are ergonomically configured for higher production efficiency.

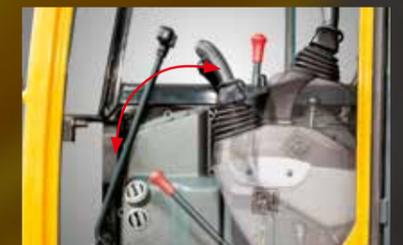
OLED Display & ESL (Engine Start Limit) Function

The OLED display is placed to show the following : hour meter, oil pressure, battery charge, engine coolant temperature, and fuel gauge. Engine Start Limit system requiring to enter password to start the machine has also been adopted.

Concentrated Controller Position

The left- and right-hand control levers are ergonomically located for convenient access. The pilot-operated hand levers are easily accessible for controlling the dozer blade and track extension. The easy-to-access control switches on the left-hand console improve operating comfort and productivity. Glow control function make machine suitable for cold weather.

The tiltable left-side console allows the operator easier access to the cab. The safety lock system is designed to prevent exiting the cab while R18-9AK is in operation. When the safety lever and left-side console are positioned upright, the hydraulic functions are disengaged.



Operator Comfort

An operator's work environment should be stress-free. R18-9AK's adjustable suspension seat, wrist rests, ergonomically designed joysticks and abundant space help reduce the stress of the operator.

* Photo may include optional equipment.

KUBOTA D902

The 3 Cylinder, 4 Cycle, air cooled engine is built for power, reliability, economy and low emissions.

Emissions: The most compact multi-cylinder liquid cooled industrial diesel engines comply with EPA Tier 4 Emission regulations without additional After Treatment Tools. This engine meets standards over the NRTC and NTE requirements.

Lower Noise LEVEL: The half-float valve cover and MoS2 coated piston reduce noise levels and vibration.



Boom Swing

R18-9AK's boom swing function is designed for efficient work in congested residential and urban areas. The boom can be offset to left or right within the operating range. (Left 60° / Right 60°)

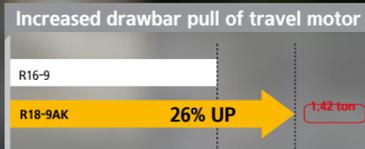


Improved Hydraulic System

Optimized matching between the joystick and main control valve improves the fine control and smoothness of operation. The arm flow summation system saves energy, reduces cavitation and increases speed. To improve safety and avoid boom drift, R18-9AK is equipped with an integrated boom holding system.

Improved Drawbar Pull

Travel performance can be increased by increasing drawbar pull on slopes & rough roads.



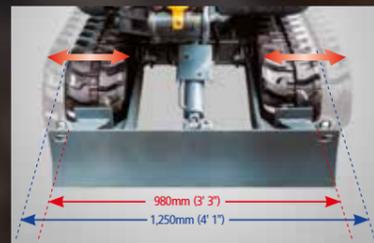
Structural Strength

R18-9AK's 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 using FEM (Finite Elements Method) analysis and long-term durability tests.



Variable Undercarriage

R18-9AK's track width is adjustable to between 980mm~1,250mm (3'3"~4'1"). The operator can easily adjust the blade size by removing the pin. Specially designed rubber-padded track shoes protect the road surface.



PRECISION AND PERFORMANCE

New technologies for improved precision and performance along with smooth and easy control.



Proportional Auxiliary Hydraulic System Option

Proportional control switch for better speed control and operational convenience.



Cylinder Covers

The standard boom cylinder cover and dozer cylinder cover provide additional protection.



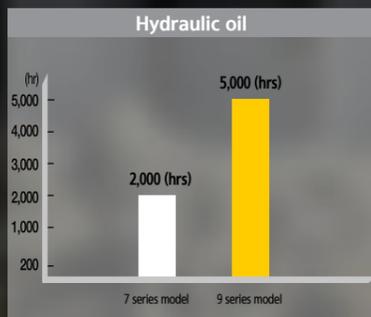
Easy Access

R18-9AK was designed with accessibility in mind. All covers and hoods are designed for complete open access. Regular service and maintenance is easy and convenient with R18-9AK.



