



ROBEX 200W-7

Standard Equipment

ISO standard cab

- 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(7500 kcal/hr, 30000BTU/hr) & Defroster Self diagnostic system

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

Removable clean out screen for oil cooler

Door and cab locks, one key

Two outside rearview mirrors

Fully adjustable suspension seat with seat belt

Slidable joystick, pilot-operated

Automatic swing brake

Removable reservoir tank

Water separator & Fuel pre-filter, fuel line

Boom holding system

Arm holding system

Counterweight (3400 kg, 7500 lb)

mono boom (5.65 m, 18' 8")

Arm (2.9 m, 9' 6")

Am/Fm radio and cassette

- Radio remote switch

Console box tilting system (LH.)

Three front working light

Electric horn

Batteries (2 x 12V x 100 AH)

Battery master switch

Starting Aid(air grid heater) cold weather

Standard bucket(0.80 m³, 1.05 yd³)

Rear - blade (610 mm x 2490 mm)

Tires - dual (10.00 - 20 - 14PR)

Travel alarm

Optional Equipment

Air-conditioner (5000kcal/hr, 20000BTU/hr)

Sun visor for cabin inside

Fuel filler pump (36 ℓ /min, 9.5 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 lowering

12 volt power supply (DC-DC converter)

Electric. transducer

Various optional Arms

- short arm (2.0 m, 6' 7")
- Semi long arm (2.4 m, 7' 10")

Various optional Buckets (SAE heaped)

- Narrow bucket (0.51 m³, 0.67 yd³)
- Light duty bucket (0.87 m³, 1.14 yd³)
- Light duty bucket (0.92 m³, 1.20 yd³)
- Light duty bucket (1.20 m³, 1.57 yd³)
- Light duty bucket (1.34 m³, 1.75 yd³)
- Heavy duty bucket (0.74 m³, 0.97 yd³)
- Heavy duty bucket (0.90 m³, 1.18 yd³)
- Heavy duty bucket (1.05 m³, 1.37 yd³)
- Slope finishing bucket(0.75 m³, 0.98 yd³)
- Rock bucket(0.87 m³, 1.14 yd³)

Cabin lights

Cabin FOPS/FOG(ISO/DIS 10262)

Lower frame under cover

Pre heating system

Fuel warmer

Tool kit

Operator suit

Special cowling

- Air vent type side door

Undercarriage

- Rear outrigger
- Rear dozer and front outrigger
- Rear and front outrigger
- Rear outrigger and front dozer

Tiers - dual (10.00 - 20 solid)

Robex NEW 7 SERIES

WHEELED EXCAVATOR

200W-7

CUMMINS B5.9-C Engine :

124 kW / 166 HP

Operating Weight(STD) :

20,500 kg (45,200 lb)

Bucket Capacity, SAE :

0.51 ~ 1.34 m³(0.67 ~ 1.75 yd³)

Tier II Engine



Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine shown may vary according to International standards. All US measurement rounded off to nearest pounds or inches.

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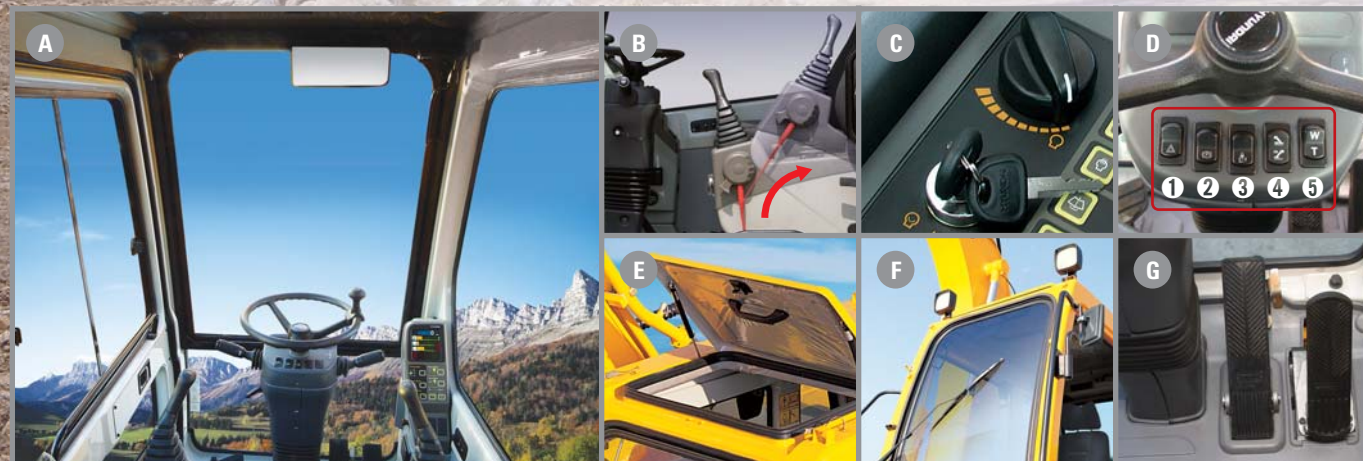
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HYUNDAI
HEAVY INDUSTRIES CO. LTD.

■ Photo may include optional equipment.

HYUNDAI Wheeled Excavator 7 Series

The ROBEX 200W-7 provides outstanding performance, working harder and faster in a variety of job conditions. Hyundai's ROBEX 7 series features a comfortable operator environment with advanced ergonomics.



