



ROBEX 320LC-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 (Advanced 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(7500kcal/hr, 30000BTU/hr)

#### Self diagnostic system

#### AM/FM radio and cassette

- Radio remote 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 CPU
  - Engine oil pressure
  - Engine coolant temperature
  - Hyd. oil temperature
  - Low battery
  - Air cleaner clogging
- Indicator
  - Power boost.
  - Preheat & Engine warming-up
  - One touch decel
- Starting Aid (air grid heater), cold weather

#### Door and cab locks, one key

#### Two outside rearview mirrors

#### Fully adjustable suspension seat with seat belt

#### Slidable joystick, pilot-operated

#### Console box tilting system (LH.)

#### Three front working lights

#### Electric horn

#### Batteries (2 x 12V x 160AH)

#### Battery master switch

#### Removable clean out screen for oil cooler

#### Automatic swing brake

#### Removable reservoir tank

#### Water separator, fuel line

#### Boom holding system

#### Arm holding system

#### Counterweight (6200kg, 13670lb)

#### Boom (6.45m, 21' 2")

#### Arm (3.2m, 10' 6")

#### Track shoes (600mm, 24")

#### Track rail guard

#### Travel alarm

### Optional Equipment

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

#### Cabin anti-vandalism kit

#### Cabin lights

#### 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 lowering

#### 12 volt power outlet(24V to-12V DC converter)

#### Electric transducer

#### Various optional Arms

- Super short arm (2.2m, 7' 3")
- Short arm (2.5m, 8' 2")
- Long arm (4.05m, 13' 3")

#### Various optional Buckets (PCSA heaped)

- Standard bucket (1.44m<sup>3</sup>, 1.88yd<sup>3</sup>)
- Narrow bucket (0.90m<sup>3</sup>, 1.18yd<sup>3</sup>)
- Narrow bucket (1.14m<sup>3</sup>, 1.49yd<sup>3</sup>)
- Light duty bucket (1.74m<sup>3</sup>, 2.28 yd<sup>3</sup>)
- Light duty bucket (2.10m<sup>3</sup>, 2.75yd<sup>3</sup>)
- Heavy duty bucket (1.44m<sup>3</sup>, 1.88yd<sup>3</sup>)
- Rock bucket (1.44m<sup>3</sup>, 1.88yd<sup>3</sup>)

#### Track shoes

- Triple grouser shoe (600mm, 24")
- Triple grouser shoe (700mm, 28")
- Triple grouser shoe (800mm, 32")
- Triple grouser shoe (900mm, 36")
- Double grouser shoe (710mm, 28")

#### Special cowl

- Air vent type side door

#### Preheating system

#### Low noise kit

#### Tool kit

#### Operator suit

#### Engine emergency control cable

## Robex NEW 7 SERIES

320LC-7

320NLC-7

320LC-7 High-Chassis

Tier II Engine



### CRAWLER EXCAVATOR

#### CUMMINS C8.3-C Engine :

193 kW/259 HP

#### Operating Weight :

32200 ~ 35900 kg (71000 ~ 79100 lb)

#### Bucket Capacity, PCSA :

0.9 ~ 2.1 m<sup>3</sup> (1.18 ~ 2.75 yd<sup>3</sup>)



■ Photo may include optional equipment.

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.



HEAD OFFICE (Sales Office) HCE U.S.A  
1 CHEONHA-DONG, DONG-KU, ULSAN, KOREA  
TEL : (82) (52) 230 - 2114 FAX (82) (52) 230 - 7979  
955 ESTES AVENUE ELK GROVE VILAGE ILL. 60007  
TEL : (1) 847 - 437 - 3333 FAX : (1) 847 - 437 - 3574  
HHI EUROPE N.V  
VOSSENDAAL 11, 2440 GEEL, BELGIUM  
TEL : (32) 14 - 562200 FAX : (32) 14 - 593405 - 06

#### PLEASE CONTACT

ООО "Техномир"

664024 Россия, Иркутская область,

г. Иркутск, ул. Тракторная, д.18а оф.12.

www.hyundai-mir.ru

(3952) 722-735, (3952) 722-745, (3952) 722-785

www.hyundai-ce.com

2003. 6 Rev 1.