Extended Life of Components

R18-9AK is fitted 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 pre-heating systems in order to extend service intervals, minimize operating costs and reduce machine downtime.



Easy Change Air Cleaner

R18-9AK is equipped with a durable plastic air cleaner designed for easy maintenance.



Centralized Grease Fittings

Centralized lubrication bank for faster, easier service and maintenance.



PROFITABILITY

R18-9AK is designed to maximize profitability with its improved efficiency, enhanced service features, and long-lasting components.



SPECIFICATIONS

ENGINE

Maker / Model	KUBOTA D902		
Type	4-cycle vertical overhead valve, diesel fuel		
Rated flywheel horse power	SAE	J1995 (gross)	16.2 hp at 2,400rpm (12.1kW at 2,400rpm)
		J1349 (net)	16.0 hp at 2,400rpm (11.9kW at 2,400rpm)
	DIN	6271/1 (gross)	16.5 ps at 2,400rpm (12.1kW at 2,400rpm)
		6271/1 (net)	16.2 ps at 2,400rpm (11.9kW at 2,400rpm)
Max. torque	5.57 kgf·m (40.3 lbf·ft) at 1,800rpm		
Bore X stroke	72.0 x 73.6 (2.83" x 2.90")		
Piston displacement	898cc (54.80 cu.in.)		
Batteries	12V, 80AH		
Starting motor	12V-1.2kW		
Alternator	24V, 40A		

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement piston pumps
Rated flow	2 x 18 + 10.8 l/min (2 x 4.8 + 2.9 US gpm / 2 x 4.0 + 2.4 UK gpm)
Sub-pump for pilot circuit	Gear pump

HYDRAULIC MOTORS

Travel	Two speed axial piston motor with counter balance valve
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING

Implement circuits	210 kgf/cm ² (2,990 psi)
Travel circuits	210 kgf/cm ² (2,990 psi)
Swing circuit	200 kgf/cm ² (2840psi)
Pilot circuit	35 kgf/cm ² (498 psi)
Service valve	Installed

HYDRAULIC CYLINDER

NO. OF CYLINDER - BORE X STROKE

Boom	60 x 465mm (2.4" x 18.3")
Arm	60 x 400mm (2.4" x 15.7")
Bucket	55 x 345mm (2.2" x 13.6")
Boom swing	55 x 355mm (2.2" x 14.0")
Dozer blade	65 x 93mm (2.6" x 3.7")
Extension	50 x 290mm (2.0" x 11.4")

* Hyundai Bio Hydraulic Oil (HBHO) available

NOISE LEVEL

NOISE LEVELS (DYNAMIC VALUE)

LwA	93 dB
LpA	76 dB

COOLANT & LUBRICANT CAPACITY

Refilling	liter	US gal	UK gal
Fuel tank	21	5.5	4.6
Engine coolant	4.0	1.0	0.9
Engine oil	3.7	1.0	0.8
Hydraulic tank	20	5.3	4.4

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 with horn (ISO)
Engine throttle	Mechanical, cable type

SWING SYSTEM

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing circuit lubrication	Lubricated with drain oil
Swing speed	9.1 rpm
Swing Brake	wet disc

DRIVES & BRAKES

Max. travel speed(high) / (low)	3.9 km / 2.0 km (2.4 mph) / (1.2 mph)
Maximum traction force	1.42 ton
Maximum gradeability	30°
Parking brake (Option)	wet disc

DIGGING FORCE (ISO)

Bucket digging force	0.96m Arm	1.12m Arm
	1,540 kgf	1,540 kgf
	15.1 kN	15.1 kN
Arm crowd force	3,400 lbf	3,400 lbf
	960 kgf	870 kgf
	9.4 kN	8.5 kN
	2,120 lbf	1,920 lbf

OPERATING WEIGHT

Operating weight, including 1,800 mm (5' 11") boom, 960 mm (3' 2") arm, SAE heaped 0.04 m³ (0.05 yd³) excavator bucket, lubricant, coolant, full fuel tank, hydraulic tank, standard equipment, and operator, 75 kg (165 lb)

