

MOVING YOU FURTHER

Robex
18-9



*Photo may include optional equipment.

Pride at Work

Hyundai Construction Equipment strives to build state-of-the-art earthmoving equipment that delivers maximum performance, greater precision, versatile machine preferences, and proven quality to every operator.

Take pride in your work with Hyundai!

Robex 18-9

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

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

Engine Technology

R18-9 is powered by a proven and reliable Mitsubishi L3E Engine providing efficient fuel combustion and reduced noise.

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 R18-9 is in operation.

Advanced Hydraulic System

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

Comfortable and Durable Cab with Canopy

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

Operator's 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.

Simple and Easy Maintenance

R18-9 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.

Extended Life of Components

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

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

R18-9 offers operators 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.



*Photo may include optional equipment.



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 has also been adopted. (Input a password to start machine)

Comfortable Operating Cab

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



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



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



3 The adjustable wrist rests provide additional comfort.



4 The control devices are ergonomically configured for higher production efficiency.

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.



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 R18-9 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. R18-9's adjustable suspension seat, wrist rests, ergonomically designed joysticks and abundant space help reduce the stress of the operator.



*Photo may include optional equipment.

Precision & Performance

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



*Photo may include optional equipment.



Mitsubishi L3E

Mitsubishi's L3E engine provides maximum power, optimum fuel economy, and reduced emissions.

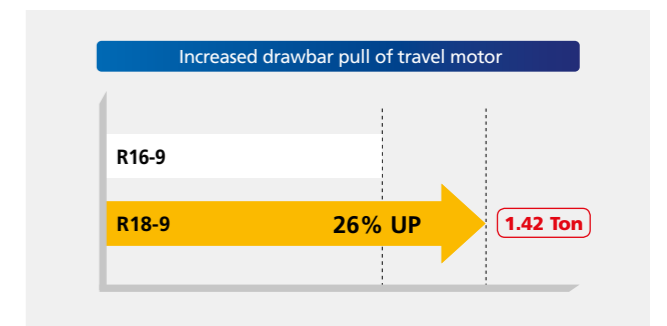
Boom Swing

R18-9'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.



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, R18-9 is equipped with an integrated boom holding system.



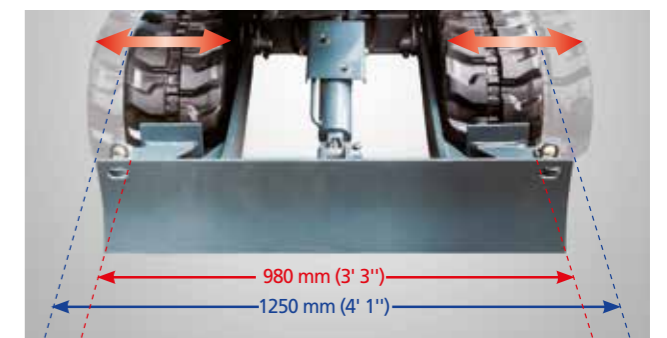
Improved Drawbar Pull

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



Structural Strength

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



Variable Undercarriage

R18-9's track width is adjustable to between 980 mm ~ 1250 mm (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.

Profitability

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



*Photo may include optional equipment.



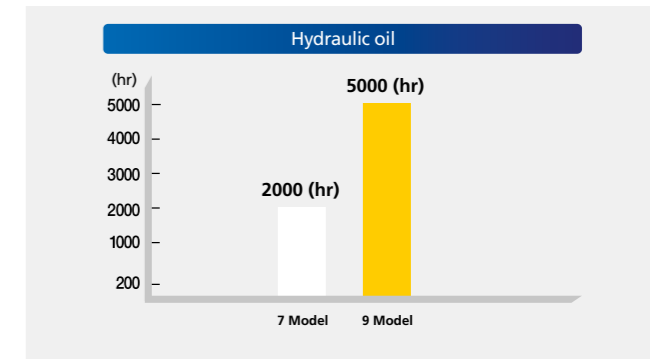
Cylinder Covers

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



Easy Access

R18-9 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 R18-9.