A 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.

B Highly Sensitive Joystick and Easy Entrance

New joystick grips for precise control have been equipped with double switches.

C Dial Type Engine Speed Switch and Key Switch

D Front Switch Panel

① Hazard ② Parking Brake ③ Ram Lock ④ Outrigger & Dozer ⑤ Work & Travel

E Steel Cover Sunroof

F Rise-up Wiper and Cabin Lights

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

G Convenient Acceleration and Brake Pedal

■ Photo may include optional equipment

Technology in Cab Design

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.



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



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.



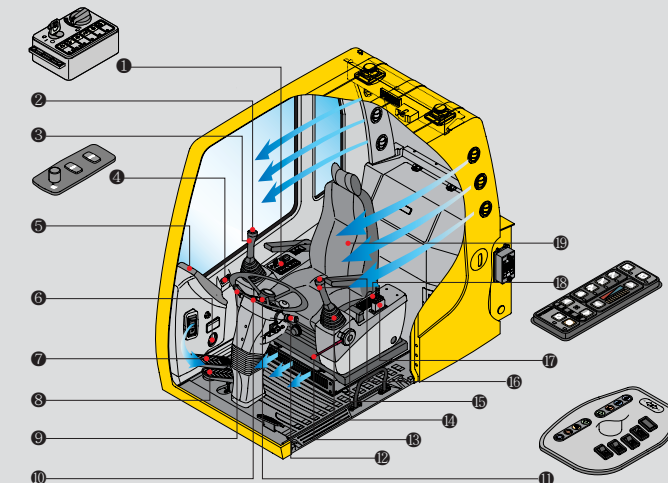
Low noise design

- The Robex 7 series 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.

Operating Environment

The best working conditions in a pleasant environment.

- 1 Switch panel(R.H)
- 2 Horn button
- 3 Option button(breaker operation)
- 4 Remote radio control
- 5 Cluster
- 6 Hour meter
- 7 Accel pedal
- 8 Breake pedal
- 9 Multi function switch(R.H)
- 10 Steering
- 11 Switch panel(Front)
- 12 Multi function switch(L.H)
- 13 Safety lever
- 14 Joystick control lever
- 15 Power Max. button
- 16 One touch decel button
- 17 Dozer blade Lever
- 18 Air conditioner and heater controller
- 19 Fully adjustable suspension seat



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.

Left	• Power boost • One touch deceleration
Right	• Horn • Optional



Deluxe Cassette and Remote Radio Control



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.



Rear Emergency Exit Window

Rear exit window is designed with easy exit for operator's safety.



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.

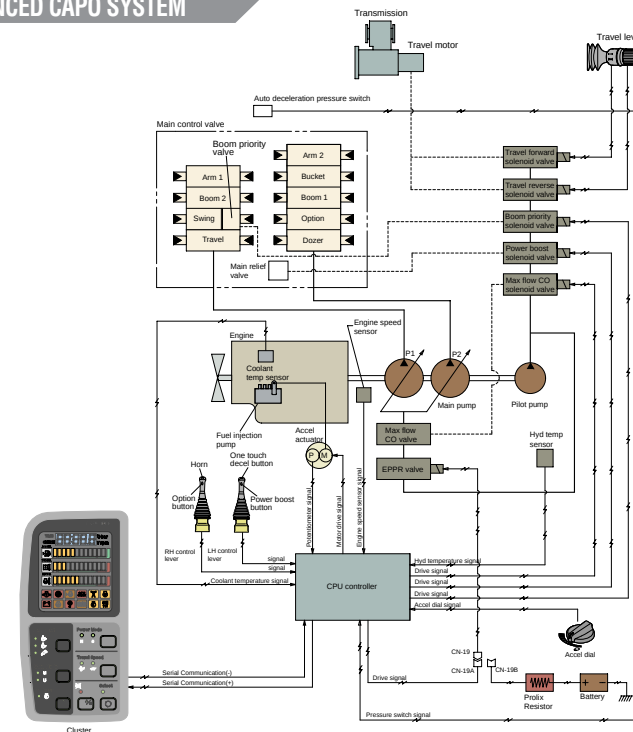


Adjustable Steering Column

Advanced Hydraulic System



ADVANCED CAPO 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.

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.

Arm Flow Regeneration System

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

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.

One Touch Decel System

When the one touch decel switch is pressed, CPU controller controls the accel actuator to reduce engine speed to 1000 rpm. And then the one touch decel switch is pressed again, the engine speed recovers.

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 1200rpm. 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.

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.

Hydraulic Damper in Travel Pedal

Improved travel controllability & feeling by shock reducing when starting and stopping.

NEW MODE CONTROL SYSTEM

POWER MODE

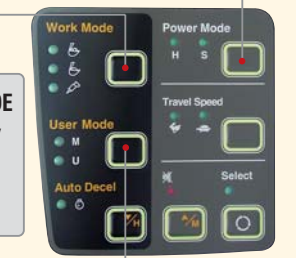
H mode : High power
S mode: Standard power

WORK MODE

Heavy duty
General
Breaker

USER MODE

M mode: Maximum Power
U mode: Memorizing Operator's Preferable Power Setting



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.



Increased Higher Performance and durability



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 protection cover for transmission.