Shoe width	Rubber shoe 230 mm (9")
Operating weight (canopy)	1,855 kg (4,089 lb)
Ground pressure (canopy)	0.30 kg/cm ² (4.24 psi)
Operating weight (cabin)	1,995 kg (4,398 lb)
Ground pressure (cabin)	0.32 kg/cm ² (4.56 psi)

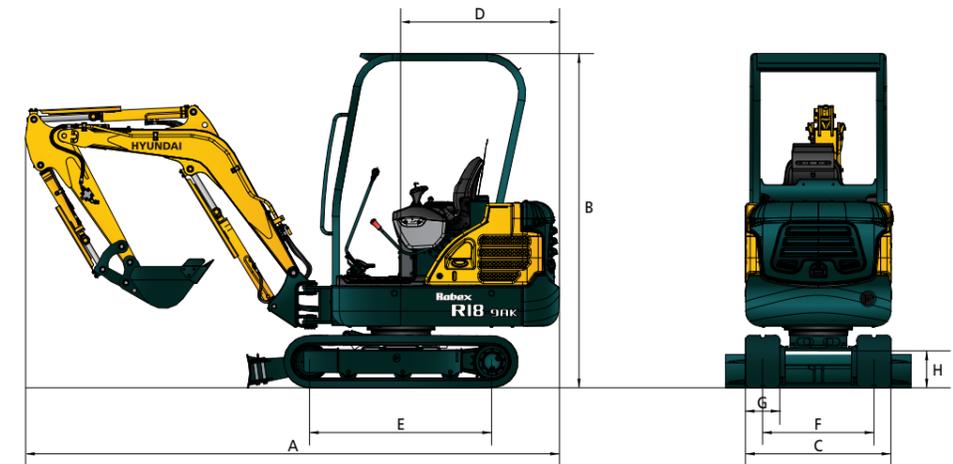
UNDERCARRIAGE

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

Track frame	Variable undercarriage
No. of track rollers on each side	3 EA

DIMENSIONS & WORKING RANGE

R18-9AK DIMENSIONS

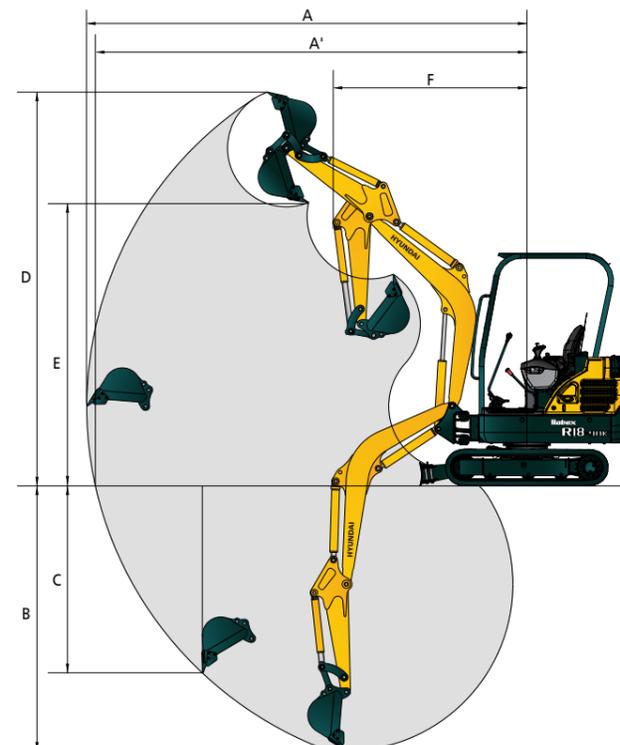


Unit : mm (ft. - in)

A Overall length	3,840 (12' 7")
B Overall height	2,300 (7' 7")
C Overall width	980 ~ 1,270 (3' 3" ~ 4' 2")
D Tail swing radius	1,065 (3' 6")

E Tumbler distance	1,230 (4' 0")
F Track gauge	750 ~ 1,040 (2' 6" ~ 3' 5")
G Track shoe width	230 (0' 9")
H Ground clearance	150 (0' 6")

R18-9AK WORKING RANGE



Unit : mm (ft. - in)