Extended Life of Components

R18-9 is fitted with bushings designed for extended lube intervals (250 hrs) & polymer shims (wear resistant, noise reducing), extended-life hydraulic filters (1000 hrs), long-life hydraulic oil (5000 hrs), more efficient cooling systems and integrated preheating systems in order to extend service intervals, minimize operating costs and reduce machine downtime.



Easy Change Air Cleaner

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



Centralized Grease Fittings

Centralized lubrication bank for faster, easier service and maintenance.



Proportional Auxiliary Hydraulic System

- Optional : Proportional control switch for better speed control and operational convenience.

Specifications

Engine		
Model	Mitsubishi L3E	
Type	4 Cycle Diesel engine, in line, water cooled	
Rated flywheel horse power		
SAE	J1995 (gross)	14.0 kW (18.8 hp) / 2400 rpm
	J1349 (net)	13.6 kW (18.2 hp) / 2400 rpm
DIN	627 1/1 (gross)	14.0 kW (19 ps) / 2400 rpm
	627 1/1 (net)	13.6 kW (18.5 ps) / 2400 rpm
Max. torque	5.4 kgf.m (39 lbf.ft) at 1800 rpm	
Bore x stroke	76 mm (2.99") x 70 mm (2.76")	
Piston displacement	952 cc (58.1 in ³)	
Batteries	12V; 80 Ah	
Starting motor	12V - 1.7 kW	
Alternator	12V - 40 A	

Hydraulic system	
Main pump	
Type	variable displacement piston pumps
Rated flow	2 x 18.1 + 11.0 l/min 2 x 4.8 + 2.9 USgpm 2 x 4.0 + 2.4 UKgpm
Pilot pump	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 (2990 psi)
Travel circuit	210 kgf/cm ² (2990 psi)
Swing circuit	170 kgf/cm ² (2420 psi)
Pilot circuit	35 kgf/cm ² (498 psi)
Service valve	Installed

Hydraulic cylinders	
No. of cylinder - bore x stroke	
Boom	60 x 465 mm (2.4" x 18.3")
Arm	60 x 400 mm (2.4" x 15.7")
Bucket	55 x 345 mm (2.2" x 13.6")
Boom swing	55 x 355 mm (2.2" x 14.0")
Dozer blade	65 x 93 mm (2.6" x 3.7")
Adjustable undercarriage	50 x 270 mm (2.0" x 10.6")

Operator's cab	
Noise Levels (dynamic value)	
Outside cabin - LwA	93 dB
Inside cabin - LpA	76 dB

Coolant & lubricant capacity			
(refilling)	liter	US gal	UK gal
Fuel tank	22	5.8	4.8
Engine coolant	4.2	1.1	0.9
Engine oil	4.2	1.1	0.9
Hydraulic tank	20	5.3	4.4

Travel levers	
Traveling and steering: Two levers with foldable pedals.	

Hydraulic controls	
Type	
Two joysticks with one safety lever	
Pilot control	(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	9.5 rpm
Swing Brake	wet disc

Drives & brakes	
Max. travel speed (high / low)	4.0 km / 2.1 km (2.5 mph) / (1.3 mph)
Maximum traction force	1.42 ton
Maximum gradeability	30°
Parking brake (Option)	wet disc

