

STANDARD EQUIPMENT

Air cleaner	Filters, spin-on: fuel, engine oil, transmission oil, water separator, hydraulic fluid	Parking brake
Alarm, back-up	Flashing hazard/signal lights	Power receptacle, 12V
Backhoe position footrests	Floor mat	Power steering, hydrostatic
Battery, maintenance-free, 630 CCA x2	Fuel prefilter with water separator	Seat belt, retractable (51 mm)
Battery disconnect switch	Gauges: coolant temperature, fuel level, tachometer, hour meter	Seat, suspension with armrest
Boom transport lock - Backhoe	Ground level fuel fill	Cold start aid (air grid heater)
Boom locking bar - Loader	Hydraulic hose face seals, o-ring	Storage compartment, internal
Brakes, oil disc, dual pedals, interlocking	Hydraulic oil cooler, T/M cooler	Stop and tail lights
Canopy, ROPS/FOPS	Indicators: Engine oil pressure, T/M oil temp, diff. lock coolant temp, fuel level, battery charge, air cleaner, high beam, parking	Swing transport lock
Control	Instrument panel lights	Tilt steering wheel
Backhoe controls, 2-lever mechanical	Key start/stop system	Tires, see page 10
Loader controls, 1-lever mechanical	Lights, working (2 front, 2 rear)	Toolbox, external, lockable
Stabilizer controls, 2-lever mechanical	Machine security system	Torque converter
Coolant/Antifreeze	Mirror, rear view	Throttles, hand and foot
Differential lock		Transmission: Power shift, 4 forward 2 reverse
Engine,1104C-44T		2 wheel drive
(Direct Injection Turbocharged and Aftercooled)		Transmission neutralizer button switch
Fan, suction		Warning horn, electric
Fenders, rear		

OPTIONAL EQUIPMENT

Attachments, backhoe	Cab, deluxe	Light, working (4 front, 4 rear)
Buckets	Cab, dome light	Pilot control
0.17 m³ - H930C (STD)	Counterweights	Radio
0.2 m³ - H940C (STD)	150 kg	Return-to-dig, loader
0.1 m³ (option)	350 kg	Ride control, loader
0.26 m³ (option)	550 kg	Rotating beacon
0.3 m³ (option)	Climate control	Magnetic mount
Boom	Air conditioner & heater	Speed meter
2.63 m	Air conditioner only	Stabilizers
2.81 m	Heater only	Street
Stick	Emergency steering	Reversible
Extendible	Fenders, 4WD, front	Wide
Mechanical Quick Coupler	Front wind shield for canopy	Transmission: P/Shift 4 forward, 3 reverse
Attachments, front loader	Fuel warmer	4 wheel drive
General purpose buckets	Guards	Tires, see page 10
0.8 m³ - Bolt-on cutting edge (STD)	Front drive shaft, 4WD	Battery 12V, 630CCA x 2EA
0.77 m³ - Bolt-on teeth	Hydraulic valves, loader	
0.95 m³ - Bolt-on teeth	3rd Function	
1.00 m³ - Bolt-on cutting edge	Hydraulic valves, backhoe	
Multi purpose buckets	7th Function	
1.0 m³	Hydraulic lines	
1.0 m³ w/ forks	One-way, backhoe	

\* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.  
\* The photos may include attachments and optional equipment that are not available in your area.  
\* Materials and specifications are subject to change without advance notice.  
\* All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT



HYUNDAI

HEAVY INDUSTRIES

CONSTRUCTION EQUIPMENT

Head Office

1000 BANGEOJINSUNHWAN-DORO, DONG-GU, ULSAN, 682-792, KOREA

TEL:(82)52-202-7722, 9807 FAX:(82)52-202-7720



999009-501030



# Pride at Work

Hyundai Heavy Industries strives to build state-of-the art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences, and proven quality.

*Take pride in your work with a Hyundai!*

## H930c H940c

### Machine Walk-Around

#### Powerful and Reliable Engine

- Perkins engine, with EPA Tier II and E.U. stage II emission regulations, built for power, reliability and efficiency.

#### Excellent Backhoe Performance

- Unique backhoe boom design provides good visibility into the trench.
- Pilot controls provide the operator with better precision and control. (Option)
- An optional extendable dipper significantly increases the machine's versatility.

#### Enhanced Hydraulic Mechanism

- Adjustable flow control system (AFCS) optimizes the travel power of the machine when traveling on the highway.