Boom length	1,800 (5' 11")	
Arm length	960 (3' 2")	1,120 (3' 8")
A Max. digging reach	3,960 (12' 12")	4,110 (13' 6")
A' Max. digging reach on ground	3,870 (12' 8")	4,020 (13' 2")
B Max. digging depth	2,245 (7' 4")	2,405 (7' 11")
C Max. vertical wall digging depth	1,775 (5' 10")	1,930 (6' 4")
D Max. digging height	3,675 (12' 1")	3,785 (12' 5")
E Max. dumping height	2,575 (8' 5")	2,680 (8' 10")
F Min. swing radius	1,660 (5' 5")	1,695 (5' 7")

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degree

R18-9AK

Boom : 1.80m (5' 11") / Arm : 0.96 m (3' 2") / Bucket : 0.04m³ SAE heaped / Dozer, track extended, 230mm(9") rubber track(Rail), Canopy

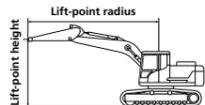
Load point height m (ft)	Load radius						At max. reach			
	2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		Capacity		Reach	
									m (ft)	
3.0m	kg						*400	*400	2.20	
9.8ft	lb						*880	*880	(7.2)	
2.5m	kg			*370	*370		*340	320	2.76	
8.2ft	lb			*820	*820		*750	710	(9.1)	
2.0m	kg			*390	380	*390	280	*310	270	3.10
6.6ft	lb			*860	840	*860	620	*680	600	(10.2)
1.5m	kg	*530	520	*450	370	*410	280	*310	240	3.30
4.9ft	lb	*1,170	1,150	*990	820	*900	620	*680	530	(10.8)
1.0m	kg	*730	490	*530	360	*450	270	*320	230	3.39
3.3ft	lb	*1,610	1,080	*1,170	790	*990	600	*710	510	(11.1)
0.5m	kg	*870	470	*610	350	*480	270	*340	220	3.39
1.6ft	lb	*1,920	1,040	*1,340	770	*1,060	600	*750	490	(11.1)
0.0m	kg	*910	470	*650	340	*500	260	*390	230	3.29
0.0ft	lb	*2,010	1,040	*1,430	750	*1,100	570	*860	510	(10.8)
-0.5m	kg	*880	470	*630	340	*480	260	*450	250	3.08
-1.6ft	lb	*1,940	1,040	*1,390	750	*1,060	570	*990	550	(10.1)
-1.0m	kg	*770	470	*550	340			*460	300	2.74
-3.3ft	lb	*1,700	1,040	*1,210	750			*1,010	660	(9.0)
-1.5m	kg	*520	480					*440	430	2.15
-4.9ft	lb	*1,150	1,060					*970	950	(7.1)

R18-9AK

Boom : 1.80m (5' 11") / Arm : 0.96 m (3' 2") / Bucket : 0.04m³ SAE heaped / Dozer, track extended, 230mm(9") rubber track(Rail), Canopy

Load point height m (ft)	Load radius						At max. reach			
	2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		Capacity		Reach	
									m (ft)	
3.0m	kg						*400	*400	2.20	
9.8ft	lb						*880	*880	(7.2)	
2.5m	kg			*370	360		320	300	2.76	
8.2ft	lb			*820	790		710	660	(9.1)	
2.0m	kg			380	360	280	270	270	250	3.10
6.6ft	lb			840	790	620	600	600	550	(10.2)
1.5m	kg	530	490	370	350	280	260	240	230	3.30
4.9ft	lb	1,170	1,080	820	770	620	570	530	510	(10.8)
1.0m	kg	500	460	360	340	270	260	230	210	3.39
3.3ft	lb	1,100	1,010	790	750	600	570	510	460	(11.1)
0.5m	kg	480	450	350	330	270	250	220	210	3.39
1.6ft	lb	1,060	990	770	730	600	550	490	460	(11.1)
0.0m	kg	470	440	340	320	260	250	230	220	3.29
0.0ft	lb	1,040	970	750	710	570	550	510	490	(10.8)
-0.5m	kg	470	440	340	320	260	250	250	240	3.08
-1.6ft	lb	1,040	970	750	710	570	550	550	530	(10.1)
-1.0m	kg	480	440	340	320			300	280	2.74
-3.3ft	lb	1,060	970	750	710			660	620	(9.0)
-1.5m	kg	490	450					440	410	2.15
-4.9ft	lb	1,080	990					970	900	(7.1)

- 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- (*) indicates the load limited by hydraulic capacity.



