

## STANDARD EQUIPMENT

Air cleaner  
 Alarm, back-up  
 Backhoe position footrests  
 Battery, maintenance-free, 630 CCA x2  
 Battery disconnect switch  
 Boom transport lock - Backhoe  
 Boom locking bar - Loader  
 Brakes, oil disc, dual pedals, interlocking  
 Canopy, ROPS/FOPS  
 Control  
 Backhoe controls, 2-lever mechanical  
 Loader controls, 1-lever mechanical  
 Stabilizer controls, 2-lever mechanical  
 Coolant/Antifreeze  
 Differential lock  
 Engine, Fiat F4GE9484F\*J (H940C)  
 Fiat F4GE9454J\*J (H930C)  
 (Direct Injection Turbocharged and Aftercooled)  
 Fan, suction  
 Fenders, rear

Filters, spin-on: fuel, engine oil,  
 transmission oil, water separator,  
 hydraulic fluid  
 Flashing hazard/signal lights  
 Floor mat  
 Fuel prefilter with water separator  
 Gauges: coolant temperature, fuel level,  
 tachometer, hour meter  
 Ground level fuel fill  
 Hydraulic hose face seals, o-ring  
 Hydraulic oil cooler, T/M cooler  
 Indicators: Engine oil pressure, T/M oil temp,  
 diff. lock coolant temp, fuel level,  
 battery charge, air cleaner, high beam, parking  
 Instrument panel lights  
 Key start/stop system  
 Lights, working (2 front, 2 rear)  
 Machine security system  
 Mirror, rear view  
 Parking brake

Power receptacle, 12V  
 Power steering, hydrostatic  
 Rubber impact strips on radiator guard  
 Seat belt, retractable (51 mm / 2 in)  
 Seat, suspension with armrest  
 Cold start aid (air grid heater)  
 Storage compartment, internal  
 Stop and tail lights  
 Swing transport lock  
 Tilt steering wheel  
 Tires, see page 10  
 Toolbox, external, lockable  
 Torque converter  
 Throttles, hand and foot  
 Transmission: Power shift, 4 forward 2 reverse  
 2 wheel drive  
 Transmission neutralizer button switch  
 Warning horn, electric

## OPTIONAL EQUIPMENT

Attachments, backhoe  
 Buckets  
 0.17 m<sup>3</sup> (0.22 yd<sup>3</sup>) - H930C(STD)  
 0.2 m<sup>3</sup> (0.26 yd<sup>3</sup>) - H940C(STD)  
 Boom  
 2.63 m  
 2.81 m  
 Stick  
 Extendible  
 Mechanical Quick Coupler  
 Attachments, front loader  
 General purpose buckets  
 0.77 m<sup>3</sup> (1.0 yd<sup>3</sup>) - Bolt-on teeth  
 0.95 m<sup>3</sup> (1.24 yd<sup>3</sup>) - Bolt-on teeth  
 1.00 m<sup>3</sup> (1.31 yd<sup>3</sup>) - Bolt-on cutting edge  
 Multi purpose buckets  
 1.0 m<sup>3</sup> (1.3 yd<sup>3</sup>)  
 1.0 m<sup>3</sup> (1.3 yd<sup>3</sup>) w/ forks

Cab, deluxe  
 Cab, dome light  
 Counterweights  
 150 kg (330 lb)  
 350 kg (772 lb)  
 550 kg (1,213 lb)  
 Climate control  
 Aircorn & heater  
 Aircorn only  
 Heater only  
 Emergency steering  
 Fenders, 4WD, front  
 Front wind shield for canopy  
 Fuel warmer  
 Guards  
 Front drive shaft, 4WD  
 Hydraulic valves, loader  
 3rd Function

Hydraulic valves, backhoe  
 7th Function  
 Hydraulic lines  
 One-way, backhoe  
 Light, working (4 front, 4 rear)  
 Pilot control  
 Radio  
 Return-to-dig, loader  
 Ride control, loader  
 Rotating beacon  
 Magnetic mount  
 Speed meter  
 Stabilizers  
 Street  
 Reversible  
 Transmission: P/Shift 4 forward, 3 reverse  
 4 wheel drive  
 Tires, see page 10