# Built for Maximum Power, Performance, Reliability.

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



## 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 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





### 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 double switches. (Left: Power boost / One touch deceleration, Right: Horn/Optional)



### 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.

### 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.



### Remote Radio Control and Deluxe Cassette

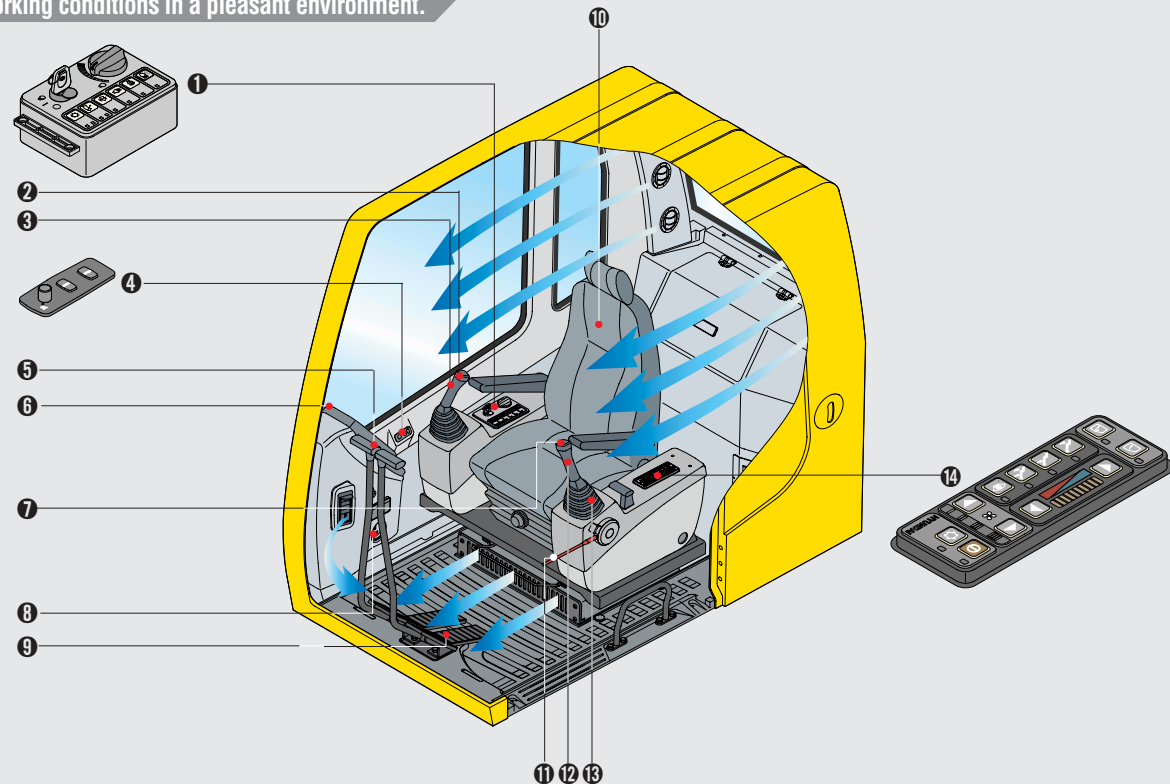


### Rise-up Wiper and Cabin Lights

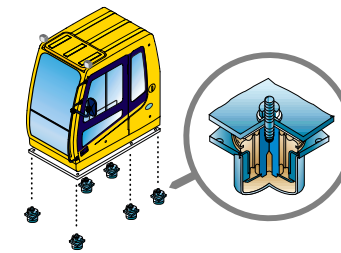
Raise-up wiper has enhanced for the better front view. Cabin Lights enhances safety by brightly lighting the surroundings during night work (optional).



The best working conditions in a pleasant environment.



- |                              |                          |                                     |  |
|------------------------------|--------------------------|-------------------------------------|--|
| 1 Centralized control pannel | 5 Travel lever           | 9 Travel pedal                      | 13 Joystick control lever                |
| 2 Horn button                | 6 Cluster                | 10 Fully adjustable suspension seat | 14 Air Conditioner and Heater controller |
| 3 Option button              | 7 One touch decel button | 11 Safety lever                     |  |
| 4 Remote Radio control       | 8 Hour meter             | 12 Power boost button               |  |