 Rating over-front  Rating over-side or 360 degree

R18-9AK

Boom : 1.80m (5' 11") / Arm : 0.96 m (3' 2") / Bucket : 0.04m³ SAE heaped / Dozer, track extended, 230mm(9") rubber track(Rail), Cabin

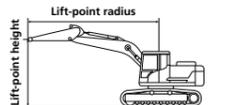
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9.8ft	lb							*880	*880	(7.2)
2.5m	kg			*370	*370			*340	*340	2.76
8.2ft	lb			*820	*820			*750	*750	(9.1)
2.0m	kg			*390	*390	*390	310	*310	300	3.10
6.6ft	lb			*860	*860	*860	680	*680	660	(10.2)
1.5m	kg	*530	*530	*450	410	*410	310	*310	270	3.30
4.9ft	lb	*1,170	*1,170	*990	900	*900	680	*680	600	(10.8)
1.0m	kg	*730	550	*530	400	*450	300	*320	250	3.39
3.3ft	lb	*1,610	1,210	*1,170	880	*990	660	*710	550	(11.1)
0.5m	kg	*870	530	*610	390	*480	300	*340	250	3.39
1.6ft	lb	*1,920	1,170	*1,340	860	*1,060	660	*750	550	(11.1)
0.0m	kg	*910	520	*650	380	*500	300	*390	260	3.29
0.0ft	lb	*2,010	1,150	*1,430	840	*1,100	660	*860	570	(10.8)
-0.5m	kg	*880	520	*630	380	*480	290	*450	280	3.08
-1.6ft	lb	*1,940	1,150	*1,390	840	*1,060	640	*990	620	(10.1)
-1.0m	kg	*770	520	*550	380			*460	340	2.74
-3.3ft	lb	*1,700	1,150	*1,210	840			*1,010	750	(9.0)
-1.5m	kg	*520	*520					*440	*440	2.15
-4.9ft	lb	*1,150	*1,150					*970	*970	(7.1)

R18-9AK

Boom : 1.80m (5' 11") / Arm : 0.96 m (3' 2") / Bucket : 0.04m³ SAE heaped / Dozer, track extended, 230mm(9") rubber track(Rail), Cabin

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8.2ft	lb			*820	*820			*750	*750	(9.1)
2.0m	kg			*390	*390	320	300	300	280	3.10
6.6ft	lb			*860	*860	710	660	660	620	(10.2)
1.5m	kg	*530	*530	410	390	310	290	270	250	3.30
4.9ft	lb	*1,170	*1,170	900	860	680	640	600	550	(10.8)
1.0m	kg	560	520	400	380	310	290	260	240	3.39
3.3ft	lb	1,230	1,150	880	840	680	640	570	530	(11.1)
0.5m	kg	540	500	390	360	300	280	250	240	3.39
1.6ft	lb	1,190	1,100	860	790	660	620	550	530	(11.1)
0.0m	kg	530	490	380	360	300	280	260	250	3.29
0.0ft	lb	1,170	1,080	840	790	660	620	570	550	(10.8)
-0.5m	kg	530	490	380	360	300	280	290	270	3.08
-1.6ft	lb	1,170	1,080	840	790	660	620	640	600	(10.1)
-1.0m	kg	540	490	390	360			340	320	2.74
-3.3ft	lb	1,190	1,080	860	790			750	710	(9.0)
-1.5m	kg	*520	510					*440	*440	2.15
-4.9ft	lb	*1,150	1,120					*970	*970	(7.1)

- 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
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LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degree

