

### Standard Equipment

#### ISO standard cabin

- All-weather steel cab with all-around visibility
- Safety glass windows
- Rise-up type windshield wiper
- Sliding fold-in front window
- Sliding side window
- Lockable door
- Accessory box & Ashtray

#### Computer Aided Power Optimization (New CAPO) system

- 3-power mode, 2-work mode
- One touch deceleration system
- Auto deceleration system
- Auto overheat prevention system

#### Self diagnostic system Centralized monitoring

- LCD display
- Engine speed
- Clock & Error code
- Gauges
- Fuel level gauge
- Engine coolant temperature gauge
- Hydraulic oil temperature gauge
- Warning
- Fuel level
- CPU
- Engine oil pressure
- Engine coolant temperature
- Hydraulic oil temperature
- Low battery
- Air cleaner clogging
- Indicator
- One touch decel

#### Tool kit

- Door and cab locks, one key
- One outside rearview mirror
- Fully adjustable suspension seat
- Slidable joystick, pilot-operated
- 2 front working lights
- Electric horn
- Batteries (2 x 12V x 72 AH)
- Battery master switch
- Removable clean out screen for oil cooler
- Automatic swing brake
- Removable reservoir tank
- Fuel pre-filter
- Boom holding system
- Arm holding system
- Counterweight (1,900kg)
- Mono boom (4.6m, 15' 1")
- Arm (2.5m, 8' 2")
- Standard bucket (0.65m<sup>3</sup>, 0.85yd<sup>3</sup>)
- Track shoes (600mm)
- Track rail guard
- Operator kit
- FM radio
- Cabin lights

### Optional Equipment

- Sun visor for cabin inside
- Beacon lamp
- Single acting piping kit
- Various optional arms
  - Arm(2.1m, 6' 11")
- Various optional buckets (SAE heaped)
  - Bucket(0.72m<sup>3</sup>, 0.93yd<sup>3</sup>)
- Air-conditioner (5,000 kcal/hr, 20,000 BTU/hr)
- Hi MATE(Remote Management System)
- Travel Alarm
- Fuel Filler Pump
- Track shoes
  - Triple grousers shoe (500mm, 20")
- 12 volt power outlet (24V DC to 12V DC converter)

\* 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.



# R140LS

## ▲ HYUNDAI CONSTRUCTION EQUIPMENT

#### Head Office(Sales Office)

3F, Bundang First Tower, 55 Bundang-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 13591, Korea

#### Americas Operation : Hyundai Construction Equipment Americas, Inc.

6100 Atlantic Boulevard Norcross Ga 30071 U.S.A  
TEL (1) 847-678-823-7802 FAX (1) 847-678-823-7778

#### Europe Operation : Hyundai Construction Equipment Europe N.V.

Hyundailaan 4,  
3980 Tessenderlo, Belgium  
TEL (32) 14-56-2200 FAX (32) 14-59-3405

#### PLEASE CONTACT

## MOVING YOU FURTHER

# R140LS



\*Photo may include optional equipment.

**Engine Rated Power**  
105 HP (78 kW) @2,200 rpm

**Operating Weight**  
13,980 kg

**Bucket Capacity**  
0.65 / 0.72 m<sup>3</sup>

# BUILT FOR MAXIMUM POWER, PERFORMANCE, AND RELIABILITY.

A new chapter in construction equipment has begun.



\*Photo may include optional equipment.

# RELIABILITY & MAINTENANCE

## Lubrication Fittings

All lube fittings are centralized and in close proximity to each other for easy service.



## Easy to Maintain Engine Components

The cooling and pre-heating systems are designed for optimal and immediate operation, guaranteeing longer engine and hydraulic components life. Servicing the engine and the hydraulics has been considerably simplified due to accessibility.



## Hi MATE (Remote Management System)

Hi MATE, Hyundai's proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi MATE saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

## Track Rail Guard & Adjusters

Durable track rail guards keep track links in place. Track adjustment is made easy with standard grease cylinder track adjusters and shock absorbing springs.



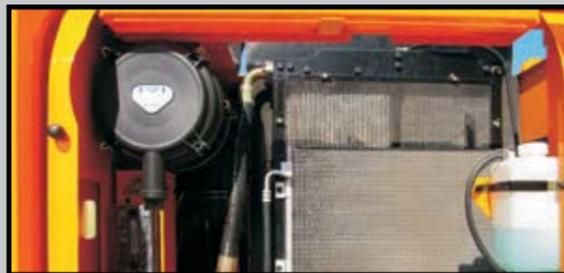
## Hyundai HM4.2 Engine

The four cylinder, turbocharged, water cooled diesel engine built for heavy operation, maximum economy & reliability. The power units are produced to meet the high precision and quality standards.