### 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.

### 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.



### Smooth Travel Pedal and Foot Rests



### Rear Emergency Exit Window

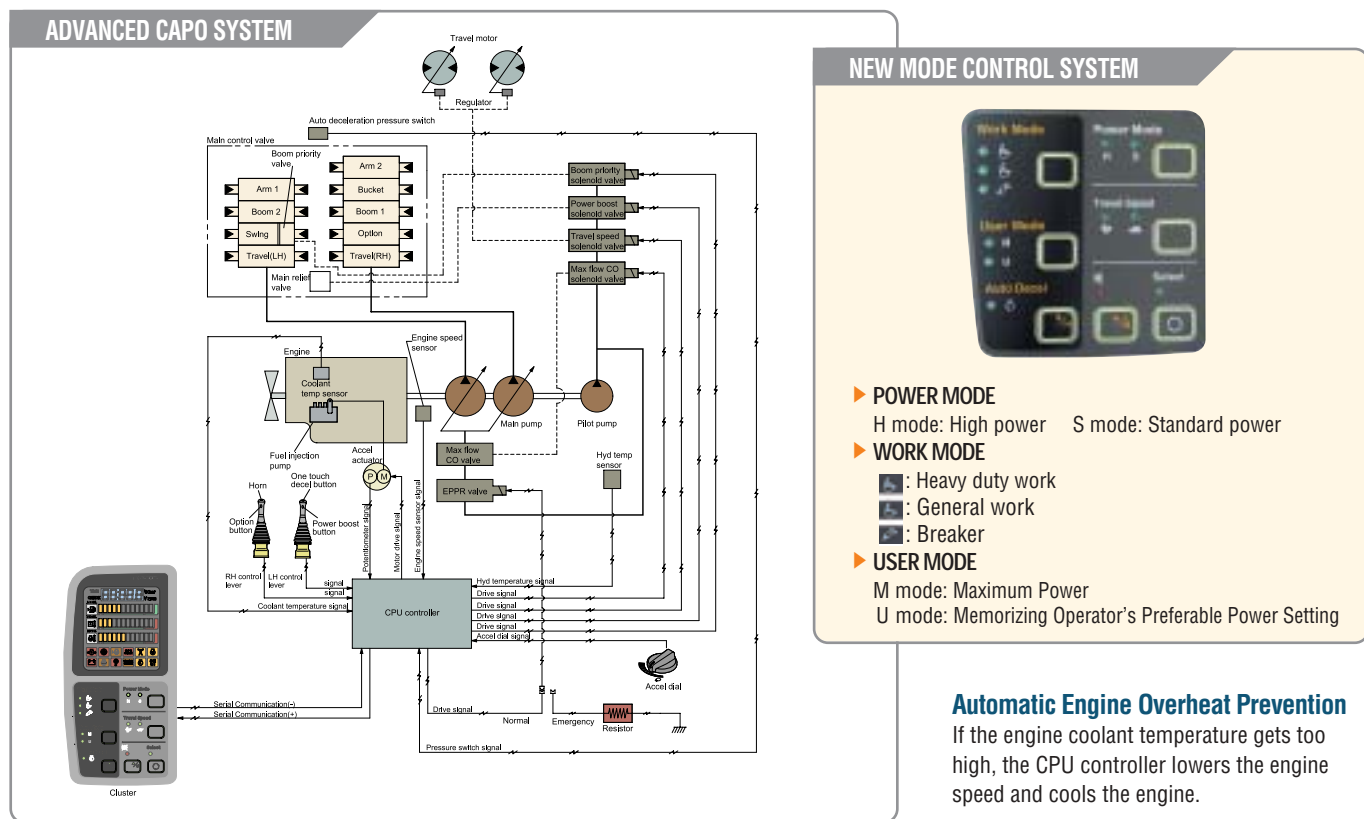
Rear Exit Window is designed with easy exit for operator's safety.



### Hot & Cool Box

The New Cab has even more space for the operator. An Additional storage box is located behind operators seat, and it keeps food and beverages cool or hot.





### 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 by 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.

### Auto Deceleration System

When remote-control valves are in neutral position more than 4 seconds, CPU controller reduces engine speed to 1200rpm. This decreases fuel consumption and reduced cab noise levels.

### 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 rpm. And then the one touch decel switch is pressed again, the engine speed recovers.

### Max. Flow Cut-off System

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

### NEW MODE CONTROL SYSTEM

- ▶ **POWER MODE**  
H mode: High power    S mode: Standard power
- ▶ **WORK MODE**  
  - ▶ Heavy duty work
  - ▶ General work
  - ▶ 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 restarting 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 to warm up the engine more effectively.

### Pump Flow Control System

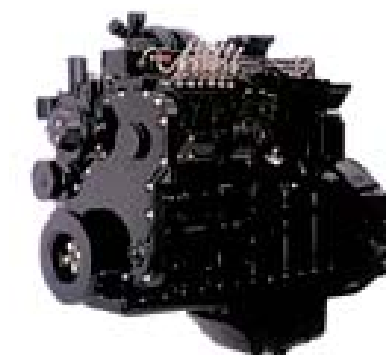
In neutral position: Pump flow is reduced to a minimum to eliminate power loss. In operation: Maximum pump flow is delivered to the actuator to increase the speed. With movement of the control lever, pump flow is automatically adjusted and the actuator speed can be proportionally controlled.