#### Serviceability

- Tilt-up hood provides convenient access to engine compartment.
- All greasing points are accessible from ground level for safety and reduced maintenance time.
- Integrated safety bar and lock system ensures operator safety.

#### Comfortable Operation

- Six pillared cab with ROPS / FOPS certification designed for safe operation.
- Tilting, adjustable steering column.
- Hinged-type side windows for excellent ventilation.
- Conveniently located gauges, switches and levers for quick and easy use.
- Suspension seat with full adjustment for improved operator ride.

#### Powerful Loader Performance

- A strong and rigid loader frame designed for durability and greater lifting capacity.
- Four wheel drive system designed for on-the-go activation improves loader performance in rough terrain conditions.
- Automatic return-to-dig function reduces loading cycle times

#### Excellent Visibility

- One piece rounded windshield for wide span of view.
- Well designed loader frame offers clean a line of site and excellent visibility.



\*Photo may include optional equipment.

# Comfortable Operation

Hyundai's deluxe design cabin maximizes operator comfort.



\*Photo may include optional equipment.

## Comfortable Operator's Cab

The H930C/H940C series cab is designed to offer maximum comfort, safety and low noise to the operator. The cab structure is supported by six pillars meeting ROPS/FOPS safety requirements. The cab also offers

dual entry, deluxe trim, tilt steering column and a washable molded floor mat. Large roomy cab space and rounded glass contribute to operator comfort.



## Excellent Visibility

One-piece rounded front glass and large windows around the cab provide the operator with a full 360 degree range of visibility.

## Climate Control System (Option)

A full heating, defrosting system keeps the operator comfortable by way of 15 air ducts placed throughout the cab. As an other optional air conditioning system, well placed air vents within front, back and side of seat provides operator with optimum temperature.

## Operator Comfort

H930C/H940C series backhoe loaders are designed with the operator's comfort in mind. The steering column can be tilted and adjusted for convenient operation. Deluxe, joystick levers, conveniently located switches and an AM/FM radio with mp3 input contribute to the pleasant operation. Hinge-type side windows can be opened for improved ventilation. Additionally, front and rear windshield wipers are standard equipped for excellent visibility during bad weather conditions.



## Power Shift Transmission

Standard power shift transmission provides fast, easy and efficient operation. A convenient gear/shift selector allows for gear selection and forward, neutral or reverse direction.



## Brakes

Oil immersed wet disc brakes are individually actuated by two separated brake pedals. Brakes are self adjusting for improved service.



## Power Boosted Brake (Option)

Newly developed Boosted Brake System now allows the operator to use brake much conveniently with additional hydraulic assisted power.

## Side Console with Full Instrumentation

In the H930C/H940C series cab, all gauges switches and levers are conveniently located for easy access. Whether in the loader position or the backhoe position, the operator can easily reach all controls.



# Outstanding Performance

H930C/H940C series provides the operator with best performance and productivity.



\*Photo may include optional equipment.

## Powerful Loader Performance

The H930C/H940C series loader boom is integrally welded with a large diameter tube, dual lift and tilt cylinders for maximum strength and power. A strong and rigid loader frame allows for greater lift capacity, improved line of site and overall visibility.

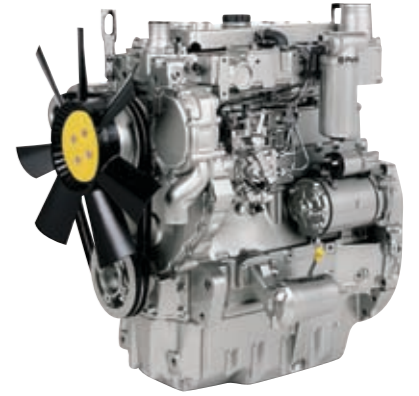
## Four Wheel Drive (Option)

Four wheel drive system improves mobility and loader performance in ground conditions underfoot and can be activated on-the-go. The loader attachment can be equipped with automatic return to dig function as an option designed to reduce loading cycle times.

## Ride Control System(Optional)

Ride control system as an option is available for improved operator comfort. Ride control reduces bounce and shock when traveling on the job site. The system is designed to minimize loader arm bounce when traveling over rough terrain to reduce material spillage and

improve travel with a full bucket. The operator can engage ride control by flipping the switch on the side console. Ride control improves job site productivity, operator comfort and overall safety.



## Powerful and Reliable Engine

A powerful Perkins engine with EPA Tier II and E.U. stage II emissions compliance, 4 cylinder, 4 cycle, turbo-charged, is built for power, reliability, efficiency.