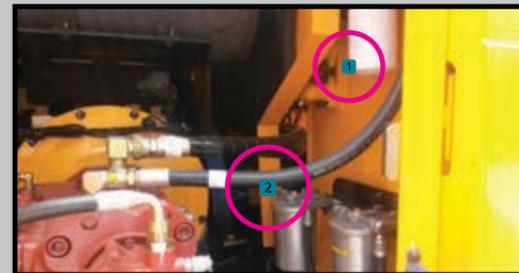
## User Advantages:

- Lower fuel and lube oil consumption as compared with other engines in this class
- Low operating cost as compared to other engines in its class
- All maintenance points like fuel pump, fuel lift pump, lube oil, dipstick fuel and lube oil filters on one side for easy maintenance



## Side Cover Lockable & Swing Open Type

Unrestricted access to vital components allows easy maintenance and repair.



## Filter with Extended Exchange Interval

- 1 Drain Filter(1,000hr) 2 Fuel Pre-Filter(500hr)



## Strong and Stable Lower Frame

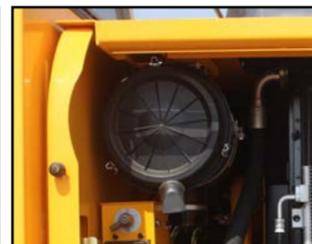
The reinforced box-section frame is welded using low-stress, high-strength steel. The X-leg type center frame is integrally welded for maximum strength and durability.



- 1 Reinforced Bucket and Bucket Linkage. Sealed and adjustable bucket linkage produces less wear of pins and bushes and offers silent operation  
2 Dial-Type Engine Speed Switch controls engine speed as per operators demand  
3 Power Boost Control System, 10% more powerful



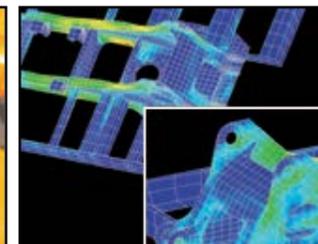
## Easy to Access Electric Box



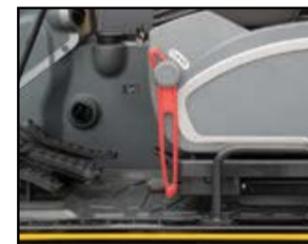
## Easy to Change Air Cleaner Element



## Large Compartment for Extra Storage



## Structure Durability Proven via FEM (Finite Element Method) Analysis and Long-Term Durability Tests



## Safety Lever



## Anti Restart System



## Anti-Slip Plates

# NEWLY DESIGNED HYDRAULIC SYSTEM

Powerful and precise swing control

## Advanced CAPO System

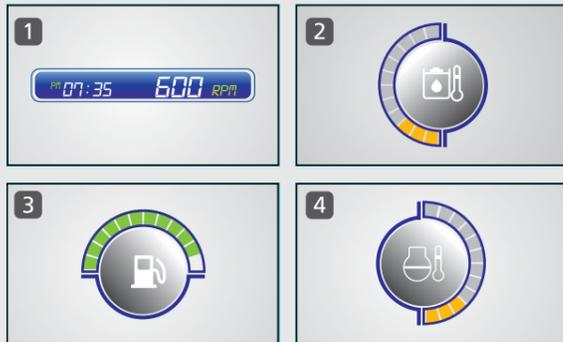
The advanced CAPO (Computer Aided Power Optimization) system tunes engine and pump power to optimum levels. Multiple mode selections are available for various work loads, maintaining high performance while reducing fuel consumption. Features include auto deceleration and power boost. The system monitors engine speed, coolant and hydraulic oil temperature. Contained within the system are self-diagnostic capabilities which display error codes on the monitor.

## Intelligent Display

The instrument Panel is installed in front of RH console box, making it easy to check all critical systems via easy-to-read indicators.