### Hydraulic Damper in Travel Pedal

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

### CUMMINS C8.3-C Engine

The six cylinders, turbo-charged, 4 cycle, Charger air cooled engine is built for power, reliability, economy and low emissions. This engine meets Tier II emissions regulations.



### Go Confidently Toward Your Dream.

Toughness. Determination. Perseverance. Vision. Qualities you'll find in Cummins C8.3-C. An engine design so advanced, it doesn't need electronic engine controls in order to meet emissions regulations now and in the future.

The C8.3-C from Cummins will do more than just power your equipment. It will power you to your dreams. And we've got the performance to prove it.

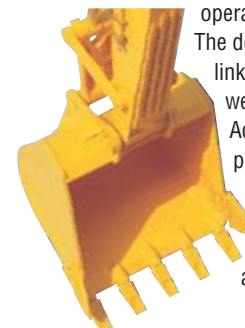
When the C Series was introduced over a decade ago, it redefined what a diesel should be, with 40% fewer parts for greater reliability and durability.

Integrated water and oil pump connections for reduced leaks and maintenance. An exceptional power-to-weight ratio. And the lowest repair times in the industry. Over the years, in a wide variety of equipment all over the world, the C8.3-C has helped over 500,000 people and companies achieve the success they've dreamed about. Now, it's your turn.

### 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.



### 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.



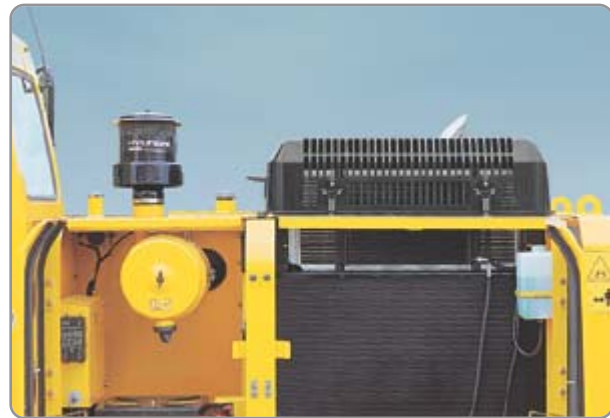
### Powerful and Precise Swing Control

Improved shock absorbing characteristics make stopping a precise and smooth action

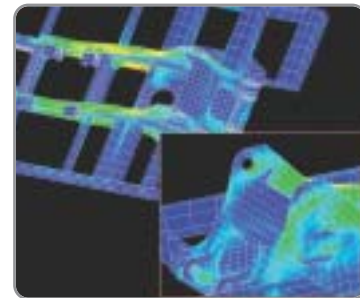


## Full open doors and master key system provide easy access for servicing.

Handrails and foot steps are applied for safety



**Side Cover with Left & Right Swing Open Type**  
Easy access to vital components gives unrestricted view of component allows easy maintenance and repair.



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



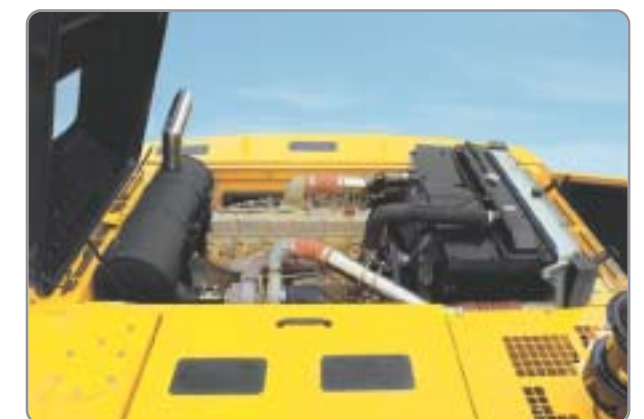
**Large tool box for extra storage**



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



**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.



**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.

## Engine

Model		Cummins C8.3-C	
Type		Watercooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, Turbocharged, Charger air cooled, Low emission	
Rated flywheel horse power			
SAE	J1995 (gross)	HP(kW)/rpm	259 (193) / 1750
	J1349 (net)		232 (173) / 1750
DIN	(gross)	PS(kW)/rpm	263 (193) / 1750
	627 1/1 (net)		235 (173) / 1750
Max. torque	kgf·m(lbf·ft)/rpm	124.3 (899) / 1300	
Bore × stroke	mm (in)	114 (4.5) × 135(5.3)	
Piston displacement	cc (in <sup>3</sup> )	8300 (506)	
Batteries		2 x 12V × 160AH	
Starting motor		24V, 7.2kW	
Alternator		24V, 50Amp	