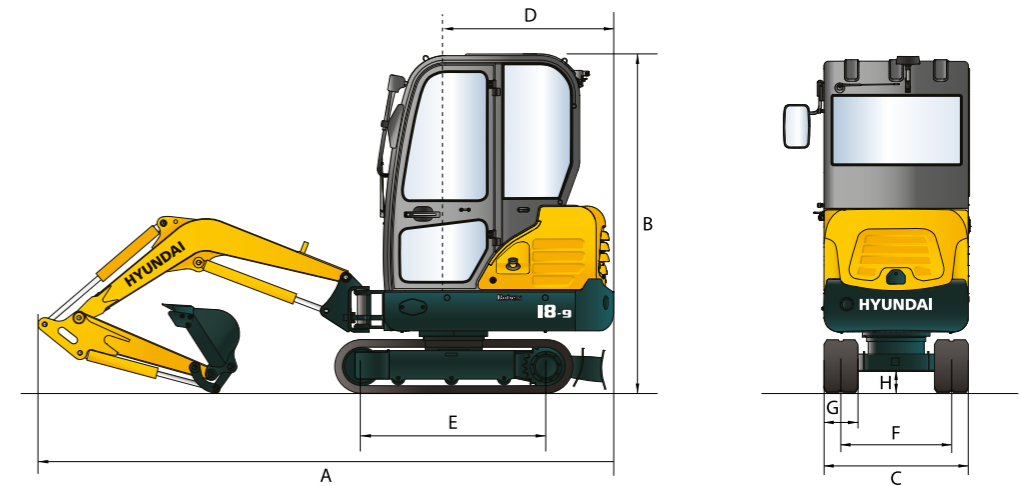
Digging force (iso)		
	0.96 m Arm	1.12 m Arm
Bucket	1540 kgf	1540 kgf
	15.1 kN	15.1 kN
	3400 lbf	3400 lbf
Arm	960 kgf	870 kgf
	9.4 kN	8.5 kN
	2120 lbf	1920 lbf

Operating Weight	
Operating weight, including 1800 mm (5' 11") boom; 960 mm (3' 2") arm, SAE heaped 0.04 m ³ (0.05 yd ³) excavator bucket, lubricant, coolant, full fuel tank, hydraulic tank, the standard equipment and operator 75 kg (165 lb)	
Shoe Width	Rubber shoe 230 mm (9")
Operating weight (canopy)	1855 kg (4089 lb)
Ground pressure (canopy)	0.30 kg/cm ² (4.24 psi)
Operating weight (cabin)	1995 kg (4398 lb)
Ground pressure (cabin)	0.32 kg/cm ² (4.56 psi)

Undercarriage	
Center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, track adjusters with shock absorbing springs, sprockets and rubber tracks.	
Track frame	Adjustable undercarriage
No. of track roller on each side	3 EA

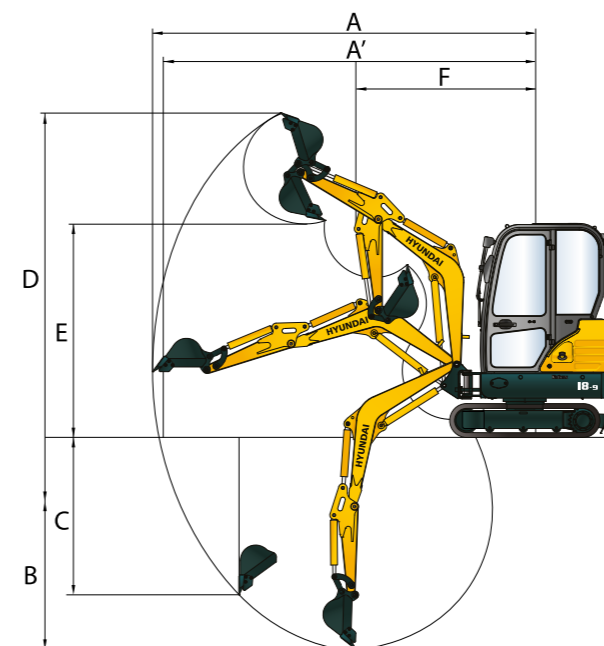
Dimensions & Working Range

R18-9 Dimensions



unit: mm (ft.in)					
A	Overall length	3840 (12' 7")	E	Tumbler distance	1230 (4' 0")
B	Overall height	2300 (7' 7")	F	Track gauge	750 ~ 1020 (2' 6" ~ 3' 4")
C	Overall width	980 ~ 1250 (3' 3" ~ 4' 1")	G	Track shoe width	230 (0' 9")
D	Tail swing radius	1065 (3' 6")	H	Ground clearance	150 (0' 6")