R18-9AK

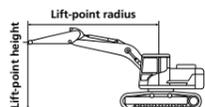
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Load point height m (ft)	Load radius								At max. reach			
	2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		3.5 m (11.5 ft)		Capacity		Reach	
											m (ft)	
2.5m	kg			*320	*320					*280	*280	2.96
8.2ft	lb			*710	*710					*620	*620	(9.7)
2.0m	kg			*340	*340	*350	280			*260	240	3.27
6.6ft	lb			*750	*750	*770	620			*570	530	(10.7)
1.5m	kg	*460	*460	*410	370	*380	280			*260	220	3.45
4.9ft	lb	*1,010	*1,010	*900	820	*840	620			*570	490	(11.3)
1.0m	kg	*660	500	*500	360	*420	270	*340	210	*270	210	3.54
3.3ft	lb	*1,460	1,100	*1,100	790	*930	600	*750	460	*600	460	(11.6)
0.5m	kg	*830	470	*580	340	*460	260	*370	210	*280	210	3.54
1.6ft	lb	*1,830	1,040	*1,280	750	*1,010	570	*820	460	*620	460	(11.6)
0.0m	kg	*900	460	*630	330	*490	260			*320	210	3.45
0.0ft	lb	*1,980	1,010	*1,390	730	*1,080	570			*710	460	(11.3)
-0.5m	kg	*890	460	*640	330	*490	260			*370	230	3.25
-1.6ft	lb	*1,960	1,010	*1,410	730	*1,080	570			*820	510	(10.7)
-1.0m	kg	*810	460	*580	330					*430	270	2.93
-3.3ft	lb	*1,790	1,010	*1,280	730					*950	600	(9.6)
-1.5m	kg	*620	470							*430	360	2.42
-4.9ft	lb	*1,370	1,040							*950	790	(7.9)

Boom : 1.80m (5' 11") / Arm : 1.12 m (3' 8") / Bucket : 0.04m³ SAE heaped / Dozer, track extended, 230mm(9") rubber track(Rail), Canopy

Load point height m (ft)	Load radius								At max. reach			
	2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		3.5 m (11.5 ft)		Capacity		Reach	
											m (ft)	
2.5m	kg			*320	*320					*280	270	2.96
8.2ft	lb			*710	*710					*620	600	(9.7)
2.0m	kg			*340	*340	280	270			240	230	3.27
6.6ft	lb			*750	*750	620	600			530	510	(10.7)
1.5m	kg	*460	*460	370	350	280	260			220	210	3.45
4.9ft	lb	*1,010	*1,010	820	770	620	570			490	460	(11.3)
1.0m	kg	500	470	360	340	270	260	210	200	210	200	3.54
3.3ft	lb	1,100	1,040	790	750	600	570	460	440	460	440	(11.6)
0.5m	kg	480	440	350	320	270	250	210	200	210	200	3.54
1.6ft	lb	1,060	970	770	710	600	550	460	440	460	440	(11.6)
0.0m	kg	470	430	340	320	260	240			210	200	3.45
0.0ft	lb	1,040	950	750	710	570	530			460	440	(11.3)
-0.5m	kg	460	430	330	310	260	240			230	220	3.25
-1.6ft	lb	1,010	950	730	680	570	530			510	490	(10.7)
-1.0m	kg	470	430	340	310					270	250	2.93
-3.3ft	lb	1,040	950	750	680					600	550	(9.6)
-1.5m	kg	480	440							360	340	2.42
-4.9ft	lb	1,060	970							790	750	(7.9)

- 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- (*) indicates the load limited by hydraulic capacity.



 Rating over-front  Rating over-side or 360 degree

R18-9AK

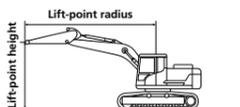
Boom : 1.80m (5' 11") / Arm : 1.12 m (3' 8") / Bucket : 0.04m³ SAE heaped / Dozer, track extended, 230mm(9") rubber track(Rail), Cabin