## Hydraulic system

Main pump	
Type	Two variable displacement piston pumps
Max. flow	2 × 260 ℓ /min (68.7 US gpm / 57.2 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/cm <sup>2</sup> (4690 psi)
Travel	330 kgf/cm <sup>2</sup> (4690 psi)
Power boost (boom, arm, bucket)	360 kgf/cm <sup>2</sup> (5120 psi)
Swing circuit	265 kgf/cm <sup>2</sup> (3770 psi)
Pilot circuit	35 kgf/cm <sup>2</sup> (500 psi)
Service valve	Installed
Hydraulic cylinders	
No. of cylinder-bore × rod × stroke	Boom: 2-150 × 105 × 1480 mm (5.9" × 4.1" × 58.3")
	Arm: 1-160 × 110 × 1685 mm (6.3" × 4.3" × 66.3")
	Bucket: 1-140 × 100 × 1285 mm (5.5" × 3.9" × 50.6")

## Drives & Brakes

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	28500 kgf (62830 lbf)
Max. travel speed(high) / (low)	5.4 km/hr (3.4 mph) / 3.2 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 bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	9.1 rpm

## Coolant & Lubricant capacity

(refilling)	liter	US gal	UK gal
Fuel tank	480	126.8	105.6
Engine coolant	45.0	11.9	9.9
Engine oil	25.5	6.7	5.6
Swing device	9.0	1.8	1.5
Final drive(each)	11.0	2.9	2.4
Hydraulic system(including tank)	320	84.5	70.4
Hydraulic tank	210	55.5	46.2

## Undercarriage

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 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	48
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 6450mm (21' 2") boom, 3200mm (10' 6") arm, PCSA heaped 1.44m<sup>3</sup> (1.88 yd<sup>3</sup>) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

### Major component weight

Upperstructure	8320kg (18340lb)
Counterweight	6200kg (13670lb)
Boom (with Arm cylinder)	3030kg (6680lb)

### Operating weight

Shoes		Operating weight		Ground pressure
Type	Width mm(in)	kg(lb)		kgf/cm <sup>2</sup> (psi)
Triple grouser	※ 600 (24)	R320LC-7	32200 (71000)	0.62 (8.82)
		R320NLC-7	32000 (70500)	0.61 (8.67)
		R320LC-7 H/C	34700 (76500)	0.67 (9.53)
Triple grouser	700 (28)	R320LC-7	32800 (72300)	0.54 (7.68)
		R320LC-7 H/C	35300 (77800)	0.58 (8.25)
	800 (32)	R320LC-7	33200 (73200)	0.48 (6.83)
		R320LC-7 H/C	35700 (78700)	0.51 (7.25)
Double grouser	900 (36)	R320LC-7	33600 (74100)	0.43 (6.11)
		R320LC-7 H/C	35900 (79100)	0.58 (8.25)

※ Standard equipment

## Buckets

	0.90 (1.18)	1.14 (1.49)	※ 1.44 (1.88)	1.74 (2.28)	1.44 (1.88)	1.44 (1.88)
PCSA heaped m <sup>3</sup> (yd <sup>3</sup> )				2.10 (2.75)		

Capacity m <sup>3</sup> (yd <sup>3</sup> )		Width mm (in)		Weight kg(lb)	Recommendation mm(ft.in)				
PCSA heaped	CECE heaped	Without side cutters	With side cutters		Boom	6450 (21' 2")			
Arm	2200 (7' 3")	2500 (8' 2")	※ 3200 (10' 6")	4050 (13' 3")	2200 (7' 3")				
0.90 (1.18)	0.80 (1.05)	930 (36.6)	1050 (41.3)	870 (1920)	●	●	●	■	●
1.44 (1.49)	1.00 (1.31)	1110 (43.7)	1230 (48.4)	980 (2160)	●	●	●	■	●
※ 1.44 (1.88)	1.25 (1.63)	1380 (54.3)	1500 (59.1)	1110 (2450)	●	●	■	▲	●
1.74 (2.28)	1.50 (1.96)	1620 (63.8)	1740 (68.5)	1230 (2710)	■	■	▲	-	●
2.10 (2.75)	1.80 (2.35)	1910 (75.2)	2030 (79.9)	1370 (3020)	▲	▲	-	-	■
1.44 (1.88)	1.25 (1.63)	1380 (54.3)	-	1380 (3040)	●	●	■	-	●
1.44 (1.88)	1.25 (1.63)	1380 (54.3)	-	1390 (3060)	●	●	■	-	●

※: Standard backhoe bucket  
 ■: Heavy-duty  
 ●: Rock bucket-Heavy duty

●: 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

## Backhoe attachment

Boom and arms are of all-welded, low-stress, full-box section design. 6450mm(21' 2"), 6150mm(20' 2")boom and 2200mm(7' 3"), 2500mm(8' 2"), 3200mm(10' 6"), 4050mm(13' 3") arms are available. Hyundai Buckets are all-welded, high-strength steel implements.