R18-9 Working Range



unit: mm (ft.in)		
Boom length	1800 (5' 11")	
Arm length	960 (3' 2")	1120 (3' 8")
A	Max. digging reach	3960 (12' 12") 4110 (13' 6")
A'	Max. digging reach at ground	3870 (12' 8") 4020 (13' 2")
B	Max. digging height	2245 (7' 4") 2405 (7' 11")
C	Max. vertical wall digging depth	1775 (5' 10") 1930 (6' 4")
D	Max. digging height	3675 (12' 1") 3785 (12' 5")
E	Max. dumping height	2575 (8' 5") 2680 (8' 10")
F	Min. front swing radius	1660 (5' 5") 1695 (5' 7")

Specifications

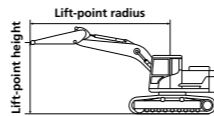
Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius										At max. reach			
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		Capacity		Reach	
													m (ft)	
3.0 m	kg										*400	*400	2.20	
9.8 ft	lb										*880	*880	(7.2)	
2.5 m	kg						*370	*370			*340	320	2.76	
8.2 ft	lb						*820	*820			*750	710	(9.1)	
2.0 m	kg						*390	380	*390	280	*310	270	3.10	
6.6 ft	lb						*860	840	*860	620	*680	600	(10.2)	
1.5 m	kg					*530	520	*450	370	*410	280	*310	240	3.30
4.9 ft	lb					*1170	1150	*990	820	*900	620	*680	530	(10.8)
1.0 m	kg					*730	490	*530	360	*450	270	*320	230	3.39
3.3 ft	lb					*1610	1080	*1170	790	*990	600	*710	510	(11.1)
0.5 m	kg					*870	470	*610	350	*480	270	*340	220	3.39
1.6 ft	lb					*1920	1040	*1340	770	*1060	600	*750	490	(11.1)
0.0 m	kg					*910	470	*650	340	*500	260	*390	230	3.29
0.0 ft	lb					*2010	1040	*1430	750	*1100	570	*860	510	(10.8)
-0.5 m	kg	*800	*800	*1090	740	*880	470	*630	340	*480	260	*450	250	3.08
-1.6 ft	lb	*1760	*1760	*2400	1630	*1940	1040	*1390	750	*1060	570	*990	550	(10.1)
-1.0 m	kg	*1230	*1230	*1120	750	*770	470	*550	340			*460	300	2.74
-3.3 ft	lb	*2710	*2710	*2470	1650	*1700	1040	*1210	750			*1010	660	(9.0)
-1.5 m	kg			*760	*760	*520	480					*440	430	2.15
-4.9 ft	lb			*1680	*1680	*1150	1060					*970	950	(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.



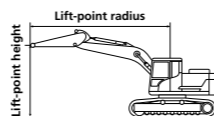
Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius										At max. reach			
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		Capacity		Reach	
													m (ft)	
3.0 m	kg										*400	*400	2.20	
9.8 ft	lb										*880	*880	(7.2)	
2.5 m	kg							*370	360			320	300	2.76
8.2 ft	lb							*820	790			710	660	(9.1)
2.0 m	kg							380	360	280	270	270	250	3.10
6.6 ft	lb							840	790	620	600	600	550	(10.2)
1.5 m	kg					530	490	370	350	280	260	240	230	3.30
4.9 ft	lb					1170	1080	820	770	620	570	530	510	(10.8)
1.0 m	kg					500	460	360	340	270	260	230	210	3.39
3.3 ft	lb					1100	1010	790	750	600	570	510	460	(11.1)
0.5 m	kg					480	450	350	330	270	250	220	210	3.39
1.6 ft	lb					1060	990	770	730	600	550	490	460	(11.1)
0.0 m	kg					470	440	340	320	260	250	230	220	3.29
0.0 ft	lb					1040	970	750	710	570	550	510	490	(10.8)
-0.5 m	kg	*800	*800	760	690	470	440	340	320	260	250	250	240	3.08
-1.6 ft	lb	*1760	*1760	1680	1520	1040	970	750	710	570	550	550	530	(10.1)
-1.0 m	kg	*1230	*1230	770	700	480	440	340	320			300	280	2.74
-3.3 ft	lb	*2710	*2710	1700	1540	1060	970	750	710			660	620	(9.0)
-1.5 m	kg			*760	710	490	450					440	410	2.15
-4.9 ft	lb			*1680	1570	1080	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.