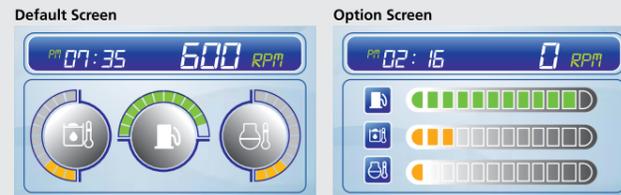


## LCD main operating display

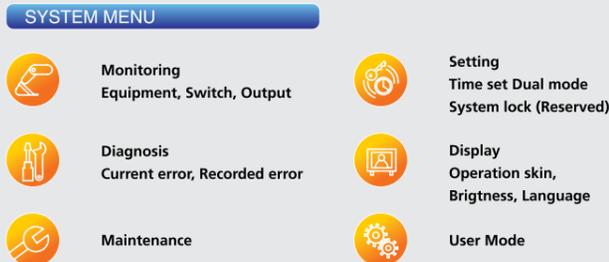


- 1 Time & RPM Display
- 2 Hydraulic Oil Temperature Gauge
- 3 Fuel Level Gauge
- 4 Engine Coolant Temperature Gauge

## Choice of main screen display



## Menu information



## Optimum Hydraulic Performance

The pump output capacity has been increased.

## Auto Deceleration System

When the remote-control valves are in the neutral position for more than 4 seconds, the MCU instructs throttle mechanism to reduce engine speed. This decreases fuel consumption and reduces cab noise levels.

## Boom & Arm Holding System

The holding valves in the main control valve prevent boom & arm lowering during an extended period in the neutral position.

## Boom & Arm Flow Regeneration System

The flow regeneration valve provides smooth and fast operation without cylinder cavitation.

## Hydraulically Damped Travel Pedal

Improved travel controllability & smoother travel has been achieved via shock reducing components.

## Pump Flow Control System

When in neutral, the pump flow is minimized to reduce power loss. During operation, maximum pump flow is delivered to the actuator to increase speed. Movement of the control lever automatically adjusts pump flow, with cylinder speed controlled proportionally.

## Power Boost Control System

In power mode, the digging force increases about 10%.

## One-Touch Deceleration System

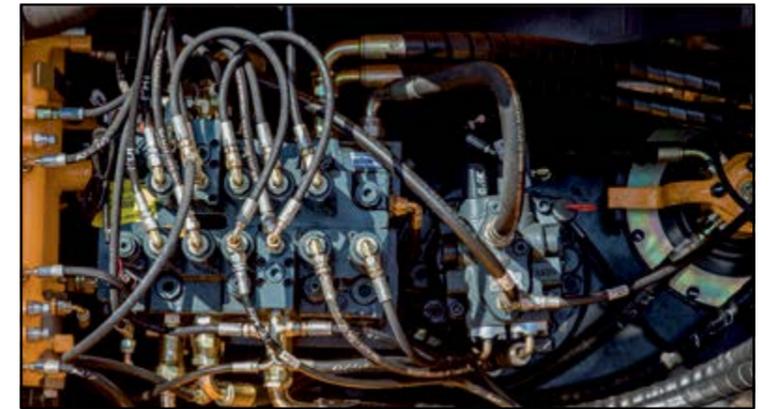
When the one-touch deceleration switch is engaged, the MCU limits the engine speed. When the one-touch deceleration switch is disengaged, the engine speed recovers to its preset rpm.

## Self-Diagnostics System

The MCU diagnoses problems in the CAPO system caused by electric and hydraulic malfunctions and displays the corresponding displayed on the cluster LCD monitor errorcodes. The information via this device, including engine rpm, main pump delivery pressure, battery voltage, hydraulic temperature and the status of electric switches, allows the operator to know the exact operating conditions of the machine. This makes it easier to troubleshoot any problems that occur.

## Attachment Flow Control System

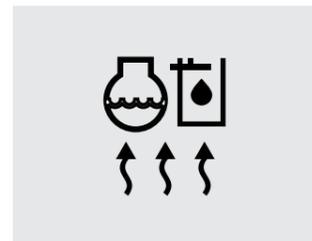
Attachment mode provides adequate hydraulic pump flow to each work tool, preventing excess flow and ensuring the regular performance.



# WARNING OF MAIN OPERATIONS SCREEN



Automatic Engine Overheat Prevention



Automatic Warm-Up System



Engine Coolant Temperature



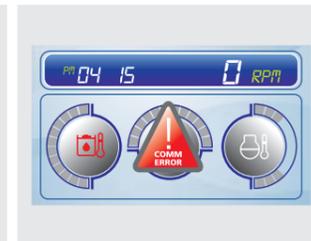
Fuel Level



Hydraulic Oil Temperature



All Gauge



Communication Error



Two speed travel

# CABIN DESIGN TECHNOLOGY

The ideal designed cabin offers low noise operation and increased visibility, providing a pleasant working environment for the operator.