Load point height m (ft)	Load radius								At max. reach			
	2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		3.5 m (11.5 ft)		Capacity		Reach	
											m (ft)	
2.5m	kg			*320	*320					*280	*280	2.96
8.2ft	lb			*710	*710					*620	*620	(9.7)
2.0m	kg			*340	*340	*350	310			*260	*260	3.27
6.6ft	lb			*750	*750	*770	680			*570	*570	(10.7)
1.5m	kg	*460	*460	*410	*410	*380	310			*260	250	3.45
4.9ft	lb	*1,010	*1,010	*900	*900	*840	680			*570	550	(11.3)
1.0m	kg	*660	550	*500	400	*420	300	*340	240	*270	240	3.54
3.3ft	lb	*1,460	1,210	*1,100	880	*930	660	*750	530	*600	530	(11.6)
0.5m	kg	*830	530	*580	380	*460	300	*370	240	*280	230	3.54
1.6ft	lb	*1,830	1,170	*1,280	840	*1,010	660	*820	530	*620	510	(11.6)
0.0m	kg	*900	520	*630	380	*490	290			*320	240	3.45
0.0ft	lb	*1,980	1,150	*1,390	840	*1,080	640			*710	530	(11.3)
-0.5m	kg	*890	510	*640	370	*490	290			*370	260	3.25
-1.6ft	lb	*1,960	1,120	*1,410	820	*1,080	640			*820	570	(10.7)
-1.0m	kg	*810	520	*580	370					*430	300	2.93
-3.3ft	lb	*1,790	1,150	*1,280	820					*950	660	(9.6)
-1.5m	kg	*620	530							*430	400	2.42
-4.9ft	lb	*1,370	1,170							*950	880	(7.9)

Boom : 1.80m (5' 11") / Arm : 1.12 m (3' 8") / Bucket : 0.04m³ SAE heaped / Dozer, track extended, 230mm(9") rubber track(Rail), Cabin

Load point height m (ft)	Load radius								At max. reach			
	2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		3.5 m (11.5 ft)		Capacity		Reach	
											m (ft)	
2.5m	kg			*320	*320					*280	*280	2.96
8.2ft	lb			*710	*710					*620	*620	(9.7)
2.0m	kg			*340	*340	320	300			*260	260	3.27
6.6ft	lb			*750	*750	710	660			*570	570	(10.7)
1.5m	kg	*460	*460	*410	390	310	290			250	230	3.45
4.9ft	lb	*1,010	*1,010	*900	860	680	640			550	510	(11.3)
1.0m	kg	560	520	400	370	310	290	240	230	240	220	3.54
3.3ft	lb	1,230	1,150	880	820	680	640	530	510	530	490	(11.6)
0.5m	kg	540	500	390	360	300	280	240	220	240	220	3.54
1.6ft	lb	1,190	1,100	860	790	660	620	530	490	530	490	(11.6)
0.0m	kg	530	480	380	350	290	280			240	230	3.45
0.0ft	lb	1,170	1,060	840	770	640	620			530	510	(11.3)
-0.5m	kg	520	480	380	350	290	270			260	250	3.25
-1.6ft	lb	1,150	1,060	840	770	640	600			570	550	(10.7)
-1.0m	kg	530	480	380	350					300	280	2.93
-3.3ft	lb	1,170	1,060	840	770					660	620	(9.6)
-1.5m	kg	540	490							410	380	2.42
-4.9ft	lb	1,190	1,080							900	840	(7.9)

- 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- (*) indicates the load limited by hydraulic capacity.



STANDARD / OPTION

STANDARD EQUIPMENT
ISO standard canopy
Canopy FOPS (ISO 10262)
Canopy TOPS (ISO 12117)
Gauges
Fuel level gauge
Engine coolant
Temperature gauge
Warning
Quick clamp
Engine oil pressure
Engine coolant temperature
Preheat
Low battery
Air cleaner closing
Fuel empty
One key
Mechanical suspension seat with seat belt
Console box tilting system(LH.)
Front working lights
Electric horn
Battery (1 x 12 V x 80 AH)
Battery master switch
Automatic swing brake
Removable reservoir tank
Water separator, fuel line
Mono boom (1.80 m, 5' 11")
Arm (0.96 m, 3' 2")
Rubber crawler (230mm, 9")
Single acting piping (Breaker, etc)
Double acting piping (Clamshell, etc)
Auto shift traveling system
Emergency stop switch
Tool box
Glow control

OPTIONAL EQUIPMENT
Tool kit
Operator suit
Lever pattern change valve
Cabin FOPS (ISO 10262)
Cabin TOPS (ISO 12117)
RCV with proportional control switch
Travel motor with parking brake
Heater
Long arm (1.12m, 3'8")
Hyundai Bio Hydraulic Oil (HBHO)
Cabin light
Beacon lamp
Casette radio
Quick coupler piping

- * 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.

MEMO

MEMO

MEMO