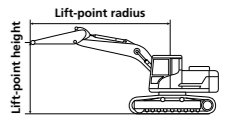
Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius										At max. reach							
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		Capacity		Reach					
													m (ft)					
3.0 m	kg											*400	*400	2.20				
9.8 ft	lb											*880	*880	(7.2)				
2.5 m	kg											*340	*340	2.76				
8.2 ft	lb											*750	*750	(9.1)				
2.0 m	kg											*390	*390	3.10				
6.6 ft	lb											*860	*860	(10.2)				
1.5 m	kg									*530	*530	*450	410	*410	310	*310	270	3.30
4.9 ft	lb									*1170	*1170	*990	900	*900	680	*680	600	(10.8)
1.0 m	kg									*730	550	*530	400	*450	300	*320	250	3.39
3.3 ft	lb									*1610	1210	*1170	880	*990	660	*710	550	(11.1)
0.5 m	kg									*870	530	*610	390	*480	300	*340	250	3.39
1.6 ft	lb									*1920	1170	*1340	860	*1060	660	*750	550	(11.1)
0.0 m	kg									*910	520	*650	380	*500	300	*390	260	3.29
0.0 ft	lb									*2010	1150	*1430	840	*1100	660	*860	570	(10.8)
-0.5 m	kg	*800	*800	*1090	820	*880	520	*630	380	*480	290	*450	280	3.08				
-1.6 ft	lb	*1760	*1760	*2400	1810	*1940	1150	*1390	840	*1060	640	*990	620	(10.1)				
-1.0 m	kg	*1230	*1230	*1120	830	*770	520	*550	380			*460	340	2.74				
-3.3 ft	lb	*2710	*2710	*2470	1830	*1700	1150	*1210	840			*1010	750	(9.0)				
-1.5 m	kg			*760	*760	*520	*520					*440	*440	2.15				
-4.9 ft	lb			*1680	*1680	*1150	*1150					*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).
- (*) Indicates the load limited by hydraulic capacity.



Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius										At max. reach							
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		2.0 m (6.6 ft)		2.5 m (8.2 ft)		3.0 m (9.8 ft)		Capacity		Reach					
													m (ft)					
3.0 m	kg											*400	*400	2.20				
9.8 ft	lb											*880	*880	(7.2)				
2.5 m	kg											*340	*340	2.76				
8.2 ft	lb											*750	*750	(9.1)				
2.0 m	kg											*390	*390	3.10				
6.6 ft	lb											*860	*860	(10.2)				
1.5 m	kg									*530	*530	410	390	310	290	270	250	3.30
4.9 ft	lb									*1170	*1170	900	860	680	640	600	550	(10.8)
1.0 m	kg									560	520	400	380	310	290	260	240	3.39
3.3 ft	lb									1230	1150	880	840	680	640	570	530	(11.1)
0.5 m	kg									540	500	390	360	300	280	250	240	3.39
1.6 ft	lb									1190	1100	860	790	660	620	550	530	(11.1)
0.0 m	kg									530	490	380	360	300	280	260	250	3.29
0.0 ft	lb									1170	1080	840	790	660	620	570	550	(10.8)
-0.5 m	kg	*800	*800	850	770	530	490	380	360	300	280	290	270	3.08				
-1.6 ft	lb	*1760	*1760	1870	1700	1170	1080	840	790	660	620	640	600	(10.1)				
-1.0 m	kg	*1230	*1230	860	780	540	490	390	360			340	320	2.74				
-3.3 ft	lb	*2710	*2710	1900	1720	1190	1080	860	790			750	710	(9.0)				
-1.5 m	kg			*760	*760	*520	510					*440	*440	2.15				
-4.9 ft	lb			*1680	*1680	*1150	1120					*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