Large Toolbox & Safe Footholds

Anti-slip footholds and wide toolbox improved safety and convenience.



Powerful Dozer Blade and Dozer Blade Cylinder Guard

Large size blade's plate and cover that protect cylinder improved efficiency of work and durability of equipment.



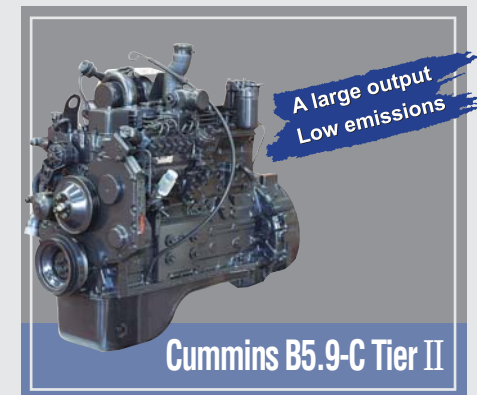
Powerful and Preciser Swing Control

Improved shock absorbing characteristics make stopping a precise and smooth action



CUMMINS B5.9-C ENGINE

The four cylinders, turbo-charged, 4 cycle, charger air cooled engine is built for power, reliability, economy and low emissions.



A More Reliable Way To Reach You Dream.

The Cummins B5.9-C engine has been designed with 40% fewer parts than the competition. That means there's less that can go wrong when you need it most. It also means fewer parts to inventory. Repairs are simplified because no special tools are needed for maintenance. The weight of the machine is reduced without sacrificing strength.

The B5.9-C engine is capable of reaching emission standards without electronic engine controls. You get a proven power plant that meets ecological concerns, without paying a premium for technology you don't need.

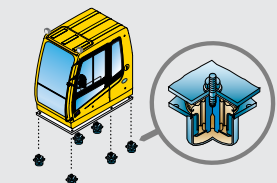
Reinforced Bucket and Bucket Linkage

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.



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.

Reliability and Serviceability



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 Change Air Cleaner Assembly

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



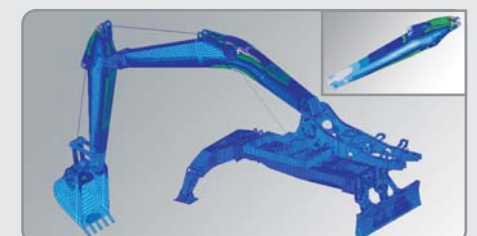
Highly Efficient Hydraulic Pump

Pump output and Hydraulic tank capacity have been increased. A pilot pump has been installed resulting in improved control sensitivity.

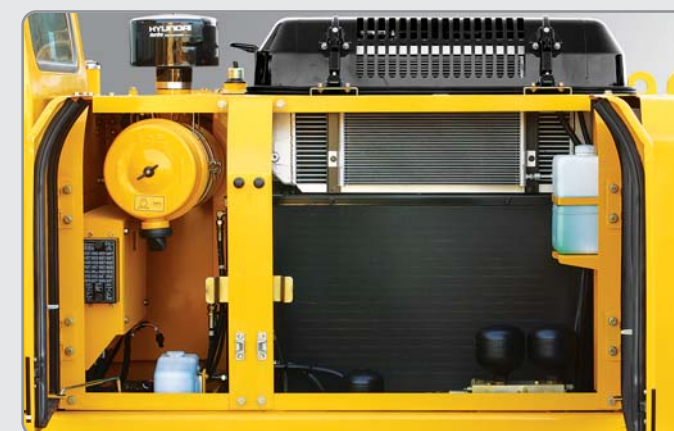


Large Capacity Fuel and Hydraulic Tank

The capacity of fuel and hydraulic tank is increased to extend the working time.



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



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 Access and Battery Master Switch

Battery and master switch on equipment forehead enable to check and maintain easily.





Engine

Model			Cummins B5.9-C
Type			Water cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, turbocharged, charge air cooled and low emission
Rated flywheel horse power	SAE	J1995 (gross)	166 HP (124 kW) at 1950 rpm
		J1349 (net)	153 HP (114 kW) at 1950 rpm
	DIN	6271/1 (gross)	168 PS (124 kW) at 1950 rpm
		6271/1 (net)	155 PS (114 kW) at 1950 rpm
Max. torque			68.4 kgf-m(495 lbf-ft) at 1500 rpm
Bore x stroke			102 x 120 mm(4.02" x 4.72")
Piston			5,880 cc (359 cu in)
Batteries			2 x 12V x 100 AH
Starting motor			Nippon denso (24 V, 4.5 kW)
Alternator			24V, 50A



Hydraulic system

Main pump	
Type	Two variable displacement piston pumps
Max. flow	2 x 220 ℓ/min (58.1 US gpm / 48.4 UKgpm)
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
Swing	Axial piston motor with automatic brake
Relief valve setting	
Implement circuits	330 kgf/cm² (4690 psi)
Travel	360 kgf/cm² (5120 psi)
Power boost (boom, arm, bucket)	360 kgf/cm² (5120 psi)
Swing circuit	240 kgf/cm² (3410 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed
Hydraulic cylinders	
No. of cylinder-bore x rod x stroke	Boom : 2-120 × 85 × 1290 mm (4.7" × 3.3" × 50.8")
	Arm : 1-140 × 100 × 1510 mm (5.5" × 3.9" × 59.4")
	Bucket : 1-125 × 85 × 1055 mm (4.9" × 3.3" × 41.5")
	Blade : 2-120 × 85 × 226 mm (4.7" × 3.3" × 8.9")
	Outrigger: 2-130 × 80 × 427 mm (5.1" × 3.1" × 16.8")



