Robex 360LC-7A

Standard Equipment

ISO standard cabin
- Heater & Defroster
- Heater (7,500 kcal/hr, 30,000 BTU/hr)
- 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
- Hot & cool box
- Accessory box & Ash-tray

Computer Aided Power Optimization(New CAPO) system
- 2-power mode, 3-work mode, 2-user mode
- Auto deceleration & one touch deceleration system
- Auto warm up system
- Auto overheat prevention system

Heater & Defroster (7500 Kcal/hr, 30000 BTU/hr)
Self diagnostic system
Am/Fm radio and USB player
- Remote control switch

Centralized monitoring
- LCD display
  - Engine speed
  - Clock & Error code
- Gauges
  - Fuel level gauge
  - Engine coolant temperature gauge
  - Hyd. oil temperature gauge
- Warning
  - Fuel level
  - Check Engine & CPU
  - Engine oil pressure
  - Engine coolant temperature
  - Hyd. oil temperature
  - Low battery
  - Air cleaner clogging
- Indicator
  - Power max.
  - Preheat & Engine warming-up
  - One touch decel

Starting Aid (Air gride heater) cold Weather
Door and cab locks, one key
Two outside rearview mirrors
Fully adjustable suspension seat with seat belt
Slidable joystic, pilot-operated
Console box tilting system(LH.)
Three front working lights
Electric horn
Batteries (2 x 12 V x 160 AH)
Battery master switch
Removable clean out screen for Hyd. oil cooler
Automatic swing brake
Removable reservoir tank
Water saparator & Fuel pre-filter, Fuel line
Boom holding system
Arm holding system
Counterweight (6500 kg, 14330 lb)
Mono boom (6.5 m, 21′ 4″)
Arm (3.2 m, 10′ 6″)
Track shoes (600 mm, 23.6″)
Track rail guard
Travel alarm
Fuel warmer

Optional Equipment

Air-conditioner(5,000 kcal/hr, 20,000 BTU/hr)
FATC (Full Automatic Temperature Control)
Sun visor for cabin inside
Fuel filler pump(35 ℓ /min, 9.2 USgpm)
Beacon lamp
Safety lock valve for boom cylinder with overload warning device
Safety lock valve for arm cylinder
Single acting piping kit(breaker, etc)
Double acting piping kit(cramshell, etc)
Accumulator, work equipment lowerling
12 volt power supply(24V DC - 12V DC converter)
Electric transducer
Quick coupler

Various optional Arms
- Short arm (2.50 m, 8′ 2″)
- Long arm (3.90 m, 12′ 10″)
- Long arm (4.30 m, 14′ 1″)
- Super long arm (5.10 m, 16′ 9″)

Various optional Buckets(SAE heaped)
- Standard bucket (1.62 m³, 2.12 yd³)
- Narrow bucket (1.15 m³, 1.5 yd³)
- Narrow bucket (1.46 m³, 1.91 yd³)
- Light duty bucket(1.86 m³, 2.43 yd³)
- Light duty bucket(2.10 m³, 2.75 yd³)
- Light duty bucket(2.32 m³, 3.03 yd³)
- Heavy duty bucket(1.62 m³, 2.12 yd³)
- Rock-Heavy duty bucket (1.44 m³, 1.88yd³)
- Rock-Heavy duty bucket (1.62 m³, 2.12 yd³)
- Rock-Heavy duty bucket (1.86 m³, 2.43 yd³)

Cabin lights
Cabin FOPS/FOG (ISO 10262)
Cabin Roof-Cover Transparent
Track shoes
- Triple grousers shoe (700mm, 28″)
- Triple grousers shoe (750mm, 30″)
- Triple grousers shoe (800mm, 32″)
- Triple grousers shoe (900mm, 36″)

Tropical kit
- Fan drive ratio (1.1:1)
- Louver side cover (R/H)

Lower frame under cover
Full track guard
Preheating system
Tool kit
Operator suit

Seat
- Adjustable air suspension seat
- Mechanical suspension seat with heater
- Adjustable air suspension seat with heater

Pattern changer (2pattern)

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.
All imperial measurements rounded off to the nearest pound or inch.

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HEAVY INDUSTRIES CO.,LTD.
CONSTRUCTION EQUIPMENT

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PLEASE CONTACT

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We build a better future

*Photo may include optional equipment.

Robex CRAWLER EXCAVATOR Applied Tier 3 Engine

360LC-7A

HYUNDAI
HEAVY INDUSTRIES CO.,LTD.

Built for Maximum Power, Performance, Reliability.

A new chapter in construction equipment has now begun.
Making the dream a reality.

Robex 360LC-7A

*Photo may include optional equipment.

Operator's Comfort is Foremost.
Wide Cab Exceeds Industry Standards.

Technology in Cab Design

Visibility
- Even more visibility than before, for safer, more efficient operating.

Excellent Ventilation
- Ventilation has been improved by the addition of the larger fresh air intake system, and by providing additional air flow throughout the cab.
- Sliding front and side windows provide improved ventilation.
- A large sunroof offers upward visibility and additional ventilation.

Comfortable Operator Environment
- The control levers and seat can be adjusted to provide maximum operator comfort.
- The seat is fully adjustable for optimum operating position, reducing operator fatigue.
- Console boxes slide forward and backward for improved accessibility.
- The proportional pressure controls reduce unnecessary exertion while ensuring precise operation.
- Large windows allow excellent visibility in all directions.

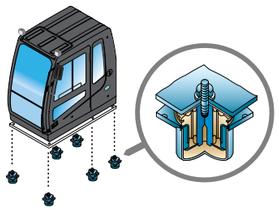
Low Noise Design
- The Robex 7series was designed with low operation noise in mind.
- Hyundai engineering helps to keep interior and exterior noise levels to a minimum.
- The cab's noise levels have been additionally reduced by improving the door seals for the cab and engine compartments.
- An insulated diesel engine compartment with sound-damping material also reduces noise.

1 Wide, Comfortable Operating Space
2 Steel Cover Sunroof
3 Dial Type Engine Speed Switch and / Key Switch

Radio/USB Player & Remote Control Switch

*Photo may include optional equipment.

Improved Intelligent Display
Instrument Panel is installed in front of RH console box.
It is easy to check all critical systems with easy-to-read indicators.



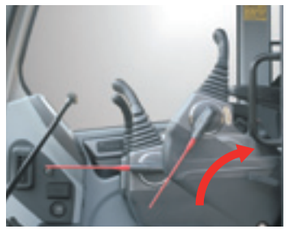
Minimization of Shock and Vibration through Cab Mounting System
The application of Viscous Mounting to the cabin support provides the operator with a much improved ride. The operator work efficiency will increase as the shock and noise level in the cabin decreases.

Operating Environment

Maximum Protection

▲ Storage Box and Cup Holder
An Additional storage box and cup holder are located behind operator's seat, and it keeps food and beverages cool or hot.

◀ 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.



Highly Sensitive Joystick and Easy Entrance
New joystick grips for precise control have been equipped with 4 switches.

Left	Power boost One touch deceleration Dummy
Right	Horn/Optional/Dummy

Easy-to-Reach Control Panels
Switches and other essential controls are located near the operator.
This helps keep operator movement to a minimum, enhancing control with less operator fatigue.