## Axle and Brakes

Front & rear axles are designed for heavy duty to withstand the most demanding applications. Outboard, planetary gears improve serviceability while multi wet disc type brakes eliminate possible external contamination. The parking brake can be easily activated from within the cab by the push of an electric switch.

## Work Lights

Four front-adjustable 55 watt halogen work lights and four rear-adjustable 55 watt halogen work lights provide excellent illumination to the work area.

## Excellent Backhoe Performance

The backhoe boom design is an inherently strong design, perfect for heavy duty applications. The boom allows good visibility into the trench when the operator is digging around buried obstructions such as water mains, sewer pipes, utility lines, etc. Pilot controls improve operator control and precision when excavating. And an optional extendable dipper significantly increases the machine's versatility.



\*Photo may include optional equipment.

# Enhanced Hydraulic Mechanism

Innovative hydraulic technologies make the H930C/H940C series fast, smooth and easy to control.



\*Photo may include optional equipment.

## Clam Safety System (Option)



Prevents the uncontrolled opening of the clam bucket by its weight of load during both loading and dozing processes.

## Control Pattern Selector (Option)

The control pattern selector switch, located in the cabin, allows the operator to change from ISO to SAE control patterns for the backhoe simply by pressing a button. This allows the operator to use the pattern they are most familiar with to get the job done faster.

## Adjustable Flow Control System [AFCS] (Option)

By using the "turtle" switch ("turtle" for Low speed control) on the front instrument cluster, the operator diverts any unused hydraulic fluid from the second pump to the hydraulic reservoir. In a loader application, AFCS optimizes the travel power of the machine and improves productivity AFCS is also useful when traveling on the road.

# Serviceability

## Quick and Easy Maintenance

Tilt-up hood provides convenient access to the engine compartment. The one-piece hood tilts away for easy ground line access to all critical service and grease points for reduced maintenance time and operator safety.



## Integrated Safety Bar

An integrated safety bar and locking pin are an integral part of the loader arm, and guarantee operator safety when servicing.



## Visible Hydraulic Oil Level Gauge

The hydraulic oil sight guage is installed on the side of the hydraulic tank for the convenient inspection from on ground level.



\*Photo may include optional equipment.

Specifications

ENGINE H940C

MANUFACTURER		Perkins
Model		1104C-44T
Type		4-stroke, turbocharged
Non-road emission standards		Certified to EPA Tier II / EU stage II
Displacement		4.4 L
Fuel		Diesel
Horsepower	Gross	100 hp (74.5 kW) @ 2,200 rpm
	Net	95 hp (71 kW) @ 2,200 rpm
Maximum torque		42 kg.m @ 1,350 rpm

ENGINE H930C

MANUFACTURER		Perkins
Model		1104C-44T
Type		4-stroke, turbocharged
Non-road emission standards		Certified to EPA Tier II / EU stage II
Displacement		4.4 L
Fuel		Diesel
Horsepower	Gross	92 hp (68.5 kW) @ 2,200 rpm
	Net	87 hp (65 kW) @ 2,200 rpm
Maximum torque		40 kg.m @ 1,350 rpm

ELECTRICAL

Voltage	12 volts
Alternator	100 amp
Battery(Option)	12V,850CCA x1EA (12V,630CCA x 2EA)

OPERATING WEIGHTS

Standard configuration	2wd, GP bucket(0.8m³), counter weight(350kg), ROPS/FOPS canopy, mono dipper	7,440kg
Optional configuration	4wd, MP bucket(1.0m³), counter weight(150kg), ROPS/FOPS cabin, ext. dipper	8,230kg
Add-on weight	Counter weight	550kg
	Drive shaft @ T/M under guard	55kg
	Fork	170kg

TIRES

Front	2WD -11L-16 (STD) 4WD -12.5/80 - 18 (OPT)
Rear	19.5L - 24 (STD) 16.9L - 28 (OPT) 21L - 24 (OPT)

SERVICE REFILL CAPACITIES

Fuel tank	127L
Engine coolant water	19L
Engine oil with filter	8L
Hyd. Tank with filter	50L
Hyd. System total	93L
Transmission and torque converter	18L
Front axle (4WD)	8L
Rear axle	16L

SERVICE REFILL CAPACITIES

Fuel tank	127L
Engine coolant water	19L
Engine oil with filter	12L
Hyd. Tank with filter	50L
Hyd. System total	93L
Transmission and torque converter	18L
Front axle (4WD)	8L
Rear axle	16L