Drives & Brakes

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Max. drawbar pull	10,800 kgf (23,800 lbf)
Max. travel speed(high) / (low)	33 km/hr (20.5 mph) / 8.5 km/hr (5.3 mph)
Gradeability	31.5° (61 %)
Parking brake	Multi wet disc



Axles & Wheels

Full floating front axles is supported by center pin for oscillation. It can be locked by oscillation lock cylinders.	
Rear axle is fixed on the lower chassis	
Tires : 10.00-20-14PR, Dual (tube type), Option : 10.00-20, Dual (solid type)	



Swing system

Swing motor	Axial piston motor
Swing reduction	2-stage planetary
Swing bearing lubrication	Grease-bathed
Swing brake	Automatic, spring applied hydraulic released
Swing speed	12.5 rpm



Steering System

Hydraulically actuated, orbitrol type steering system actuates on front wheels through the steering cylinders.

Min. turning radius	6690 mm (21' 11")
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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)
Engine throttle	Electric, Dial type
External lights	Two lights mounted on the boom and one under the cabin



Coolant & Lubricant capacity

(refilling)	liter	US gal	UK gal
Fuel tank	310.0	81.9	68.2
Engine coolant	35.0	9.2	7.7
Engine oil	14.2	3.8	3.1
Swing device	5	1.3	1.1
Axle (Front/Rear)	16.0/16.0	4.2/4.2	3.5/3.5
Hydraulic system(including tank)	270.0	71.3	59.4
Hydraulic tank	180.0	47.6	39.6
Transmission	3.8	1.0	0.8



Undercarriage

Reinforced box - section frame is all-welded, low-stress. Rear dozer blade and outrigger are available. A bolt-on design. Front outrigger lug is pin-on.

Dozer blade	A very useful addition for leveling and back filling or clean-up work. Can be mounted on the rear.
Outrigger	Indicated for max. operation stability when digging and lifting. Can be mounted on the front or the rear.



Operating weight (approximate)

Operating weight, including 5.65 m (18' 6") boom, 2.90 m (9' 6") arm, PCSA heaped 0.80 m³ (1.05 yd³) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

Major component weight	
Upperstructure	8,950 kg (19,730 lb)
Counterweight	3,400 kg (7,500 lb)
Boom (with arm cylinder)	1,480 kg (3,260 lb)

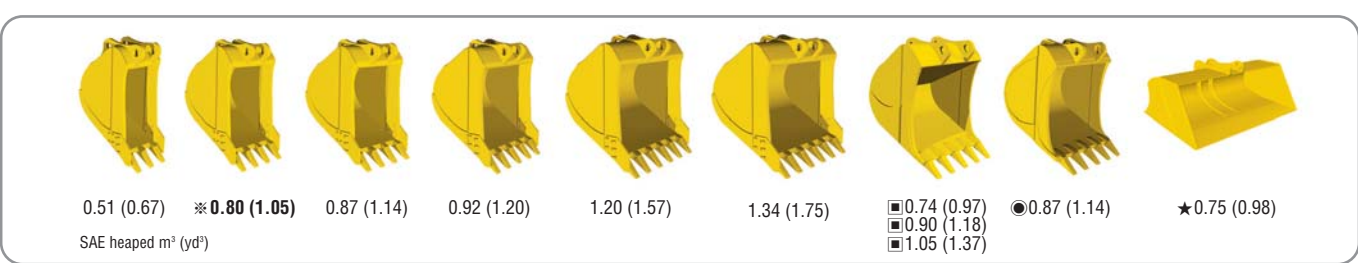
Operating weight

Undercarriage	Operating Weight kg (lb)
※ Front - outrigger+Rear-blade	20,500 (45,200)
Four outrigger	20,600 (45,400)

※ Standard equipment



Buckets



Capacity m³ (yd³)		Width mm (in)		Weight kg(lb)	Recommendation mm(ft.in)			
SAE heaped	CECE heaped	Without side cutters	With side cutters		Boom	※5650 (18' 6")		
					Arm	2000 (6' 7")	2400 (7' 10")	※2900 (9' 6")
0.51 (0.67)	0.45(0.59)	700(27.6)	820(32.3)	580(1280)		●	●	●
※0.80 (1.05)	0.70(0.92)	1000(39.4)	1120(44.1)	650(1430)		●	●	●
0.87 (1.14)	0.75(0.98)	1090(42.9)	1210(47.6)	710(1570)		●	●	●
0.92 (1.20)	0.80(1.05)	1130(44.5)	1250(49.2)	710(1570)		●	●	■
1.20 (1.57)	1.00(1.31)	1400(55.1)	-	840(1850)		■	▲	—
1.34 (1.75)	1.15(1.50)	1550(61.0)	-	900(1980)		▲	▲	—
▣0.74 (0.97)	0.65(0.85)	915(36.0)	-	750(1650)		●	●	●
▣0.90 (1.18)	0.80(1.05)	1070(42.1)	-	790(1740)		●	●	■
▣1.05 (1.37)	0.92(1.20)	1220(48.0)	-	870(1920)		■	▲	—
●0.87 (1.14)	0.75(0.98)	1140(44.9)	-	860(1900)		●	●	■
★0.75 (0.98)	0.65(0.85)	1810(71.3)	-	880(1940)		●	●	■