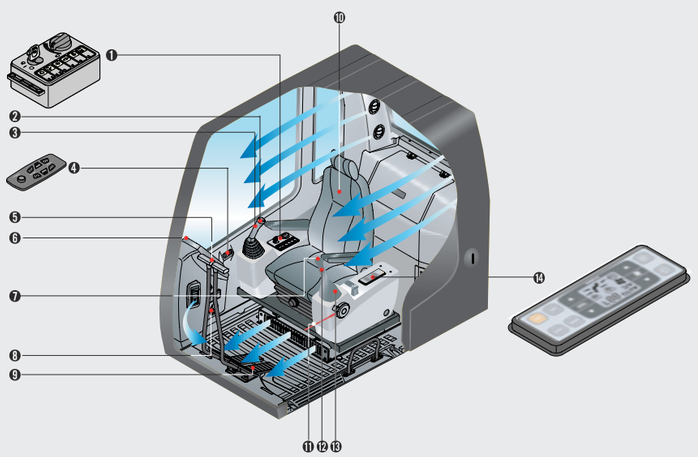
Rear Emergency Exit Window
Rear Exit Window is designed with easy exit for operator's safety.

Raise-up Wiper and Cabin Lights
Raise-up wiper has enhanced for the better front view. Cabin Lights enhances safety by brightly lighting the surroundings during night work(optional)

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.

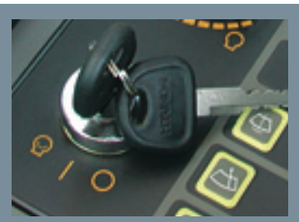
Smooth Travel Pedal and Foot Rests

The best working conditions in a pleasant environment.

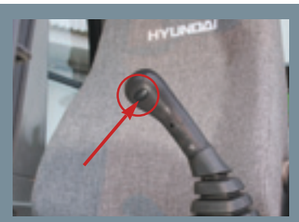


❶Centralized control panel
❷Horn button
❸Option button
❹Remote Radio control
❺Travel lever
❻Cluster
❼One touch decel button
❽Hour meter
❾Travel pedal
❿Fully adjustable suspension seat
⓫Safety lever
⓬Power boost button
⓭Joystick control lever
⓮Air Conditioner and Heater controller

Automatic Engine Overheat Prevention
If the engine coolant temperature gets too high, the CPU controller lowers the engine speed and cools the engine.



Anti Restart System
The new system protects the starter from re-starting during engine operation, even if the operator accidentally turns the start key again.

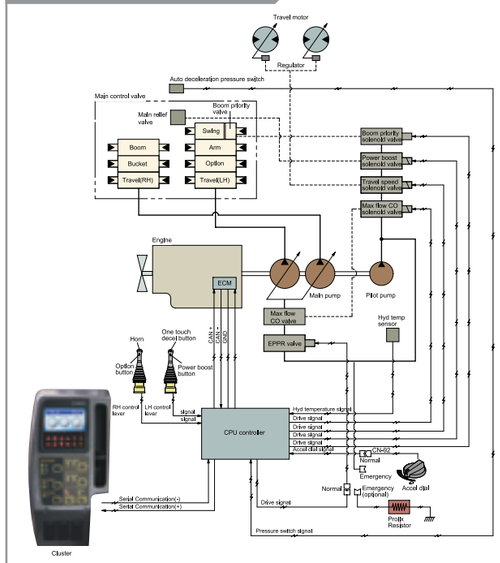


Power Boost Control System
When the power boost system is activated, digging power increases about 10%.
It is especially useful when extra power is temporarily needed, for instance, when digging hard earth and rock, or if the bucket teeth are stopped by a stubborn tree root.

Automatic Warming-up System
After the engine is started, if the engine coolant temperature is low, the CPU controller increases the engine speed and automatically increases the pump flow rate to warm up the engine more effectively.

Advanced Hydraulic System

ADVANCED CAPO SYSTEM



The advanced CAPO(Computer Aided Power Optimization) system maintains engine and mutual pump power at optimum levels. Mode selections are designed for various work loads and maintaining high performance while reducing fuel consumption.
Features such as auto deceleration and power boost are included in the system. The system monitors engine speed, coolant temperature, and hydraulic oil temperature. Contained within the system are self diagnostic capabilities which are displayed by error codes on the cluster.

NEW MODE CONTROL SYSTEM

1 POWER MODE
H mode: High power S mode: Standard power
2 WORK MODE
Heavy duty work General work Breaker
3 USER MODE
M mode: Maximum Power
U mode : Memorizing Operator's Preferable Power Setting

Auto Deceleration System

When remote-control valves are in neutral position more than 4 seconds, CPU controller instructs the accel actuator to reduce engine speed to 1000rpm. This decreases fuel consumption and reduces cab noise levels.

Max. Flow Cut-off System
For precise control and finishing work, the Max. Flow Cut-off System reduces pump flow, thus allowing smooth operation.

Self Diagnosis System
The CPU controller diagnoses problems in the CAPO system caused by electric and hydraulic malfunctions and displays them on the LCD monitor of the cluster through error codes. This controller has the capacity to identify 48 distinct types of errors. As the information from this device, such as engine rpm, main pump delivery pressure, battery voltage, hyd. temperature, and the state of all types of electric switches, provides the operator with a much more exact state of machine operating condition.
This makes the machine easier to troubleshoot when anything does go wrong.

One Touch Decel System
When the one touch decel switch is pressed, CPU controller controls the accel actuator to reduce engine speed to low idle. And then the one touch decel switch is pressed again, the engine speed recovers.

Pump Flow Control System
In neutral position: Pump flow is reduced to a minimum to eliminate power loss.
In operation: Maximum pump flow is delivered to the actuator to increase the speed. With movement of the control lever, pump flow is automatically adjusted and the actuator speed can be proportionally controlled.

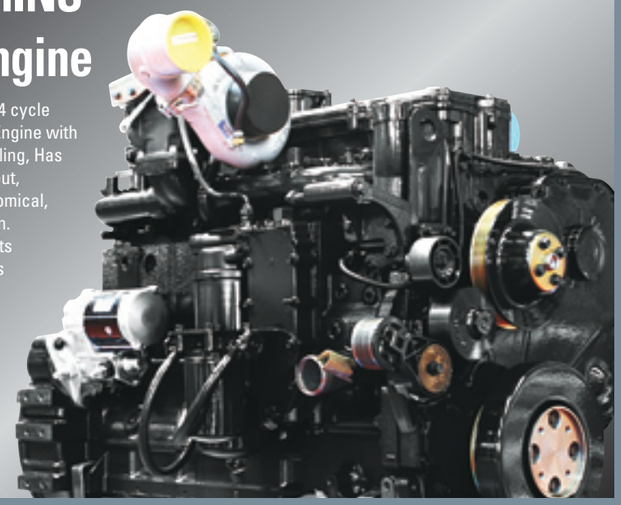
Boom & Arm Holding System
The Holding valves in the main control valve prevents the boom & arm from dropping over an extended period in neutral position.

Arm Flow Regeneration System
Arm flow regeneration valve provides smooth arm-in operation without cavitation.