HYDRAULICS

System type	Open center
Pump	Tandem gear, H930C: 140 lpm, H940C: 147 lpm
System pressure	250kg/cm²
Loader valve	Single lever control, boom float, bucket return to dig
Backhoe valve	2-lever control for backhoe, stabilizer lock valve

BUCKET

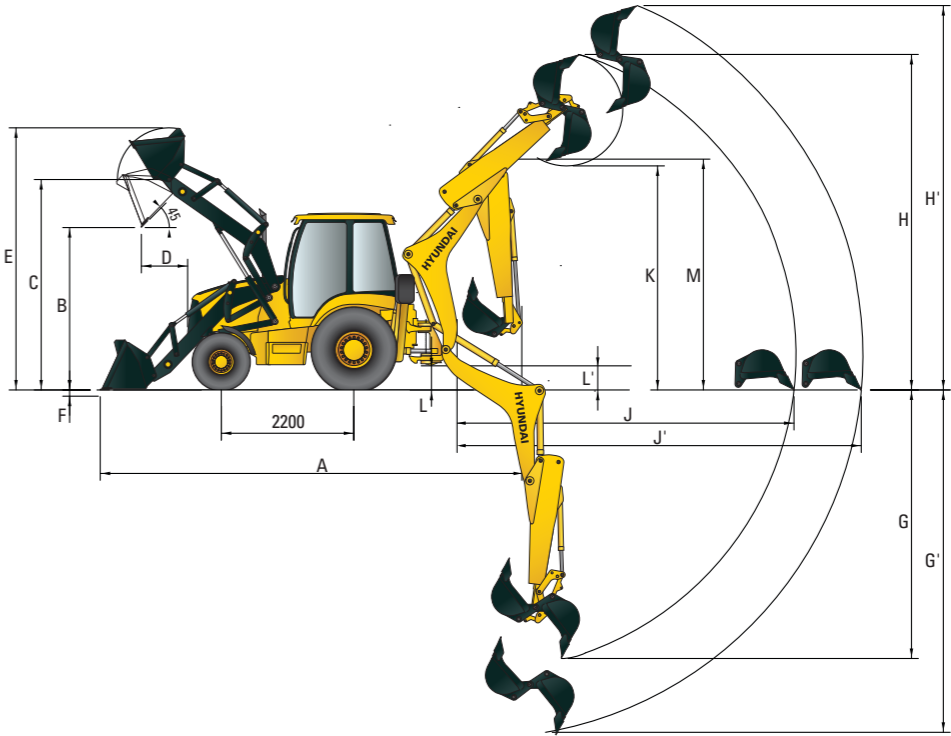
	Capacity (liters)	Width (mm)	Weight (kg)
Loader GP	800	2,250	385
Loader MP	1,000	2,350	730
Trenching	170	610	130
Trenching	200	610	155

POWERTRAIN

Transmission		4-speed helical-cut gears, full powershift standard; electric clutch cutoff on loader lever			
Maximum travel speed with standard tire					
H930C		Gear 1	Gear 2	Gear 3	Gear 4
Forward (km/hr)		5.3	9.7	19.6	34.5
Reverse (km/hr) (Option)		6.7	12.2	(19.3)	N/A
H940C		Gear 1	Gear 2	Gear 3	Gear 4
Forward (km/hr)		5.2	9.6	19.4	34.0
Reverse (km/hr) (Option)		6.6	12.0	(19.0)	N/A
Torque converter		Single stage, dual phase			
Differential		Hydraulic locking rear			
		Push-button activation			
Steering (Option)		Hydrostatic power (emergency steering)			
Brake	Service	Power assisted, hydraulic wet disc, mounted inboard, self-adjusting and self-equalizing			
	Parking	Spring-applied, hydraulically releases, wet, multi disc independent of service brakes with electric switch control			

Dimensions & Working Range

H930C / H940C DIMENSIONS



DIMENSION

	GP Bucket	MP Bucket
Transport length	5,800	5,850
Transport height	3,720	3,720
Transport width	2,250	2,250

Model	H930C	H940C	Model	H930C	H940C
A	7,175	7,175	H	5,520	5,565
B	2,710	2,710	H'	6,190	6,235
C	3,450	3,450	J	5,790	5,840
D	780	780	J'	6,815	6,865
E	4,420	4,420	K	3,695	3,645
F	96	96	L	357	357
G	4,335	4,315	L'	380	380
G'	5,465	5,445	M	3,720	3,720