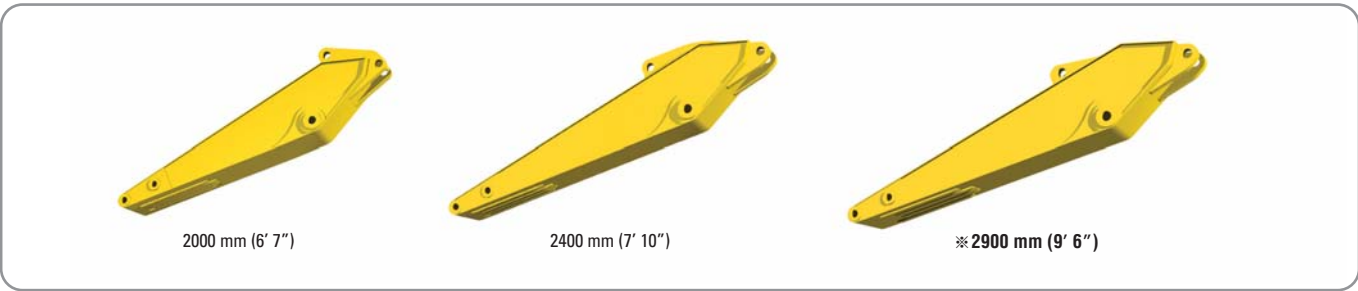
※ : Standard backhoe bucket
■ : Heavy-duty
● : Rock bucket-Heavy
★ : Slope finishing bucket

● : Applicable for materials with density of 2000 kg / m³ (3370 lb/ yd³) or less
■ : Applicable for materials with density of 1600 kg / m³ (2700 lb/ yd³) or less
▲ : Applicable for materials with density of 1100 kg / m³ (1850 lb/ yd³) or less



Arms

Boom and arms are of all-welded, low-stress, full-box section design. 5650 mm(18' 6") mono boom and 2000 mm(6' 7"), 2400 mm(7' 10"), 2900 mm(9' 6") arms are available. Buckets are all-welded, high-strength steel implements.



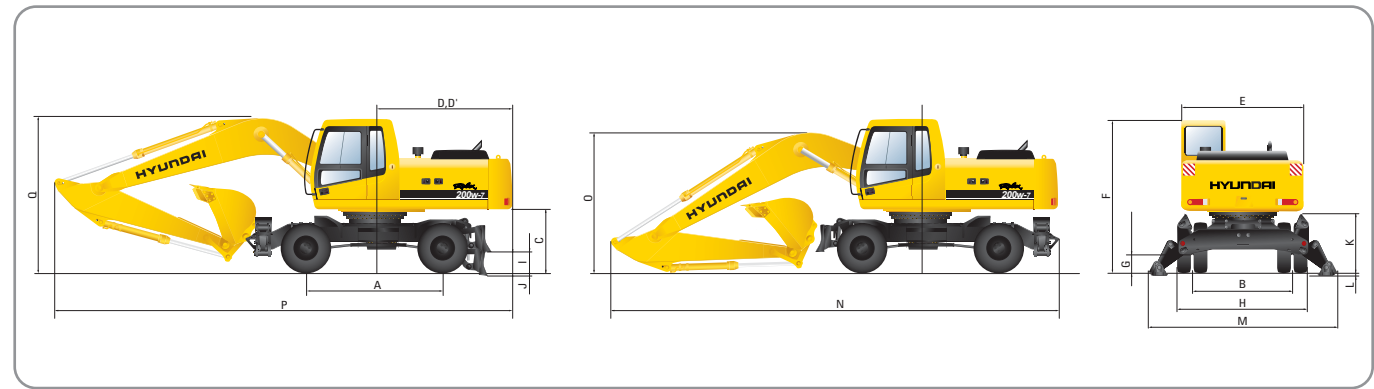
Digging force

Arm	Length	mm(ft.in)	2000 (6' 7")	2400 (7' 10")	※2900 (9' 6")	Remark
	Weight	kg(lb)	860 (1890)	950 (2090)	990 (2180)	
Bucket digging force	SAE	kN kgf lbf	133.4 [145.5] 13600 [14840] 29980 [32710]	133.4 [145.5] 13600 [14840] 29980 [32710]	133.4 [145.5] 13600 [14840] 29980 [32710]	[]: Power Boost
	ISO	kN kgf lbf	152.0 [165.8] 15500 [16910] 34170 [37280]	152.0 [165.8] 15500 [16910] 34170 [37280]	152.0 [165.8] 15500 [16910] 34170 [37280]	
Arm crowd force	SAE	kN kgf lbf	135.3 [147.6] 13800 [15050] 30420 [33190]	112.8 [123.1] 11500 [12550] 25350 [27650]	97.1 [105.9] 10020 [10930] 21830 [23810]	
	ISO	kN kgf lbf	142.2 [155.1] 14500 [15820] 31970 [34880]	117.7 [128.4] 12000 [13090] 26460 [28870]	101.0 [110.2] 10300 [11240] 22710 [24770]	

Note : Arm weight including bucket cylinder and linkage.