Hydraulic Damper in Travel Pedal
Improved travel controllability & feeling by shock reducing when starting and stopping.

CUMMINS QSL Engine

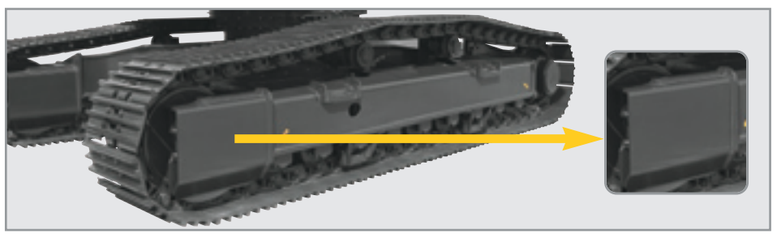
The six cylinder 4 cycle Turbo Charged Engine with Charged Air Cooling, Has High Power output, Reliability, economical, and low emission. This engine meets Tier III emissions regulations.



Heavy-duty strength
Everyone who's ever worked on construction equipment knows, there is no substitute for power and durabilty. The QSL handles the toughest loads and the roughest work conditions. At the same time, it delivers better fuel economy, has better cold starting capability and is up to 50% quieter in operation.
Plus, the heavy-duty design of the QSL engine block and components such as articulated pistons, enhanced camshaft and roller cam followers, viscous damper and high capacity lube system add reliability and durability you can count on every day, year after year.
Both fuel-efficiency and response are significantly enhanced with Cummins high pressure common rail fuel system. The system delivers high pressure injection independent of engine speed for optimum performance and flexibility at every rpm.

Increased Higher Performance

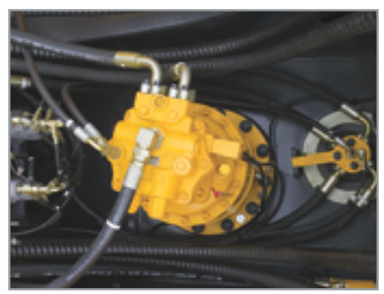
Strong and Stable Lower Frame
Reinforced box-section frame is all welded, low-stress, high-strength steel.
It guarantees safety and resistance against external impact when driving on rough ground and working on wet sites through high tensile strength steel panels, with highly durable upper and lower rollers and track guards. Long undercarriage incorporates heavy duty excavator style components.
X-leg type center frame is integrally welded for maximum strength and durability.



Track Rail Guide & Adjusters
Durable track rail guides keep track links in place. Track adjustment is made easy with standard grease cylinder track adjusters and shock absorbing springs. (Full Track Guide : Option)

Reinforced Bucket and Bucket Linkage
Sealed and adjustable bucket linkage provides less wear of pins and bushes as well as silent operation.The design includes bucket link durability and anti wear characteristics.
Additional reinforcement plates on cutting edge section. Reinforced bucket is made with thicker steel and additional lateral plate.

Powerful and Preciser Swing Control
Improved shock absorbing characteristics make stopping a precise and smooth action



Full Open Doors and Master Key System
Provide Easy Access for Servicing.

Reliability & Serviceability

Side Cover with Left & Right Swing Open Type

Easy access to vital components gives unrestricted view of component allows easy maintenance and repair.

Easy to Maintain Engine Components

The cooling and preheating system are provided for optimum and immediate operation, guaranteeing longer life for the engine and hydraulic components.
Servicing of the engine and hydraulics is considerably simplified due to total accessibility.

Centralized Electric Control Box and Easy to Change Air Cleaner Assembly

Electric control box and Air cleaner are centralized in one or the same compartment for easy service.

Highly Efficient Hydraulic Pump

Large Tool Box for Extra Storage

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

*Photo may include optional equipment.

Specifications

Engine

Model			Cummins QSL
Type			Water cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, turbocharged, charger air coolerd low emission
Rated flywheel horse power	SAE	J1995 (gross)	296 HP (221 kW) at 1,850 rpm
		J1349 (net)	271 HP (202 kW) at 1,850 rpm
	DIN	6271/1 (gross)	300 PS (221 kW) at 1,850 rpm
		6271/1 (net)	275 PS (202 kW) at 1,850 rpm
Max. torque			148.0 kgf·m(1,070 lbf·ft) at 1,400 rpm
Bore x stroke			114 x 144.5 mm (4.5" x 5.3")
Piston			8,900 cc (540 cu in)
Batteries			2 x 12 V x 160 AH
Starting motor			24 V, 7.5kW
Alternator			24V, 50 Amp

Hydraulic system

Main pump	
Type	Two variable displacement piston pumps
Max. flow	2×288 ℓ/min (76.6 US gpm / 63.8 UK gpm)
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system	
Hydraulic motors	
Travel	Two speed axial piston motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake
Relief valve setting	
Implement circuits	330 kgf/cm² (4,690 psi)
Travel	360 kgf/cm² (4,765 psi)
Power boost (boom, arm, bucket)	360 kgf/cm² (5,120 psi)
Swing circuit	260 kgf/cm² (3,700 psi)
Pilot circuit	35 kgf/cm² (500 psi)
Service valve	Installed
Hydraulic cylinders	
No. of cylinder-bore x stroke	Boom: 2-160×1,500 mm (6.3"×59.1")
	Arm: 1-170×1,760 mm (6.7"×69.3")
	Bucket: 1-150×1,295 mm (5.9"×51.0")

Drives & Brakes

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	31,000 kgf (68,350 lbf)
Max. travel speed(high) / (low)	4.8 km/hr (2.8 mph) / 3.0 km/hr (2.0 mph)
Gradeability	35° (70 %)
Parking brake	Multi wet disc

Control

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 and arm, (RH): Boom and bucket(ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type
External lights	Two lights mounted on the boom one under the battery box

Swing system

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing circuit lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	9.0 rpm

Coolant & Lubricant capacity

(refilling)	liter	US gal	UK gal
Fuel tank	520	137.4	114.4
Engine coolant	45.0	11.9	9.9
Engine oil	33.5	8.8	7.4
Swing device	8.0	1.6	1.3
Final drive(each)	7.0	1.8	1.5
Hydraulic system	420	111.0	92.4
Hydraulic tank	230	60.8	50.6

Undercarriage

X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricate rollers, idlers, track adjusters with shock absorbing spring and sprockets, and track chain with double or triple grouser shoes.

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	51
No. of carrier roller on each side	2
No. of track roller on each side	9
No. of track guard on each side	2

Operating weight (approximate)

Operating weight, including 6,500m (21' 4") boom, 3,200 m (10' 6") arm, SAE heaped 1.62 m³ (2.12 yd³) backhoebucket, lubricant, coolant.