## Ergonomic Joystick

Convenient joystick grips offering precise control are equipped with 4 switches.



## 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



\*Photo may include optional equipment.



1 Power Socket for Mobile Charger



2 MP3 / USB Player with remote



3 Ash Tray



4 Bottle Stand



Smooth Travel Pedal and Footrest



Sunroof with Hinged Cover



Over Centre One Touch Locking System



Water / Dust Proof Electric Connector & Wiring Harness



Centralised Electric Box for Single Point Trouble Shooting

# IMPROVED PERFORMANCE & SAFETY FEATURES



\*Photo may include optional equipment.



\*Photo may include optional equipment.



HVAC Unit

## Enhanced Air Conditioning System

- Subcool Type System
- Variable Displacement
- Piston Type Compressor

**\*Extended Hydraulic Filter Life**  
Filters with extended exchange intervals  
(250hr → 1,000 hr, Fiber glass)



**\*Extended Hydraulic Oil Life**  
(2,000hr → 5,000hr, Increase Protection From  
Oxidization & shear stability)

**\*Applicable with Hyundai Genuine oil & parts**



# SPECIFICATIONS

## ENGINE

Model	HYUNDAI HM4.2		
Type	4 cylinder in line, Water cooled, DI turbocharged		
Gross	ISO 3046	105hp (78kw) @ 2,200rpm	
Net		97hp (72kw) @ 2,200rpm	
Max. Torque	37.5 kgf.m (271 lbf.ft) @ 1,500rpm		
Batteries	2 x 12v		
Piston Displacement	4,160cc		

## HYDRAULIC SYSTEM

### MAIN PUMP

Type	Two variable displacement piston pumps		
Rated flow	2 x 130 l/min (34.3 US gpm/ 28.6 UK gpm)		
Sub-pump for pilot circuit	Gear pump		

Cross-sensing & fuel saving pump system

### HYDRAULIC MOTORS

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

### RELIEF VALVE SETTINGS

Implement circuits	350 kgf/cm <sup>2</sup> (4,978 psi)		
Travel	350 kgf/cm <sup>2</sup> (4,978 psi)		
Power boost (boom, arm, bucket)	380kgf/cm <sup>2</sup> (5,400 psi)		
Swing circuit	285 kgf/cm <sup>2</sup> (4,054 psi)		
Pilot circuit	40 kgf/cm <sup>2</sup> (568 psi)		
Service valve	Installed		

### HYDRAULIC CYLINDERS

No. of cylinder bore x stroke	Boom: 2-105 x 1,075 mm (4.1"x 42.3")		
	Arm: 1-115 x 1,138 mm (4.5"x 44.8")		
	Bucket: 1-100 x 837 mm (3.9"x 33")		

## DRIVE & BRAKES

Drive method	Fully hydrostatic type		
Drive motor	Axial piston motor, in-shoe design		
Reduction system	Planetary reduction gear		
Max. drawbar pull	13,300 kgf (29,320 lbf)		
Max. travel speed (high) / (low)	5.5 kmph (3.4mph) / 3.2 kmph (2.0mph)		
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 (ISO)	Two joysticks with one safety lever (LH): Swing and Arm, (RH): Boom and bucket		
Traveling and steering	Two levers with pedals		
Engine throttle	Electric, Dial type		
Lights	1 x Boom, 1 x Toolbox, 1 x Cabin Frame, 2 x Cabin Top		

## SWING SYSTEM

Swing motor	Axial piston motor		
Swing reduction	Planetary gear reduction		
Swing bearing lubrication	Grease bathed		
Swing brake	Multi wet disc		
Swing speed	12.0 rpm		

## COOLANT & LUBRICANT CAPACITY

Refilling	liter	US gal	UK gal
Fuel tank	270	71.3	59.4
Engine coolant	15.5	4.1	3.4
Engine oil	11.5	3.04	2.5
Swing device	2.5	0.66	0.55
Final drive (each)	3.0	0.79	0.66
Hydraulic system (Including tank )	210	55.5	46.2
Final drive (each)	124	32.8	27.3

## UNDERCARRIAGE

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

Center frame	X -leg type		
Track frame	Pentagonal box type		
No. of shoes on each side	46		
No. of carrier roller on each side	1		
No. of track roller on each side	7		
No. of rail guard on each side	1		

## WEIGHT DISTRIBUTION

Operating weight, including 4,600mm (15' 1") boom, 2,500mm(8'2") arm, SAE heaped 0.65m<sup>3</sup> bucket, lubricant, coolant, full fuel tank, and all standard equipment.