※ Standard arm

Dimensions

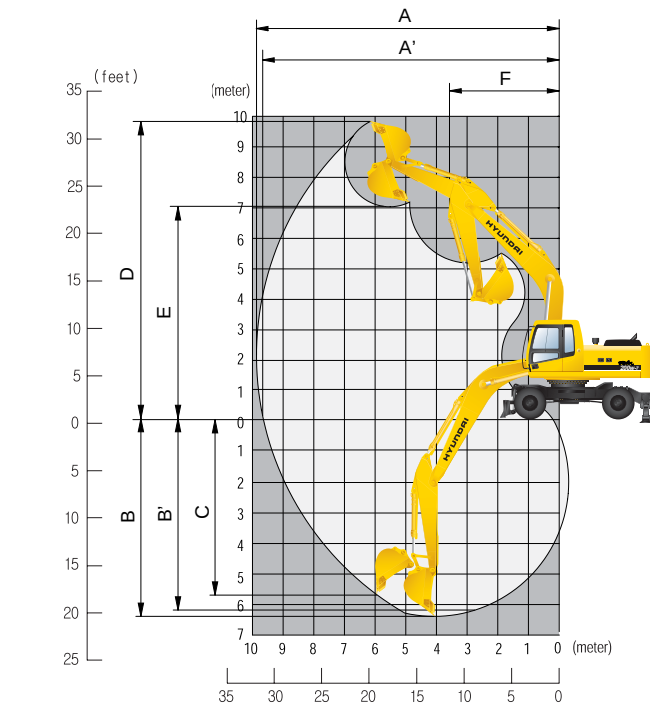


mm (ft · in)		
A	Wheel base	2800(9' 2")
B	Tread	1874(6' 2")
C	Ground clearance of counterweight	1305(4' 3")
D	Tail swing radius	2800(9' 2")
D'	Rear-end length	2765(9' 1")
E	Overall width of upperstructure	2530(8' 4")
F	Overall height of cap	3180(10' 5")
G	Min. ground clearance	345(1' 2")
H	Overall width of lower structure	2490(8' 2")
I	Ground clearance of blade up	445(1' 6")
J	Depth of blade down	125(4.9")
J	Height of blade	610(2' 0")
	Width of blade	2490(8' 2")
K	Ground clearance of outrigger up	1220(4' 0")
L	Depth of outrigger down	120(4.7")
M	Overall width of outrigger	3770(12' 4")

mm (ft · in)				
	Boom length	※5650 (18' 8")		
	Arm length	2000 (6' 7")	2400 (7' 10")	※2900 (9' 6")
N	Shipping length of boom	9610 (31' 6")	9510 (31' 2")	9520 (31' 3")
O	Shipping height of boom	3360 (11' 10")	3250 (10' 8")	3410 (11' 2")
P	Traveling length of boom	9620 (31' 7")	9540 (31' 4")	9520 (31' 3")
Q	Traveling height of boom	3540 (11' 7")	3540 (11' 7")	3410 (11' 2")

※ Standard Equipment

Working ranges



mm (ft · in)				
	Boom length	※5650 (18' 8")		
	Arm length	2000 (6' 7")	2400 (7' 10")	※2900 (9' 6")
A	Max. digging reach	9110 (29' 11")	9480 (31' 1")	9900 (32' 6")
A'	Max. digging reach on ground	8870 (29' 1")	9260 (30' 5")	9690 (31' 9")
B	Max. digging depth	5480 (18' 0")	5880 (19' 3")	6380 (20' 11")
B'	Max. digging depth (8' level)	5240 (17' 2")	5670 (18' 7")	6210 (20' 4")
C	Max. vertical wall digging depth	4970 (16' 4")	5440 (17' 10")	5810 (19' 1")
D	Max. digging height	9500 (31' 2")	9730 (31' 11")	9870 (32' 5")
E	Max. dumping height	6670 (21' 11")	6900 (22' 8")	7050 (23' 2")
F	Min. swing radius	3700 (12' 2")	3620 (11' 11")	3540 (11' 7")

※ Standard Equipment

Lifting capacities

Rating over-front Rating over-side or 360 degree

• Boom : 5.65m (18' 6") • Arm : 2.00 m (6' 7") • Bucket : 0.80m³ (1.05yd³) SAE heaped • With 4 outrigger down

Load point height m(ft)		Load radius								At max. reach		
		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		Capacity		Reach
												m (ft)
7.5 m 25.0 ft	kg lb									*3810 *8400	*3810 *8400	6.85 (22.5)
6.0 m 20.0 ft	kg lb					*4230 *9330	*4230 *9330			*3890 *8580	*3890 *8580	7.89 (25.9)
4.5 m 15.0 ft	kg lb	*8260 *18210	*8260 *18210	*5650 *12460	*5650 *12460	*4710 *10380	*4710 *10380			*4020 *8860	3370 7430	8.48 (27.8)
3.0 m 10.0 ft	kg lb			*7340 *16180	*7340 *16180	*5450 *12020	*5450 *12020	*4650 *10250	4020 8860	*4190 *9240	3150 6940	8.73 (28.6)
1.5 m 5.0 ft	kg lb			*8700 *19180	*8700 *19180	*6180 *13620	5580 12300	*4980 *10980	3920 8640	*4370 *9630	3140 6920	8.67 (28.4)
Ground Line	kg lb			*9260 *20410	8680 19140	*6620 *14590	5440 11990			*4570 *10080	3350 7390	8.30 (27.2)
-1.5 m -5.0 ft	kg lb	*13240 *29190	*13240 *29190	*9110 *20080	8680 19140	*6630 *14620	5420 11950			*4710 *10380	3920 8640	7.57 (24.8)
-3.0 m -10.0 ft	kg lb	*11640 *25660	*11640 *25660	*8210 *18100	*8210 *18100					*4620 *10190	*4620 *10190	6.30 (20.7)