Major component weight	
Upperstructure	8,500 kg (18,740 lb)
Counterweight	6,500 kg (14,330 lb)
Boom (with arm cylinder)	3,780 kg (8,330 lb)

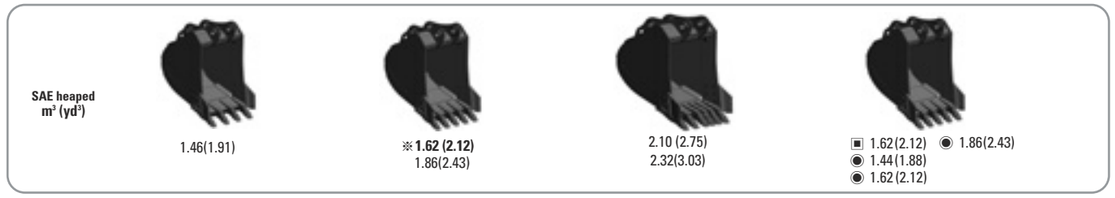
Operating weight

Shoes(Triple grouser) mm(in)	Operating weight kg(lb)	Ground pressure kgf/cm²(psi)
※ **600(24)**	**36,100(79,590)**	**0.64(9.10)**
700(28)	36,500(80,600)	0.56(7.96)
750(30)	36,725(81,000)	0.52(7.39)
800(32)	36,950(81,500)	0.49(6.97)
900(36)	37,400(82,500)	0.44(6.26)

※Standard equipment

Backhoe attachment

Buckets



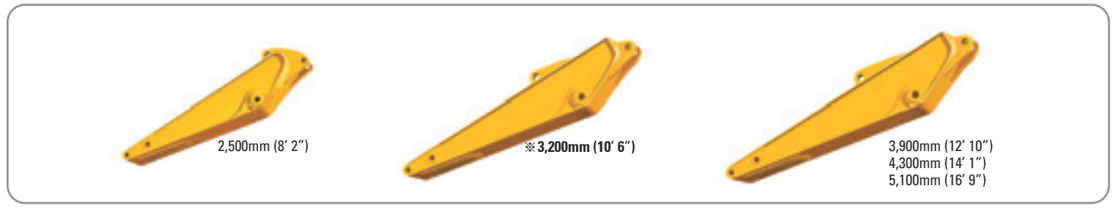
Capacity m³ (yd³)		Width mm (in)		Weight kg(lb)	Recommendation mm(ft.in)					
					Boom	※6,500 (21' 4")			6,150 (20' 2")	8,600 (28' 3")
SAE heaped	CECE heaped	Without side cutters	With side cutters		Arm	2,500 (8' 2")	※3,200 (10' 6")	3,900 (12' 10")	4,300 (14' 1")	2,500 (8' 2")	5,100 (16' 9")
1.46(1.91)	1.27(1.66)	1,380(54.3)	1,510(59.4)	1,170(2,580)		●	●	●	■	●	▲
※ **1.62(2.12)**	**1.40(1.83)**	**1,440(56.7)**	**1,570(61.8)**	1,280(2,820)		●	●	■	■	●	–
1.86(2.43)	1.60(2.1)	1,620(63.8)	1,750(68.9)	1,390(3,060)		●	●	■	▲	●	–
2.10(2.75)	1.80(2.4)	1,810(71.3)	1,940(76.4)	1,520(3,350)		■	■	▲	–	●	–
2.32(3.03)	2.00(2.62)	1,990(78.3)	2,120(83.5)	1,760(3,880)		▲	▲	▲	–	■	–
▣ 1.62(2.12)	1.40(1.83)	1,540(60.6)	-	1,570(3,460)		●	■	▲	▲	●	–
◉ 1.44(1.88)	1.27(1.66)	1280(50.4)	-	1,565(3,450)		●	●	■	▲	●	–
◉ 1.62(2.12)	1.40(1.83)	1,545(60.8)	-	1,610(3,550)		●	■	▲	▲	●	–
◉ 1.86(2.43)	1.60(2.1)	1,725(67.9)	-	1,710(3,770)		■	▲	–	–	■	–

※: Standard backhoe bucket
▣: Heavy-duty
◉: Rock-Heavy duty bucket

●: Applicable for materials with density of 2,000 kg / m³ (3,370 lb/ yd³) or less
■: Applicable for materials with density of 1,600 kg / m³ (2,700 lb/ yd³) or less
▲: Applicable for materials with density of 1,100 kg / m³ (1,850 lb/ yd³) or less

Backhoe Attachmet

Boom and arms are of all-welded, low-stress, full-box section design. 6,500mm(21' 4") 6,150mm(20'2"), 8,600(28'3")boom and 2,500mm(8' 2"), 3,200mm(6' 7"), 3,900mm(12' 10"), 4,300mm(14'1") 5,100mm(16'9")arms are available. Buckets are all-welded, high-strength steel implements.



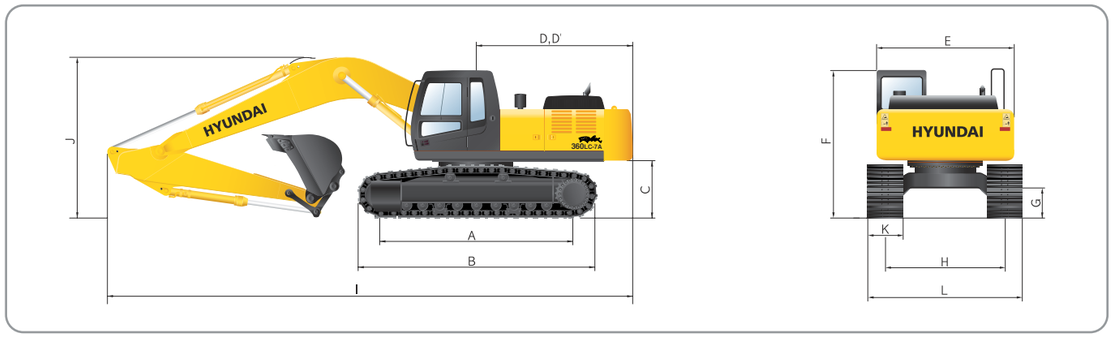
Digging force

Arm	Length	mm(ft.in)	2,500 (8' 2")	※3,200 (10' 6")	3,900 (12' 10")	4,300 (14' 1")	Remark
	Weight	kg(lb)	1,930 (4,260)	**1,960 (4,320)**	2,170 (4,780)	2,290 (5,050)	
Bucket digging force	SAE	kN kgf lbf	201.0 [219.3] 20500 [22360] 45190[49300]	**201.0 [219.3]** **20500 [22360]** **45190 [49300]**	201.0 [219.3] 20500 [22360] 45190 [49300]	201.0 [219.3] 20500 [22360] 45190 [49300]	[ ]: Power Boost
	ISO	kN kgf lbf	228.5 [249.3] 23300 [25420] 51370 [56040]	**228.5 [249.3]** **23300 [25420]** **51370 [56040]**	228.5 [249.3] 23300 [25420] 51370 [56040]	228.5 [249.3] 23300 [25420] 51370 [56040]	
Arm crowd force	SAE	kN kgf lbf	184.4 [201.1] 18800 [20510] 41450 [45220]	**152.0 [165.8]** **15500 [16910]** **34170 [37280]**	135.3 [147.6] 13800 [15050] 30420 [33190]	124.5 [135.9] 12700 [13850] 28000 [30550]	
	ISO	kN kgf lbf	192.2 [209.7] 19600 [21380] 43210 [47140]	**156.9 [171.2]** **16000 [17450]** **35270 [38480]**	139.3 [151.9] 14200 [15490] 31310 [34160]	128.5 [140.1] 13100 [14290] 28880 [31510]	