### MAJOR COMPONENT WEIGHT

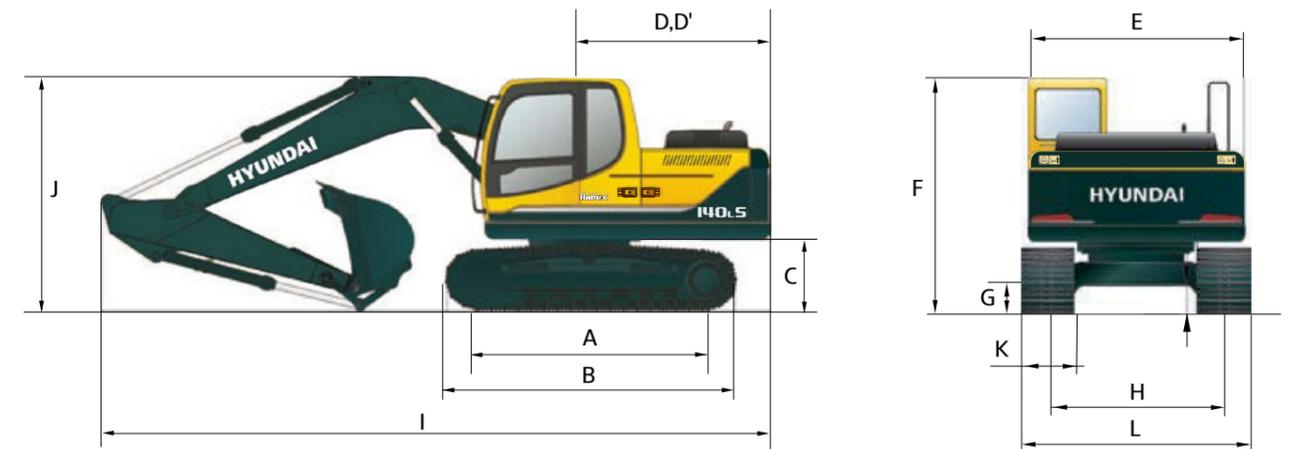
Upperstructure	3,820kg (8,422lb)		
Counterweight	1,900kg (4,190lb)		
Boom (with Arm cylinder)	1,030kg (2,270lb)		

### OPERATING WEIGHT

Shoes	Operating weight	Ground pressure	
Counter weight	Width mm (in)	kg (lb)	kgf/cm <sup>2</sup> (psi)
Triple grouser	600 mm (24")	13,980(30,820)	0.36(5.12)

\* Standard equipment

# DIMENSIONS



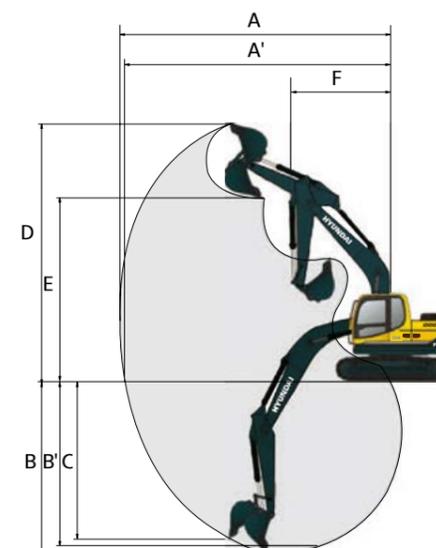
Unit : mm (ft-in)

A	Tumbler distance	3,000 (9' 10")
B	Overall length of crawler	3,750 (12' 4")
C	Ground clearance of counterweight	940 (3' 1")
D	Tail swing radius	2,330 (7' 7")
D'	Rear-end length	2,330 (7' 7")
E	Overall width of upperstructure	2,500 (8' 2")
F	Overall height of cab	2,860 (9' 4")
G	Min. ground clearance	440 (1' 5")
H	Track gauge	2,000 (6' 7")