Specifications

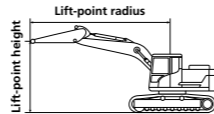
Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius												At max. reach			
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		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)	
2.5 m 8.2 ft	kg lb							*320 *710	*320 *710					*280 *620	*280 *620	2.96 (9.7)
2.0 m 6.6 ft	kg lb							*340 *750	*340 *750	*350 *770	280 620			*260 *570	240 530	3.27 (10.7)
1.5 m 4.9 ft	kg lb				*460 *1010	*460 *1010	*410 *900	370 820	*380 *840	280 620			*260 *570	220 490	3.45 (11.3)	
1.0 m 3.3 ft	kg lb				*660 *1460	500 1100	*500 *1100	360 790	*420 *930	270 600	*340 *750	210 460	*270 *600	210 460	3.54 (11.6)	
0.5 m 1.6 ft	kg lb				*830 *1830	470 1040	*580 *1280	340 750	*460 *1010	260 570	*370 *820	210 460	*280 *620	210 460	3.54 (11.6)	
0.0 m 0.0 ft	kg lb		*640 *1410	*640 *1410	*900 *1980	460 1010	*630 *1390	330 730	*490 *1080	260 570			*320 *710	210 460	3.45 (11.3)	
-0.5 m -1.6 ft	kg lb	*700 *1540	*700 *1540	*990 *2180	730 1610	*890 *1960	460 1010	*640 *1410	330 730	*490 *1080	260 570		*370 *820	230 510	3.25 (10.7)	
-1.0 m -3.3 ft	kg lb	*1050 *2310	*1050 *2310	*1210 *2670	730 1610	*810 *1790	460 1010	*580 *1280	330 730				*430 *950	270 600	2.93 (9.6)	
-1.5 m -4.9 ft	kg lb	*1510 *3330	*1510 *3330	*910 *2010	750 1650	*620 *1370	470 1040						*430 *950	360 790	2.42 (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.



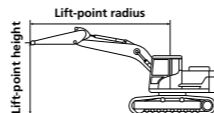
Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius												At max. reach			
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		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)	
2.5 m 8.2 ft	kg lb							*320 *710	*320 *710					*280 *620	270 600	2.96 (9.7)
2.0 m 6.6 ft	kg lb							*340 *750	*340 *750	280 620	270 600			240 530	230 510	3.27 (10.7)
1.5 m 4.9 ft	kg lb				*460 *1010	*460 *1010	370 820	350 770	280 620	260 570			220 490	210 460	3.45 (11.3)	
1.0 m 3.3 ft	kg lb				500 1100	470 1040	360 790	340 750	270 600	260 570	210 460	200 440	210 460	200 440	3.54 (11.6)	
0.5 m 1.6 ft	kg lb				480 1060	440 970	350 770	320 710	270 600	250 550	210 460	200 440	210 460	200 440	3.54 (11.6)	
0.0 m 0.0 ft	kg lb		*640 *1410	*640 *1410	470 1040	430 950	340 750	320 710	260 570	240 530			210 460	200 440	3.45 (11.3)	
-0.5 m -1.6 ft	kg lb	*700 *1540	*700 *1540	750 1650	680 1500	460 1010	430 950	330 730	310 680	260 570	240 530		230 510	220 490	3.25 (10.7)	
-1.0 m -3.3 ft	kg lb	*1050 *2310	*1050 *2310	750 1650	680 1500	470 1040	430 950	340 750	310 680				270 600	250 550	2.93 (9.6)	
-1.5 m -4.9 ft	kg lb	*1510 *3330	*1510 *3330	770 1700	700 1540	480 1060	440 970						360 790	340 750	2.42 (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.