Note : Arm weight including bucket cylinder and linkage. ※Standard arm

Dimensions & Working ranges

Dimensions



mm (ft · in)

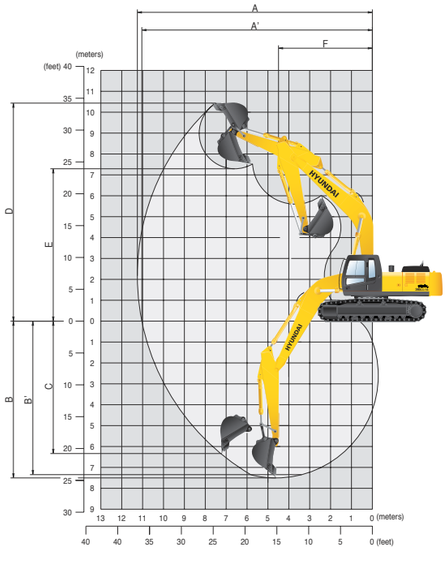
A	Tumbler distance	4,340 (14 '3")
B	Overall length of crawler	5,280 (17' 4")
C	Ground clearance of counterweight	1,290 (4' 3")
D	Tail swing radius	3,415 (11' 2")
D'	Rear-end length	3,350 (11' 0")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,175 (10' 5")
G	Min. ground clearance	550 (1' 10")
H	Track gauge	2,740 (9' 0")

mm (ft · in)

	Boom length	※**6,500 (21' 4")**				6,150 (20' 2")	8,600 (28' 3")
	Arm length	2,500 (8' 2")	※**3,200 (10' 6")**	3,900 (12' 10")	4,300 (14' 1")	2,500 (8' 2")	5,100 (16' 9")
I	Overall length	11,240 (36' 11")	**11,120 (36' 6")**	11,070 (36' 4")	11,050 (36' 3")	10,880 (35' 8")	13,070 (42' 11")
J	Overall height of boom	3,700 (12' 2")	**3,440 (11' 3")**	3,870 (12' 8")	4,270 (14' 0")	3,830 (12' 7")	4,830 (15' 10")
K	Track shoe width	※**600 (24")**	700 (28")	750 (30")	800 (32")	900 (36")	
L	Overall width	**3,340 (10' 11")**	3,440 (11' 3")	3,490 (11' 5")	3,540 (11' 7")	3,640 (11' 11")	

※Standard Equipment

Working ranges



mm (ft · in)

	Boom length	※**6,500 (21' 4")**				6,150 (20' 2")	8,600 (28' 3")
	Arm length	2,500 (8' 2")	※**3,200 (10' 6")**	3,900 (12' 10")	4,300 (14' 1")	2,500 (8' 2")	5,100 (16' 9")
A	Max. digging reach	10,720 (35' 2")	**11,250 (36' 11")**	11,870 (38' 11")	12,380 (39' 12")	10,330 (33' 11")	15,300 (50' 2")
A'	Max. digging reach on ground	10,490 (34' 5")	**11,000 (36' 1")**	11,670 (38' 3")	12,180 (40' 0")	10,100 (33' 2")	15,120 (49' 7")
B	Max. digging depth	6,800 (22' 4")	**7,500 (24' 7")**	8,200 (26' 11")	8,600 (28' 3")	6,440 (21' 2")	11,210 (36' 9")
B'	Max. digging depth (8' level)	6,620 (21' 9")	**7,350 (24' 1")**	8,070 (26' 6")	8,480 (27' 10")	6,260 (20' 6")	11,100 (36' 5")
C	Max. vertical wall digging depth	5,940 (19' 6")	**6,340 (20' 10")**	7,040 (23' 1")	7,550 (24' 9")	5,500 (18' 1")	10,070 (33' 0")
D	Max. digging height	10,470 (34' 4")	**10,430 (34' 3")**	10,650 (34' 11")	11,210 (36' 9")	10,200 (33' 6")	13,160 (43' 2")
E	Max. dumping height	7,270 (23' 10")	**7,290 (23' 11")**	7,510 (24' 8")	8,030 (26' 4")	7,020 (23' 0")	9,990 (32' 9")
F	Min. swing radius	4,630 (14' 2")	**4,560 (14' 12")**	4,550 (14' 11")	4,570 (14' 12")	4,320 (14' 2")	6,040 (19' 10")

※Standard Equipment

Lifting Capacities

Lifting capacities

Rating over-front Rating over-side or 360 degree

• **Boom :** 6.15m (20' 2") • **Arm :** 2.5 m (8' 2") • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 600mm(24") triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		At max. reach Capacity		Reach
												m (ft)
9.0 m	kg									*7640	*7640	6.65
30.0 ft	lb									*16840	*16840	(21.8)
7.5 m	kg									*7520	5970	8.02
25.0 ft	lb									*16580	13160	(26.3)
6.0 m	kg					*8660	*8660	*6540	6530	*7580	4800	8.88
20.0 ft	lb					*19090	*19090	*14420	14400	*16710	10580	(29.1)
4.5 m	kg	*18380	*18380	*12260	*12260	*9890	9350	*8740	6330	7200	4190	9.38
15.0 ft	lb	***40520**	***40520**	***27030**	*27030	*21800	20610	*19270	13960	15870	9240	(30.8)
3.0 m	kg			*15570	13710	*11460	8720	*9500	6030	6790	3890	9.58
10.0 ft	lb			***34330**	30230	*25260	19220	*20940	13290	14970	8580	(31.4)
1.5 m	kg			*18030	12630	*12850	8150	10010	5730	6750	3830	9.52
5.0 ft	lb			***39750**	27840	*28330	17970	22070	12630	14880	8440	(31.2)
Ground Line	kg	*13370	*13370	*18930	12120	*13670	7770	9760	5500	7090	4010	9.19
	lb	***29480**	***29480**	***41730**	26720	*30140	17130	21520	12130	15630	8840	(30.2)
-1.5 m	kg	*20990	*20990	*18580	11990	*13710	7610	9650	5410	7990	4540	8.53
-5.0 ft	lb	***46270**	***46270**	***40960**	26430	*30230	16780	21270	11930	17610	10010	(28.0)
-3.0 m	kg	*23670	*23670	*17040	12100	*12670	7650			*8470	5730	7.47
-10.0 ft	lb	***52180**	***52180**	***37570**	26680	*27930	16870			*18670	12630	(24.5)
-4.5 m	kg	*18590	*18590	*13590	12520							
-15.0 ft	lb	***40980**	***40980**	***29960**	27600							