Boom length	*4,600 (15' 1")		
Arm length	2,100 (6' 11")	*2,500 (8' 2")	
I	Overall length	7,850 (25' 8")	7,820 (25' 7")
J	Overall height of boom	2,760 (9' 0")	2,780 (9' 1")
K	Track shoe width	500 (20")	600 (24")
L	Overall width	2,500 (8' 2")	2,600 (8' 6")

\* Standard equipment

# WORKING RANGE



Description	Unit	2,100 (6' 11") Arm	*2,500 (8' 2") Arm	
A	Max digging reach	7,920 (26' 0")	8,340 (27' 4")	
A'	Max digging reach on ground	7,780 (25' 6")	8,200 (26' 11")	
B	Max digging depth	5,200 (17' 1")	5,600 (18' 4")	
B'	Max digging depth (8th level)	4,950 (16' 3")	5,390 (17' 8")	
C	Max vertical wall digging depth	4,590 (15' 1")	5,120 (16' 10")	
D	Max digging height	8,140 (26' 8")	8,520 (27' 11")	
E	Max dumping height	5,710 (18' 9")	6,080 (19' 11")	
F	Min swing radius	2,680 (8' 10")	2,620 (8' 7")	
Bucket digging force	SAE	kN	87.3[94.8]	87.3[94.8]
		kgf	8,900[9,660]	8,900[9,660]
		lbf	19,620[21,300]	19,620[21,300]
	ISO	kN	102[110.8]	102[110.8]
		kgf	10,400[11,290]	10,400[11,290]
		lbf	22,930[24,890]	22,930[24,890]
Arm crowd force	SAE	kN	73.6[79.9]	62.8[68.2]
		kgf	7,500[8,140]	6,400[6,950]
		lbf	16,530[17,950]	14,110[15,320]
	ISO	kN	77.5[84.1]	65.7[71.4]
		kgf	7,900[8,580]	6,700[7,270]
		lbf	17,420[18,910]	14,770[16,040]

\* Standard equipment    □ : Power boost

# SPECIFICATIONS

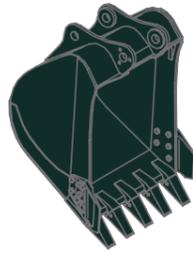
## BUCKET SELECTION GUIDE

### TYPES OF BUCKETS



SAE heaped

\*0.65 m<sup>3</sup> (0.85 yd<sup>3</sup>)



0.72 m<sup>3</sup> (0.93 yd<sup>3</sup>)

Type	Capacity m <sup>3</sup> (yd <sup>3</sup> )		Width mm (in)		Weight kg (lb)	Recommendation mm(ft-in)	
	SAE heaped	CECE heaped	Without side cutters	With side cutters		*4.6 (15' 1") Boom	
						2.1 (6' 11") Arm	*2.5 (8' 2") Arm
HD	*0.65 (0.85)	0.55 (0.72)	1,110 (43.7)	1,210 (47.6)	500 (1,100)	■	▲
GP	0.72 (0.93)	0.60 (0.78)	1,205 (47.4)	1,305 (51.4)	540 (1,190)	▲	x

\* Standard bucket

- Applicable for materials with density of 2,000 kg /m<sup>3</sup> (3,370 lb/ yd<sup>3</sup>) or less
- Applicable for materials with density of 1,600 kg /m<sup>3</sup> (2,700 lb/ yd<sup>3</sup>) or less
- ▲ Applicable for materials with density of 1,100 kg /m<sup>3</sup> (1,850 lb/ yd<sup>3</sup>) or less
- x Not Recommended

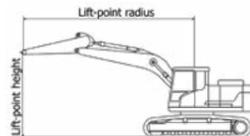
# LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

Boom: 4.6 m (15' 1") / Arm: 2.50 m (8' 2") / Shoe: 500mm (20") triple grouser

Lift point height m (ft)	Lift point 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)		Capacity	Reach m (ft)				
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree						
6.0 m (19.7 ft)	kg					*3,410	*3,410			*2,420	*2,420	5.41 (17.7)		
4.5 m (14.8 ft)	kg					*3,660	*3,660	*3,400	2,430	*2,220	2,170	6.39 (21.0)		
3.0 m (9.8 ft)	kg					*6,150	*6,150	*4,550	3,680	*2,200	1,870	6.91 (22.7)		
1.5 m (4.9 ft)	kg					*7,530	6,200	5,510	3,430	3,530	2,260	*2,310	1,760	7.07 (23.2)
Ground	kg					*6,400	5,900	5,300	3,250	3,440	2,180	*2,570	1,790	6.91 (22.7)
-1.5 m (-4.9 ft)	kg	*4,630	*4,630	*9,720	5,860	5,230	3,190	3,410	2,150	*3,110	1,980	6.39 (21.0)		
-3.0 m (-9.8 ft)	kg	*8,650	*8,650	*8,960	5,960	5,270	3,230			4,020	2,530	5.41 (17.7)		