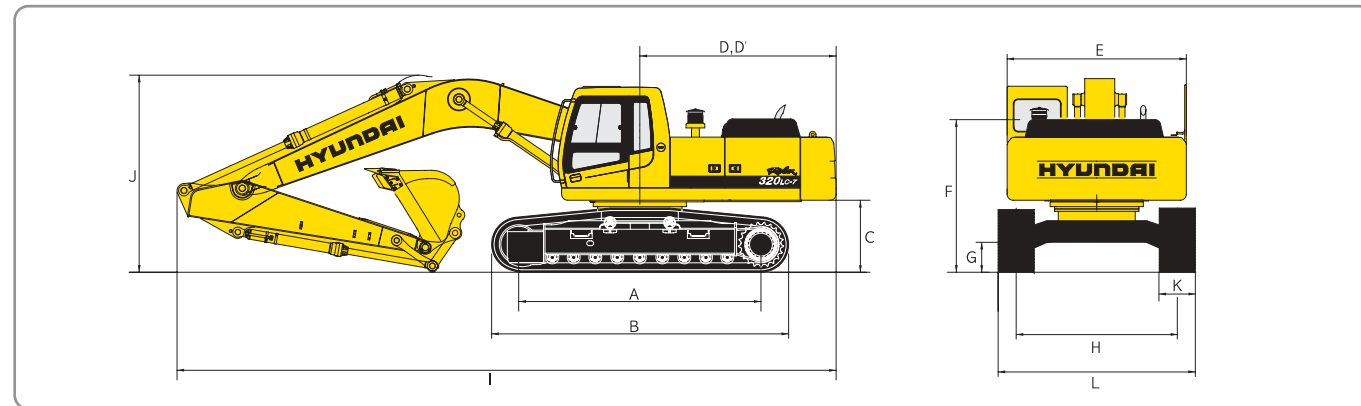
	2200mm (7' 3") 2500mm (8' 2")		※ 3200mm (10' 6")		4050mm (13' 3")
--	----------------------------------	--	-------------------	--	-----------------

## Digging force

Arm	Length	mm(ft.in)	2200 (7' 3")	2500 (8' 2")	※ 3200 (10' 6")	4050 (13' 3")	Remark
			Weight	kg(lb)	1500 (3310)	1590 (3510)	
Bucket digging force	SAE	kN	177.5 [193.6]	177.5 [193.6]	177.5 [193.6]	177.5 [193.6]	[ ]: Power Boost
			kgf	18100 [19750]	18100 [19750]	18100 [19750]	
ISO	kN	198.1 [216.1]	198.1 [216.1]	198.1 [216.1]	198.1 [216.1]		
		kgf	20200 [22040]	20200 [22090]	20200 [22090]	20200 [22040]	
SAE	kN	185.3 [202.2]	168.7 [184.0]	132.4 [144.4]	112.8 [123.0]		
		kgf	18900 [20620]	17200 [18760]	13500 [14730]	11500 [12550]	
ISO	kN	191.2 [208.6]	174.6 [190.4]	136.3 [148.7]	115.7 [126.2]		
		kgf	19500 [21270]	17800 [19420]	13900 [15160]	11800 [12870]	
			42990 [46900]	39240 [42810]	30640 [33430]	26010 [28370]	