• **Boom :** 6.5m (21' 4") • **Arm :** 2.5 m (8' 2") • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 600mm(24") triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		At max. reach Capacity		Reach
												m (ft)
9.0 m	kg									*6900	*6900	7.22
30.0 ft	lb									*15210	*15210	(23.7)
7.5 m	kg									*6870	5190	8.49
25.0 ft	lb									*15150	11440	(27.9)
6.0 m	kg					*8050	*8050	*7580	6370	*6970	4240	9.29
20.0 ft	lb					*17750	*17750	*16710	14040	*15370	9350	(30.5)
4.5 m	kg			*11980	*11980	*9400	8990	*8180	6110	6550	3720	9.77
15.0 ft	lb			*26410	*26410	*20720	19820	*18030	13470	14440	8200	(32.1)
3.0 m	kg			*15410	12960	*11030	8330	*9020	5790	6210	3470	9.97
10.0 ft	lb			*33970	28570	*24320	18360	*19890	12760	13690	7650	(32.7)
1.5 m	kg			*17780	12000	*12460	7780	9750	5490	6180	3430	9.91
5.0 ft	lb			*39200	26460	*27470	17150	21500	12100	13620	7560	(32.5)
Ground Line	kg			*18570	11650	*13320	7450	9520	5280	6490	3610	9.59
	lb			*40940	25680	*29370	16420	20990	11640	14310	7960	(31.5)
-1.5 m	kg	*17800	*17800	*18280	11630	*13480	7340	9440	5210	7260	4070	8.97
-5.0 ft	lb	*39240	*39240	*40300	25640	*29720	16180	20810	11490	16010	8970	(29.4)
-3.0 m	kg	*23550	*23550	*17040	11830	*12770	7430			*8130	5070	7.97
-10.0 ft	lb	*51920	*51920	*37570	26080	*28150	16380			*17920	11180	(26.1)
-4.5 m	kg	*19520	*19520	*14370	12280					*7460	*7460	6.39
-15.0 ft	lb	*43030	*43030	*31680	27070					*16450	*16450	(21.0)

• **Boom :** 6.5m (21' 4") • **Arm :** 3.2 m (10' 6") • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 600mm(24") triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		At max. reach Capacity		Reach
																m (ft)
9.0 m	kg													*6020	*6020	7.97
30.0 ft	lb													*13270	*13270	(26.1)
7.5 m	kg									*4590	*4590			*6110	4650	9.12
25.0 ft	lb									*10120	*10120			*13470	10250	(29.9)
6.0 m	kg									*6710	6590			*6140	3860	9.87
20.0 ft	lb									*14790	14530			*13540	8510	(32.4)
4.5 m	kg							*8350	*8350	*7420	6290	*4490	4440	6020	3410	10.32
15.0 ft	lb							*18410	*18410	*16360	13870	*9900	9790	13270	7520	(33.9)
3.0 m	kg					*13690	13640	*10100	8600	*8370	5930	*6400	4260	5710	3180	10.5
10.0 ft	lb					*30180	30070	*22270	18960	*18450	13070	*14110	9390	12590	7010	(34.4)
1.5 m	kg					*16650	12420	*11760	7980	*9330	5590	7260	4080	5670	3120	10.45
5.0 ft	lb					*36710	27380	*25930	17590	*20570	12320	16010	8990	12500	6880	(34.3)
Ground Line	kg			*13060	*13060	*18210	11800	*12930	7540	9560	5320	7100	3930	5900	3240	10.14
	lb			*28790	*28790	*40150	26010	*28510	16620	21080	11730	15650	8660	13010	7140	(33.3)
-1.5 m	kg	*13680	*13680	*17490	*17490	*18550	11600	*13460	7330	9400	5170			6480	3590	9.57
-5.0 ft	lb	*30160	*30160	*38560	*38560	*40900	25570	*29670	16160	20720	11400			14290	7910	(31.4)
-3.0 m	kg	*17850	*17850	*22770	*22770	*17870	11660	*13210	7310	9400	5180			7700	4320	8.65
-10.0 ft	lb	*39350	*39350	*50200	*50200	*39400	25710	*29120	16120	20720	11420			16980	9520	(28.4)
-4.5 m	kg	*22570	*22570	*22590	*22590	*16000	11960	*11870	7510					*8000	5980	7.25
-15.0 ft	lb	*49760	*49760	*49800	*49800	*35270	26370	*26170	16560					*17640	13180	(23.8)
-6.0 m	kg					*11900	*11900									
-20.0 ft	lb					*26230	*26230									

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

Lifting capacities

Rating over-front | Rating over-side or 360 degree

• **Boom :** 6.5m (21′ 4″) • **Arm :** 3.9 m (12′ 10″) • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 600mm(24″) triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		At max. reach Capacity		Reach m (ft)
9.0 m	kg													*5290	5130	8.81
30.0 ft	lb													*11660	11310	(28.9)
7.5 m	kg													*5420	4000	9.85
25.0 ft	lb													*11950	8820	(32.3)
6.0 m	kg									*5890	*5890	*3660	*3660	*5590	3360	10.54
20.0 ft	lb									*12990	*12990	*8070	*8070	*12320	7410	(34.6)
4.5 m	kg									*6660	6330	*5450	4440	5380	2980	10.95
15.0 ft	lb									*14680	13960	*12020	9790	11860	6570	(35.9)
3.0 m	kg			*19900	*19900	*12040	*12040	*9120	8690	*7660	5930	*6860	4230	5120	2780	11.13
10.0 ft	lb			*43870	*43870	*26540	*26540	*20110	19160	*16890	13070	*15120	9330	11290	6130	(36.5)
1.5 m	kg			*12660	*12660	*15330	12590	*10910	7990	*8710	5540	7200	4000	5060	2720	11.07
5.0 ft	lb			*27910	*27910	*33800	27760	*24050	17610	*19200	12210	15870	8820	11160	6000	(36.3)
Ground	kg			*13680	*13680	*17420	11750	*12310	7470	9470	5220	6990	3820	5230	2800	10.79
Line	lb			*30160	*30160	*38400	25900	*27140	16470	20880	11510	15410	8420	11530	6170	(35.4)
-1.5 m	kg	*12590	*12590	*16830	*16830	*18250	11390	*13100	7170	9240	5020	6870	3710	5670	3060	10.26
-5.0 ft	lb	*27760	*27760	*37100	*37100	*40230	25110	*28880	15810	20370	11070	15150	8180	12500	6750	(33.7)
-3.0 m	kg	*16200	*16200	*21040	*21040	*18030	11340	*13170	7080	9170	4960			6560	3600	9.42
-10.0 ft	lb	*35710	*35710	*46390	*46390	*39750	25000	*29030	15610	20220	10930			14460	7940	(30.9)
-4.5 m	kg	*20270	*20270	*24240	*24240	*16700	11540	*12330	7180	*9270	5080			*7640	4710	8.17
-15.0 ft	lb	*44690	*44690	*53440	*53440	*36820	25440	*27180	15830	*20440	11200			*16840	10380	(26.8)
-6.0 m	kg			*19460	*19460	*13690	12040									
-20.0 ft	lb			*42900	*42900	*30180	26540									