• Boom : 5.65m (18' 6") • Arm : 2.00 m (6' 7") • Bucket : 0.80m³ (1.05yd³) SAE heaped • With front outrigger and rear dozer blade down.

Load point height m(ft)		Load radius								At max. reach		
		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		Capacity		Reach
												m (ft)
7.5 m 25.0 ft	kg lb									*3830 *8440	*3830 *8440	6.85 (22.5)
6.0 m 20.0 ft	kg lb					*4260 *9390	*4260 *9390			*3910 *8620	3230 7120	7.89 (25.9)
4.5 m 15.0 ft	kg lb	*8320 *18340	*8320 *18340	*5680 *12520	*5680 *12520	*4730 *10430	*4730 *10430			*4030 *8880	2770 6110	8.48 (27.8)
3.0 m 10.0 ft	kg lb			*7370 *16250	*7370 *16250	*5480 *12080	4760 10490	*4670 *10300	3300 7280	*4190 *9240	2570 5670	8.73 (28.6)
1.5 m 5.0 ft	kg lb			*8720 *19220	7060 15560	*6190 *13650	4540 10010	*4990 *11000	3200 7050	*4380 *9660	2550 5620	8.67 (28.4)
Ground Line	kg lb			*9260 *20410	6880 15170	*6630 *14620	4400 9700			*4560 *10050	2730 6020	8.30 (27.2)
-1.5 m -5.0 ft	kg lb	*13190 *29080	*13190 *29080	*9100 *20060	6880 15170	*6620 *14590	4380 9660			*4700 *10360	3200 7050	7.57 (24.8)
-3.0 m -10.0 ft	kg lb	*11570 *25510	*11570 *25510	*8170 *18010	7020 15480					*4580 *10100	4390 9680	6.30 (20.7)

- NOTES
- Lifting capacity are based on SAE J1097, ISO 10567.
 - 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.
 - The load point is a hook (standard equipment) located on the back of the bucket.
 - (*) indicates load limited by hydraulic capacity.

 Lifting capacities

• **Boom** : 5.65m (18' 6") • **Arm** : 2.4 m (7' 10") • **Bucket** : 0.80m³ (1.05yd³) SAE heaped • With 4 outrigger down

Load point height m(ft)				Load radius								At max. reach	
		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)		Capacity	
													
7.5 m 25.0 ft	kg lb											*3520 *7760	*3520 *7760
6.0 m 20.0 ft	kg lb							*3830 *8440	*3830 *8440			*3610 *7960	3570 7870
4.5 m 15.0 ft	kg lb					*5090 *11220	*5090 *11220	*4350 *9590	*4350 *9590	*4050 *8930	*4050 *8930	*3740 *8250	3110 6860
3.0 m 10.0 ft	kg lb					*6790 *14970	*6790 *14970	*5130 *11310	*5130 *11310	*4390 *9680	4020 8860	*3900 *8600	2910 6420
1.5 m 5.0 ft	kg lb					*8290 *18280	*8290 *18280	*5920 *13050	5580 12300	*4790 *10560	3900 8600	*4090 *9020	2900 6390
Ground Line	kg lb			*9300 *20500	*9300 *20500	*9080 *20020	8630 19030	*6460 *14240	5410 11930	*5070 *11180	3810 8400	*4290 *9460	3070 6770
-1.5 m -5.0 ft	kg lb	*10060 *22180	*10060 *22180	*13750 *30310	*13750 *30310	*9140 *20150	8580 18920	*6610 *14570	5350 11790			*4460 *9830	3530 7780
-3.0 m -10.0 ft	kg lb	*14300 *31530	*14300 *31530	*12340 *27210	*12340 *27210	*8490 *18720	*8490 *18720	*6120 *13490	5420 11950			*4500 *9920	*4500 *9920
-4.5 m -15.0 ft	kg lb			*9540 *21030	*9540 *21030	*6550 *14440	*6550 *14440						

• **Boom** : 5.65m (18' 6") • **Arm** : 2.4 m (7' 10") • **Bucket** : 0.80m³ (1.05yd³) SAE heaped • With front outrigger and rear dozer blade down.