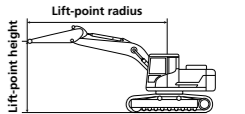
Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius												At max. reach			
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		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)	
2.5 m 8.2 ft	kg lb							*320 *710	*320 *710					*280 *620	*280 *620	2.96 (9.7)
2.0 m 6.6 ft	kg lb							*340 *750	*340 *750	*350 *770	310 680			*260 *570	*260 *570	3.27 (10.7)
1.5 m 4.9 ft	kg lb					*460 *1010	*460 *1010	*410 *900	*410 *900	*380 *840	310 680			*260 *570	250 550	3.45 (11.3)
1.0 m 3.3 ft	kg lb					*660 *1460	550 1210	*500 *1100	400 880	*420 *930	300 660	*340 *750	240 530	*270 *600	240 530	3.54 (11.6)
0.5 m 1.6 ft	kg lb					*830 *1830	530 1170	*580 *1280	380 840	*460 *1010	300 660	*370 *820	240 530	*280 *620	230 510	3.54 (11.6)
0.0 m 0.0 ft	kg lb			*640 *1410	*640 *1410	*900 *1980	520 1150	*630 *1390	380 840	*490 *1080	290 640			*320 *710	240 530	3.45 (11.3)
-0.5 m -1.6 ft	kg lb	*700 *1540	*700 *1540	*990 *2180	810 1790	*890 *1960	510 1120	*640 *1410	370 820	*490 *1080	290 640			*370 *820	260 570	3.25 (10.7)
-1.0 m -3.3 ft	kg lb	*1050 *2310	*1050 *2310	*1210 *2670	820 1810	*810 *1790	520 1150	*580 *1280	370 820					*430 *950	300 660	2.93 (9.6)
-1.5 m -4.9 ft	kg lb	*1510 *3330	*1510 *3330	*910 *2010	830 1830	*620 *1370	530 1170							*430 *950	400 880	2.42 (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.



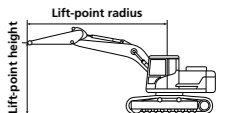
Lifting Capacity R18-9

Rating over-front Rating over-side or 360 degree

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

Load point height m (ft)	Load radius												At max. reach			
	1.0 m (3.3 ft)		1.5 m (4.9 ft)		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)	
2.5 m 8.2 ft	kg lb							*320 *710	*320 *710					*280 *620	*280 *620	2.96 (9.7)
2.0 m 6.6 ft	kg lb							*340 *750	*340 *750	320 710	300 660			*260 *570	260 570	3.27 (10.7)
1.5 m 4.9 ft	kg lb					*460 *1010	*460 *1010	*410 *900	*410 *900	390 860	310 680	290 640		250 550	230 510	3.45 (11.3)
1.0 m 3.3 ft	kg lb					560 1230	520 1150	400 880	370 820	310 680	290 640	240 530	230 510	240 530	220 490	3.54 (11.6)
0.5 m 1.6 ft	kg lb					540 1190	500 1100	390 860	360 790	300 660	280 620	240 530	220 490	240 530	220 490	3.54 (11.6)
0.0 m 0.0 ft	kg lb			*640 *1410	*640 *1410	530 1170	480 1060	380 840	350 770	290 640	280 620			240 530	230 510	3.45 (11.3)
-0.5 m -1.6 ft	kg lb	*700 *1540	*700 *1540	840 1850	760 1680	520 1150	480 1060	380 840	350 770	290 640	270 600			260 570	250 550	3.25 (10.7)
-1.0 m -3.3 ft	kg lb	*1050 *2310	*1050 *2310	850 1870	760 1680	530 1170	480 1060	380 840	350 770					300 660	280 620	2.93 (9.6)
-1.5 m -4.9 ft	kg lb	*1510 *3330	*1510 *3330	860 1900	780 1720	540 1190	490 1080							410 900	380 840	2.42 (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 Equipment

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

Optional Equipment

· Tool kit	· Lever pattern change valve	· RCV with proportional control switch	· Heater
· Operator suit	· Cabin FOG (ISO 10262)	· Travel motor with parking brake	· Long arm (1.12 m; 3'8")
· Proportional control switch	TOPS (ISO 12117)		

* 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 Europe nv

Hyundailaan 4, 3980 Tessenderlo, Belgium **Tel:** (32) 14-56-2200 **Fax:** (32) 14-59-3405

www.hyundai.eu

EN - 2018.02 Rev 0