• **Boom :** 6.5m (21′ 4″) • **Arm :** 4.3 m (14′ 1″) • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 600mm(24″) triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		10.5m(35.0 ft)		At max. reach Capacity		Reach m (ft)
9.0 m	kg															*5050	4420	9.45
30.0 ft	lb															*11130	9740	(31.0)
7.5 m	kg											*2740	*2740			*4810	3510	10.42
25.0 ft	lb											*6040	*6040			*10600	7740	(34.2)
6.0 m	kg											*4460	*4460			*4700	2980	11.07
20.0 ft	lb											*9830	*9830			*10360	6570	(36.3)
4.5 m	kg									*6110	*6110	*5620	4490			*4730	2650	11.46
15.0 ft	lb									*13470	*13470	*12390	9900			*10430	5840	(37.6)
3.0 m	kg			*17000	*17000	*10840	*10840	*8410	*8410	*7160	6000	*6460	4250	*2660	*2660	4680	2480	11.63
10.0 ft	lb			*37480	*37480	*23900	*23900	*18540	*18540	*15790	13230	*14240	9370	*5860	*5860	10320	5470	(38.2)
1.5 m	kg			*13680	*13680	*14340	12850	*10300	8090	*8270	5580	*7120	4000	*2990	2920	4630	2430	11.58
5.0 ft	lb			*30160	*30160	*31610	28330	*22710	17840	*18230	12300	*15700	8820	*6590	6440	10210	5360	(38.0)
Ground	kg			*13030	*13030	*16790	11840	*11850	7500	*9250	5220	6970	3790			4770	2500	11.31
Line	lb			*28730	*28730	*37020	26100	*26120	16530	*20390	11510	15370	8360			10520	5510	(37.1)
-1.5 m	kg	*11080	*11080	*15420	*15420	*17980	11350	*12820	7140	9210	4980	6810	3650			5140	2710	10.81
-5.0 ft	lb	*24430	*24430	*34000	*34000	*39640	25020	*28260	15740	20300	10980	15010	8050			11330	5970	(35.5)
-3.0 m	kg	*14380	*14380	*19060	*19060	*18090	11210	*13120	6990	9090	4870	*6650	3610			5870	3160	10.02
-10.0 ft	lb	*31700	*31700	*42020	*42020	*39880	24710	*28920	15410	20040	10740	*14660	7960			12940	6970	(32.9)
-4.5 m	kg	*18170	*18170	*24050	*24050	*17140	11340	*12590	7040	9150	4930					*6970	4020	8.87
-15.0 ft	lb	*40060	*40060	*53020	*53020	*37790	25000	*27760	15520	20170	10870					*15370	8860	(29.1)
-6.0 m	kg	*22830	*22830	*21250	*21250	*14730	11750	*10720	7330							*6830	6040	7.15
-20.0 ft	lb	*50330	*50330	*46850	*46850	*32470	25900	*23630	16160							*15060	13320	(23.5)

• **Boom :** 6.5m (21′ 4″) • **Arm :** 3.2 m (10′ 6″) • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 800mm(31.5″) triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		At max. reach Capacity		Reach m (ft)
9.0 m	kg													*6020	*6020	7.97
30.0 ft	lb													*13270	*13270	(26.1)
7.5 m	kg									*4590	*4590			*6110	4780	9.12
25.0 ft	lb									*10120	*10120			*13470	10540	(29.9)
6.0 m	kg									*6710	*6710			*6140	3970	9.87
20.0 ft	lb									*14790	*14790			*13540	8750	(32.4)
4.5 m	kg							*8350	*8350	*7420	6460	*4490	*4490	6200	3520	10.32
15.0 ft	lb							*18410	*18410	*16360	14240	*9900	*9900	13670	7760	(33.9)
3.0 m	kg					*13690	*13690	*10100	8820	*8370	6100	*6400	4390	5890	3290	10.5
10.0 ft	lb					*30180	*30180	*22270	19440	*18450	13450	*14110	9680	12990	7250	(34.4)
1.5 m	kg					*16650	12750	*11760	8190	*9330	5750	7470	4210	5850	3240	10.45
5.0 ft	lb					*36710	28110	*25930	18060	*20570	12680	16470	9280	12900	7140	(34.3)
Ground	kg			*13060	*13060	*18210	12130	*12930	7760	9840	5480	*7120	4060	6080	3360	10.14
Line	lb			*28790	*28790	*40150	26740	*28510	17110	21690	12080	*15700	8950	13400	7410	(33.3)
-1.5 m	kg	*13680	*13680	*17490	*17490	*18550	11930	*13460	7550	9670	5340			6680	3710	9.57
-5.0 ft	lb	*30160	*30160	*38560	*38560	*40900	26300	*29670	16640	21320	11770			14730	8180	(31.4)
-3.0 m	kg	*17850	*17850	*22770	*22770	*17870	11990	*13210	7530	9670	5340			7930	4460	8.65
-10.0 ft	lb	*39350	*39350	*50200	*50200	*39400	26430	*29120	16600	21320	11770			17480	9830	(28.4)
-4.5 m	kg	*22570	*22570	*22590	*22590	*16000	12290	*11870	7730					*8000	6150	7.25
-15.0 ft	lb	*49760	*49760	*49800	*49800	*35270	27090	*26170	17040					*17640	13560	(23.8)
-6.0 m	kg					*11900	*11900									
-20.0 ft	lb					*26230	*26230									

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

Lifting capacities

Rating over-front | Rating over-side or 360 degree

• **Boom :** 6.5m (21′ 4″) • **Arm :** 3.9 m (12′ 10″) • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 800mm(31.5″) triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		At max. reach Capacity		Reach m (ft)
9.0 m	kg													*5290	5260	8.81
30.0 ft	lb													*11660	11600	(28.9)
7.5 m	kg													*5420	4120	9.85
25.0 ft	lb													*11950	9080	(32.3)
6.0 m	kg											*5890	*5890	*5590	3470	10.54
20.0 ft	lb											*12990	*12990	*12320	7650	(34.6)
4.5 m	kg											*6660	6500	5550	3090	10.95
15.0 ft	lb											*14680	14330	12240	6810	(35.9)
3.0 m	kg					*19900	*19900	*12040	*12040	*9120	8910	*7660	6100	5280	2880	11.13
10.0 ft	lb					*43870	*43870	*26540	*26540	*20110	19640	*16890	13450	11640	6350	(36.5)
1.5 m	kg					*12660	*12660	*15330	12920	*10910	8210	*8710	5700	5230	2820	11.07
5.0 ft	lb					*27910	*27910	*33800	28480	*24050	18100	*19200	12570	11530	6220	(36.3)
Ground	kg					*13680	*13680	*17420	12070	*12310	7680	*9600	5380	5400	2910	10.79
Line	lb					*30160	*30160	*38400	26610	*27140	16930	*21160	11860	11900	6420	(35.4)
-1.5 m	kg	*12590	*12590	*16830	*16830	*18250	11710	*13100	7390	9520	5180	7080	3840	5850	3170	10.26
-5.0 ft	lb	*27760	*27760	*37100	*37100	*40230	25820	*28880	16290	20990	11420	15610	8470	12900	6990	(33.7)
-3.0 m	kg	*16200	*16200	*21040	*21040	*18030	11670	*13170	7290	9450	5120			6770	3720	9.42
-10.0 ft	lb	*35710	*35710	*46390	*46390	*39750	25730	*29030	16070	20830	11290			14930	8200	(30.9)
-4.5 m	kg	*20270	*20270	*24240	*24240	*16700	11870	*12330	7400	*9270	5250			*7640	4860	8.17
-15.0 ft	lb	*44690	*44690	*53440	*53440	*36820	26170	*27180	16310	*20440	11570			*16840	10710	(26.8)
-6.0 m	kg			*19460	*19460	*13690	12360									
-20.0 ft	lb			*42900	*42900	*30180	27250									