- Lifting capacity is based on SAE J1097, 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

Rating over-front Rating over-side or 360 degree

Boom: 4.6 m (15' 1") / Arm: 2.50 m (8' 2") / Shoe: 600mm (24") triple grouser

Lift point height m (ft)	Lift point 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)		Capacity	Reach m (ft)				
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree						
6.0 m (19.7 ft)	kg					*3,410	*3,410			*2,420	*2,420	5.41 (17.7)		
4.5 m (14.8 ft)	kg					*3,660	*3,660	*3,400	2,460	*2,220	2,200	6.39 (21.0)		
3.0 m (9.8 ft)	kg					*6,150	*6,150	*4,550	3,720	*2,200	1,900	6.91 (22.7)		
1.5 m (4.9 ft)	kg					*7,530	6,290	5,590	3,480	3,590	2,290	*2,310	1,790	7.07 (23.2)
Ground	kg					*6,400	5,980	5,380	3,300	3,500	2,210	*2,570	1,810	6.91 (22.7)
-1.5 m (-4.9 ft)	kg	*4,630	*4,630	*9,720	5,940	5,310	3,230	3,460	2,180	*3,110	2,010	6.39 (21.0)		
-3.0 m (-9.8 ft)	kg	*8,650	*8,650	*8,960	6,040	5,350	3,280			4,080	2,570	5.41 (17.7)		

Boom: 4.6 m (15' 1") / Arm: 2.10 m (6' 11") / Shoe: 500mm (20") triple grouser

Lift point height m (ft)	Lift point 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)		Capacity	Reach m (ft)				
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree						
6.0 m (19.7 ft)	kg					*3,940	3,880			*3,520	3,400	4.86 (15.9)		
4.5 m (14.8 ft)	kg					*4,070	3,830			*3,230	2,440	5.94 (19.5)		
3.0 m (9.8 ft)	kg					*7,060	6,770	*4,940	3,640	3,630	2,350	3,200	2,070	6.49 (21.3)
1.5 m (4.9 ft)	kg					*15,560	14,930	*10,890	8,020	8,000	5,180	7,050	4,560	6.67 (21.9)
Ground	kg					*5,900	*5,900	5,310	3,270	3,460	2,200	3,090	1,970	6.49 (21.3)
-1.5 m (-4.9 ft)	kg	*5,140	*5,140	*9,930	5,940	5,270	3,230			3,510	2,230	5.94 (19.5)		
-3.0 m (-9.8 ft)	kg	*11,330	*11,330	*21,890	13,100	11,620	7,120			7,740	4,920	4.86 (15.9)		

Boom: 4.6 m (15' 1") / Arm: 2.10 m (6' 11") / Shoe: 600mm (24") triple grouser

Lift point height m (ft)	Lift point 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)		Capacity	Reach m (ft)				
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree						
6.0 m (19.7 ft)	kg					*3,940	3,930			*3,520	3,440	4.86 (15.9)		
4.5 m (14.8 ft)	kg					*4,070	3,880			*3,230	2,470	5.94 (19.5)		
3.0 m (9.8 ft)	kg					*7,060	6,850	*4,940	3,680	3,680	2,390	*3,220	2,100	6.49 (21.3)
1.5 m (4.9 ft)	kg					*15,560	15,100	*10,890	8,110	8,110	5,270	*7,100	4,630	6.67 (21.9)
Ground	kg					*5,900	*5,900	5,390	3,310	3,520	2,230	3,140	2,000	6.49 (21.3)
-1.5 m (-4.9 ft)	kg	*5,140	*5,140	*9,930	6,020	5,350	3,280			3,560	2,260	5.94 (19.5)		
-3.0 m (-9.8 ft)	kg	*11,330	*11,330	*21,890	13,270	11,790	7,230			7,850	4,980	4.86 (15.9)		

- Lifting capacity is based on SAE J1097, 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.