Load point height m(ft)				Load radius								At max. reach	
		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)		Capacity	
													
7.5 m 25.0 ft	kg lb											*3520 *7760	*3520 *7760
6.0 m 20.0 ft	kg lb							*3830 *8440	*3830 *8440			*3610 *7960	2940 6480
4.5 m 15.0 ft	kg lb					*5090 *11220	*5090 *11220	*4350 *9590	*4350 *9590	*4050 *8930	3410 7520	*3740 *8250	2550 5620
3.0 m 10.0 ft	kg lb					*6790 *14970	*6790 *14970	*5130 *11310	4780 10540	*4390 *9680	3290 7250	*3900 *8600	2370 5220
1.5 m 5.0 ft	kg lb					*8290 *18280	7080 15610	*5920 *13050	4530 9990	*4790 *10560	3170 6990	*4090 *9020	2350 5180
Ground Line	kg lb			*9300 *20500	*9300 *20500	*9080 *20020	6830 15060	*6460 *14240	4370 9630	*5070 *11180	3090 6810	*4290 *9460	2490 5490
-1.5 m -5.0 ft	kg lb	*10060 *22180	*10060 *22180	*13750 *30310	*13750 *30310	*9140 *20150	6790 14970	*6610 *14570	4310 9500			*4460 *9830	2880 6350
-3.0 m -10.0 ft	kg lb	*14300 *31530	*14300 *31530	*12340 *27210	*12340 *27210	*8490 *18720	6890 15190	*6120 *13490	4380 9660			*4500 *9920	3790 8360
-4.5 m -15.0 ft	kg lb			*9540 *21030	*9450 *21030	*6550 *14440	*6550 *14440						

NOTES 1. Lifting capacity are 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

 Lifting capacities

• **Boom** : 5.65m (18' 6") • **Arm** : 2.9 m (9' 6") • **Bucket** : 0.80m³ (1.05yd³) SAE heaped • With 4 outrigger down

Load point height m(ft)				Load radius								At max. reach	
		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)		Capacity	
													
9.0 m 30 ft	kg lb											*3120 *6880	*3120 *6880
7.5 m 25.0 ft	kg lb											*3180 *7010	*3180 *7010
6.0 m 20.0 ft	kg lb							*3370 *7430	*3370 *7430	*2400 *5290	*2400 *5290	*3290 *7250	3240 7140
4.5 m 15.0 ft	kg lb							*3920 *8640	*3920 *8640	*3690 *8140	*3690 *8140	*3430 *7560	2850 6280
3.0 m 10.0 ft	kg lb			*10160 *22400	*10160 *22400	*6150 *13560	*6150 *13560	*4750 *10470	*4750 *10470	*4090 *9020	4050 8930	*3600 *7940	2680 5910
1.5 m 5.0 ft	kg lb			*8440 *18610	*8440 *18610	*7810 *17220	*7810 *17220	*5610 *12370	5610 12370	*4550 *10030	3900 8600	*3790 *8360	2650 5840
Ground Line	kg lb			*9800 *21610	*9800 *21610	*8830 *19470	8640 19050	*6260 *13800	5400 11900	*4920 *10850	3790 8360	*3990 *8800	2790 6150
-1.5 m -5.0 ft	kg lb	*9190 *20260	*9190 *20260	*12890 *28420	*12890 *28420	*9140 *20150	8520 18780	*6560 *14460	5300 11680	*5050 *11130	3740 8250	*4200 *9260	3150 6940
-3.0 m -10.0 ft	kg lb	*12400 *27340	*12400 *27340	*13070 *28810	*13070 *28810	*8760 *19310	8570 18890	*6340 *13980	5320 11730			*4360 *9610	3960 8730
-4.5 m -15.0 ft	kg lb			*10830 *23880	*10830 *23880	*7410 *16340	*7410 *16340						

• **Boom** : 5.65m (18' 6") • **Arm** : 2.9 m (9' 6") • **Bucket** : 0.80m³ (1.05yd³) SAE heaped • With front outrigger and rear dozer blade down.

Load point height m(ft)				Load radius								At max. reach	
		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)		Capacity	
													
9.0 m 30 ft	kg lb											*3130 *6900	*3130 *6900
7.5 m 25.0 ft	kg lb											*3200 *7050	*3200 *7050
6.0 m 20.0 ft	kg lb							*3370 *7430	*3370 *7430	*2290 *5050	*2290 *5050	*3310 *7300	2680 5910
4.5 m 15.0 ft	kg lb							*3920 *8640	*3920 *8640	*3700 *8160	3460 7630	*3450 *7610	2340 5160
3.0 m 10.0 ft	kg lb			*10070 *22200	*10070 *22200	*6130 *13510	*6130 *13510	*4750 *10470	*4750 *10470	*4100 *9040	3320 7320	*3610 *7960	2180 4810
1.5 m 5.0 ft	kg lb			*8690 *19160	*8690 *19160	*7800 *17200	7180 15830	*5610 *12370	4560 10050	*4560 *10050	3180 7010	*3800 *8380	2160 4760
Ground Line	kg lb			*9950 *21940	*9950 *21940	*8830 *19470	6850 15100	*6270 *13820	4360 9610	*4930 *10870	3070 6770	*4010 *8840	2270 5000
-1.5 m -5.0 ft	kg lb	*9250 *20390	*9250 *20390	*13040 *28750	*13040 *28750	*9150 *20170	6740 14860	*6560 *14460	4270 9410	*5050 *11130	3030 6680	*4230 *9330	2580 5690
-3.0 m -10.0 ft	kg lb	*12490 *27540	*12490 *27540	*13090 *28860	*13090 *28860	*8770 *19330	6780 14950	*6340 *13980	4290 9460			*4390 *9680	3260 7190
-4.5 m -15.0 ft	kg lb			*10820 *23850	*10820 *23850	*7400 *16310	7000 15430						

NOTES 1. Lifting capacity are 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.
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