• **Boom :** 6.5m (21′ 4″) • **Arm :** 4.3 m (14′ 1″) • **Bucket :** 1.62 m³ (2.12 yd³) SAE heaped • **Shoe :** 800mm(31.5″) triple grouser with 6,500kg (14,330 lb) CW

Load point height m(ft)		Load radius 1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		10.5m(35.0 ft)		At max. reach Capacity		Reach m (ft)
9.0 m	kg															*5050	4540	9.45
30.0 ft	lb															*11130	10010	(31.0)
7.5 m	kg												*2740	*2740		*4810	3620	10.42
25.0 ft	lb												*6040	*6040		*10600	7980	(34.2)
6.0 m	kg												*4460	*4460		*4700	3080	11.07
20.0 ft	lb												*9830	*9830		*10360	6790	(36.3)
4.5 m	kg											*6110	*6110	*5620	4620	*4730	2750	11.46
15.0 ft	lb											*13470	*13470	*12390	10190	*10430	6060	(37.6)
3.0 m	kg			*17000	*17000	*10840	*10840	*8410	*8410	*7160	6170	*6460	4380	*2660	*2660	4830	2580	11.63
10.0 ft	lb			*37480	*37480	*23900	*23900	*18540	*18540	*15790	13600	*14240	9660	*5860	*5860	10650	5690	(38.2)
1.5 m	kg			*13680	*13680	*14340	13180	*10300	8310	*8270	5740	*7120	4140	*2990	*2990	4790	2520	11.58
5.0 ft	lb			*30160	*30160	*31610	29060	*22710	18320	*18230	12650	*15700	9130	*6590	*6590	10560	5560	(38.0)
Ground	kg			*13030	*13030	*16790	12170	*11850	7720	*9250	5380	7180	3920			4930	2600	11.31
Line	lb			*28730	*28730	*37020	26830	*26120	17020	*20390	11860	15830	8640			10870	5730	(37.1)
-1.5 m	kg	*11080	*11080	*15420	*15420	*17980	11680	*12820	7360	9480	5140	7030	3780			5310	2820	10.81
-5.0 ft	lb	*24430	*24430	*34000	*34000	*39640	25750	*28260	16230	20900	11330	15500	8330			11710	6220	(35.5)
-3.0 m	kg	*14380	*14380	*19060	*19060	*18090	11540	*13120	7210	9360	5040	*6650	3750			6050	3270	10.02
-10.0 ft	lb	*31700	*31700	*42020	*42020	*39880	25440	*28920	15900	20640	11110	*14660	8270			13340	7210	(32.9)
-4.5 m	kg	*18170	*18170	*24050	*24050	*17140	11670	*12590	7250	9430	5090					*6970	4160	8.87
-15.0 ft	lb	*40060	*40060	*53020	*53020	*37790	25730	*27760	15980	20790	11220					*15370	9170	(29.1)
-6.0 m	kg	*22830	*22830	*21250	*21250	*14730	12070	*10720	7550							*6830	6220	7.15
-20.0 ft	lb	*50330	*50330	*46850	*46850	*32470	26610	*23630	16640							*15060	13710	(23.5)

• **Boom :** 8.6m (28′ 2″) • **Arm :** 5.1 m (16′ 7″) • **Bucket :** 1.46 m³ (1.90 yd³) SAE heaped • **Shoe :** 600mm(24″) triple grouser with 8,100kg (17,860 lb) CW

Load point height m(ft)		Load radius 1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		10.5m(35.0 ft)		12.0m(40.0 ft)		13.5m(45.0 ft)		At max. reach Capacity		Reach m (ft)
9.0 m	kg													*3080	*3080					*3130	2420	12.91
30.0 ft	lb													*6790	*6790					*6900	5340	(42.4)
7.5 m	kg													*3180	*3180	*2670	*2670			*3200	2020	13.61
25.0 ft	lb													*7010	*7010	*5890	*5890			*7050	4450	(44.7)
6.0 m	kg													*3450	*3450	*3400	2720			*3290	1750	14.10
20.0 ft	lb													*7610	*7610	*7500	6000			*7250	3860	(46.3)
4.5 m	kg											*4190	*4190	*3830	3550	*3630	2580			3320	1570	14.40
15.0 ft	lb											*9240	*9240	*8440	7830	*8000	5690			7320	3460	(47.2)
3.0 m	kg					*11100	*11100	*7540	*7540	*5830	*5830	*4870	4460	*4280	3290	*3910	2420	*1760	1740	3180	1460	14.53
10.0 ft	lb					*24470	*24470	*16620	*16620	*12850	*12850	*10740	9830	*9440	7250	*8620	5340	*3880	3840	7010	3220	(47.7)
1.5 m	kg					*10860	*10860	*9180	7850	*6870	5560	*5560	4080	*4750	3040	*4230	2260	*1940	1660	3140	1410	14.49
5.0 ft	lb					*23940	*23940	*20240	17310	*15150	12260	*12260	8990	*10470	6700	*9330	4980	*4280	3660	6920	3110	(47.5)
Ground	kg					*10370	*10370	*10430	7190	*7750	5100	*6180	3770	*5180	2820	4340	2120			3190	1430	14.28
Line	lb					*22860	*22860	*22990	15850	*17090	11240	*13620	8310	*11420	6220	9570	4670			7030	3150	(46.9)
-1.5 m	kg			*7950	*7950	*11690	10820	*11210	6820	*8400	4790	*6670	3540	5330	2660	4230	2020			3340	1520	13.90
-5.0 ft	lb			*17530	*17530	*25770	23850	*24710	15040	*18520	10560	*14700	7800	11750	5860	9330	4450			7360	3350	(45.6)
-3.0 m	kg	*8870	*8870	*10240	*10240	*13850	10790	*11570	6660	*8790	4630	6730	3400	5220	2570	4190	1980			3620	1700	13.31
-10.0 ft	lb	*19550	*19550	*22580	*22580	*30530	23790	*25510	14680	*19380	10210	14840	7500	11510	5670	9240	4370			7980	3750	(43.7)
-4.5 m	kg	*11060	*11060	*12770	*12770	*15780	10920	*11540	6670	*8880	4590	6690	3370	5210	2560					4100	2000	12.50
-15.0 ft	lb	*24380	*24380	*28150	*28150	*34790	24070	*25440	14700	*19580	10120	14750	7430	11490	5640					9040	4410	(41.0)
-6.0 m	kg	*13500	*13500	*15760	*15760	*14940	11200	*11120	6810	*8630	4680	6760	3440	5320	2660					*4600	2510	11.41
-20.0 ft	lb	*29760	*29760	*34740	*34740	*32940	24690	*24520	15010	*19030	10320	14900	7580	11730	5860					*10140	5530	(37.4)
-7.5 m	kg	*16400	*16400	*19240	*19240	*13480	11650	*10160	7100	*7890	4900	*6120	3660							*4700	3440	9.94
-25.0 ft	lb	*36160	*36160	*42420	*42420	*29720	25680	*22400	15650	*17390	10800	*13490	8070							*10360	7580	(32.6)
-9.0 m	kg			*15380	*15380	*11020	*11020	*8300	7610	*6130	5360											
-30.0 ft	lb			*33910	*33910	*24290	*24290	*18300	16780	*13510	11820											

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