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

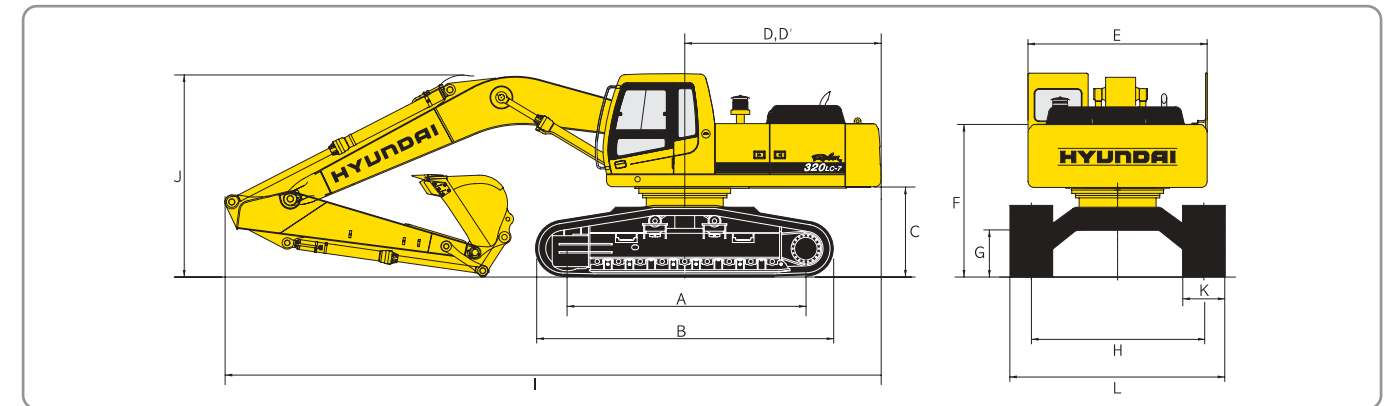
## Dimensions R320LC-7 / R320NLC-7



		mm (ft · in)		mm (ft · in)		
A	Tumbler distance	R320LC-7	4030 (13' 3")	R320NLC-7		
B	Overall length of crawler	4940 (16' 2")				
C	Ground clearance of counterweight	1200 (3' 11")				
D	Tail swing radius	3330 (10' 11")				
D'	Rear-end length	3265 (10' 9")				
E	Overall width of upperstructure	2980 (9' 9")				
F	Overall height of cab	3090 (10' 2")				
G	Min. ground clearance	500 (1' 8")				
H	Track gauge	R320LC-7	2680 (8' 10")	R320NLC-7		
		2390 (7' 10")				
	Boom length	※ 6450 (21' 2")			6150 (20' 2")	
	Arm length	2200 (7' 3")	2500 (8' 2")	※ 3200 (10' 6")	4050 (13' 3")	2200 (7' 3")
I	Overall length	11230 (36' 10")	11100 (36' 5")	10980 (36' 0")	10980 (36' 0")	10930 (35' 10")
J	Overall height of boom	3640 (11' 11")	3670 (12' 0")	3380 (11' 1")	3860 (12' 8")	3680 (12' 1")
K	Track shoe width	※ 600 (24")				
		700 (30")				
		800 (32")				
		900 (36")				
L	Overall width	R320LC-7	3280 (10' 9")	3380 (11' 1")	3480 (11' 5")	3580 (11' 9")
		R320NLC-7	2990 (9' 10")	-	-	-

※ Standard Equipment

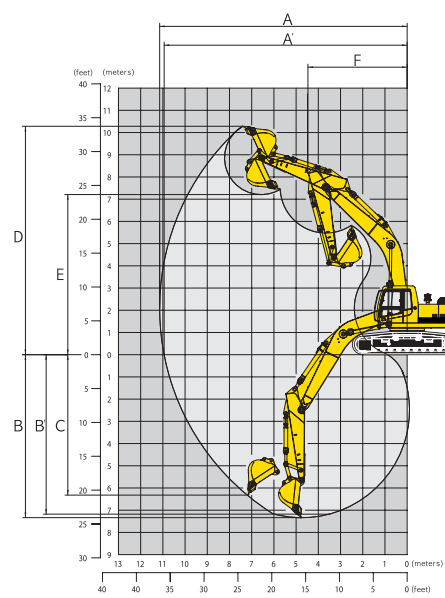
## Dimensions R320LC-7 High Chassis



		mm (ft · in)		mm (ft · in)		
A	Tumbler distance	4030 (13' 3")				
B	Overall length of crawler	4940 (16' 2")				
C	Ground clearance of counterweight	1500 (4' 11")				
D	Tail swing radius	3330 (10' 11")				
D'	Rear-end length	3265 (10' 9")				
E	Overall width of upperstructure	2980 (9' 9")				
F	Overall height of cab	3390 (11' 1")				
G	Min. ground clearance	765 (2' 6")				
H	Track gauge	2870 (9' 5")				
	Boom length	※ 6450 (21' 2")			6150 (20' 2")	
	Arm length	2200 (7' 3")	2500 (8' 2")	※ 3200 (10' 6")	4050 (13' 3")	2200 (7' 3")
I	Overall length	11220 (36' 10")	11100 (36' 5")	10910 (35' 10")	11000 (36' 1")	10920 (35' 10")
J	Overall height of boom	3740 (12' 3")	3760 (12' 4")	3360 (11' 0")	3810 (12' 6")	3780 (12' 5")
K	Track shoe width	※ 600 (24")				
		700 (28")				
		800 (32")				
		710 (28")				
L	Overall width	3470 (11' 5")	3570 (11' 9")	3670 (12' 0")	3580 (11' 9")	3580 (11' 9")

※ Standard Equipment

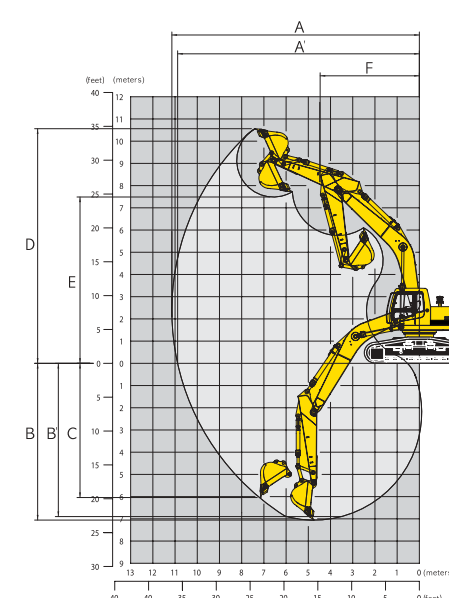
## Working ranges R320LC-7 / R320NLC-7



		mm (ft · in)				
	Boom length	※ 6450 (21' 2")			6150 (20' 2")	
	Arm length	2200 (7' 3")	2500 (8' 2")	※ 3200 (10' 6")	4050 (13' 3")	2200 (7' 3")
A	Max. digging reach	10330 (33' 11")	10550 (34' 7")	11140 (36' 7")	11950 (39' 2")	10020 (32' 10")
A'	Max. digging reach on ground	10110 (33' 2")	10330 (33' 11")	10940 (35' 11")	11760 (38' 7")	9800 (32' 2")
B	Max. digging depth	6370 (20' 11")	6670 (21' 11")	7370 (24' 2")	8220 (26' 12")	6160 (20' 3")
B'	Max. digging depth (8' level)	6160 (20' 3")	6470 (21' 3")	7210 (23' 8")	8080 (26' 6")	5950 (19' 6")
C	Max. vertical wall digging depth	5980 (19' 7")	5920 (19' 5")	6360 (20' 10")	7260 (23' 10")	5710 (18' 9")
D	Max. digging height	10220 (33' 6")	10170 (33' 4")	10310 (33' 10")	10710 (35' 2")	9940 (32' 7")
E	Max. dumping height	7050 (23' 2")	7050 (23' 2")	7240 (23' 9")	7630 (25' 0")	6780 (22' 3")
F	Min. swing radius	4700 (15' 5")	4500 (14' 9")	4470 (14' 8")	4470 (14' 8")	4520 (14' 10")

※ Standard Equipment

## Working ranges R320LC-7 High Chassis



		mm (ft · in)				
	Boom length	※ 6450 (21' 2")			6150 (20' 2")	
	Arm length	2200 (7' 3")	2500 (8' 2")	※ 3200 (10' 6")	4050 (13' 3")	2200 (7' 3")
A	Max. digging reach	10330 (33' 11")	10550 (34' 7")	11140 (36' 7")	11950 (39' 2")	10020 (32' 10")
A'	Max. digging reach on ground	10040 (32' 11")	10270 (33' 8")	10880 (35' 8")	11710 (38' 5")	9730 (31' 11")
B	Max. digging depth	6100 (20' 0")	6400 (20' 12")	7100 (23' 4")	7950 (26' 1")	5880 (19' 3")
B'	Max. digging depth (8' level)	5890 (19' 4")	6200 (20' 4")	6940 (22' 9")	7800 (25' 7")	5680 (18' 8")
C	Max. vertical wall digging depth	5700 (18' 8")	5650 (18' 6")	6080 (19' 11")	6980 (22' 11")	5440 (17' 10")
D	Max. digging height	10500 (34' 5")	10450 (34' 3")	10590 (34' 9")	10990 (36' 1")	10220 (33' 6")
E	Max. dumping height	7330 (24' 1")	7330 (24' 1")	7520 (24' 8")	7910 (25' 11")	7060 (23' 2")
F	Min. swing radius	4700 (15' 5")	4500 (14' 9")	4470 (14' 8")	4470 (14' 8")	4520 (14' 10")

※ Standard Equipment