\* 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

www.hyundai-ce.com

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 **HYUNDAI**  
 HEAVY INDUSTRIES CO.,LTD.  
**CONSTRUCTION EQUIPMENT**

Head Office  
 1000 BANGEOJINSUNHWAN-DORO, DONG-GU, ULSAN, 682-792, KOREA  
 TEL:(82)52-202-7722, 9807 FAX:(82)52-202-7720



We build a better future

# H930C H940C



\*Photo may include optional equipment.

 **HYUNDAI**  
 HEAVY INDUSTRIES CO.,LTD.

# 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

- IVECO(Fiat) engine, with EPA certification for Tier III and E.U. stage III-A emission regulations, built for power, reliability and efficiency.
- Equipped with new combustion technology with internal EGR(Exhaust Gas Recirculation), long oil change interval(600hr), and air grid heater.

#### Maximum Operating Comfort

- 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.

#### 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.

#### 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

#### Hydraulic Performance

- Load sensing hydraulic system improves power to flow relationship based on load demand.(Option)
- Adjustable flow control system (AFCS) optimizes the travel power of the machine when traveling on the highway.

#### Excellent visibility

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

#### 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.



\*Photo may include optional equipment.

# Maximum Operating Comfort

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.

## 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.



# Premium 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. The H930C/H940C series four wheel drive system improves mobility and loader

performance in ground conditions underfoot and can be activated on-the-go. The loader attachment is equipped with an automatic return to dig function, designed to reduce loading cycle times. The return to dig function returns the loader bucket to the dig position when the operator pulls the lever.

## 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 IVECO(Fiat) engine with EPA Tier III and E.U. stage III-A emissions compliance, 4 cylinder, 4 cycle, turbo-charged, and charged air cooled is built for power, reliability, efficiency and reduced emissions. It combines new combustion technology with internal EGR(Exhaust Gas Recirculation), long oil change interval and, air grid heater as a cold start aid.

## 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.

# Hydraulic Performance

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



## Load Sensing Hydraulic System (Option)

The load sensing hydraulic system better matches the engine power to the appropriate hydraulic flow based on load demand required. Whether operating the machine in a trenching application or fine control digging, the operator is in control. When speed is needed

during applications that require high productivity, this system is designed to provide sufficient flow to get the job done quickly and efficiently.

## 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.

## 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.

# Serviceability



## Reduced 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	IVECO (FPT)	
Model	F4GE9484F*J	
Type	4-stroke, turbocharged and charged air cooled	
Non-road emission standards	Certified to EPA Tier 3 / EU stage III-A	
Displacement	4.5 L	
Fuel	Diesel	
Horsepower	Gross	99 hp (74 kW) @ 2,200 rpm
	Net	94 hp (70 kW) @ 2,200 rpm
Maximum torque	44 kg-m @ 1,250 rpm	

### ENGINE H930C

MANUFACTURER	IVECO (FPT)	
Model	F4GE9454J*J	
Type	4-stroke, turbocharged	
Non-road emission standards	Certified to EPA Tier 3 / EU stage III-A	
Displacement	4.5 L	
Fuel	Diesel	
Horsepower	Gross	89 hp (66 kW) @ 2,200 rpm
	Net	85 hp (63 kW) @ 2,200 rpm
Maximum torque	41 kg-m @ 1,250 rpm	

### ELECTRICAL

Voltage	12 volts
Alternator	90 amp
Battery	12V, 630CCA X 2

### OPERATING WEIGHTS

Model	H930C	H940C
Standard dipper and GP bucket	6,750 kg	6,800 kg
Extendable dipper and MP bucket	8,560 kg	8,600 kg

### TIRES

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

### SERVICE REFILL CAPACITIES

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

### HYDRAULICS

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

### BUCKET

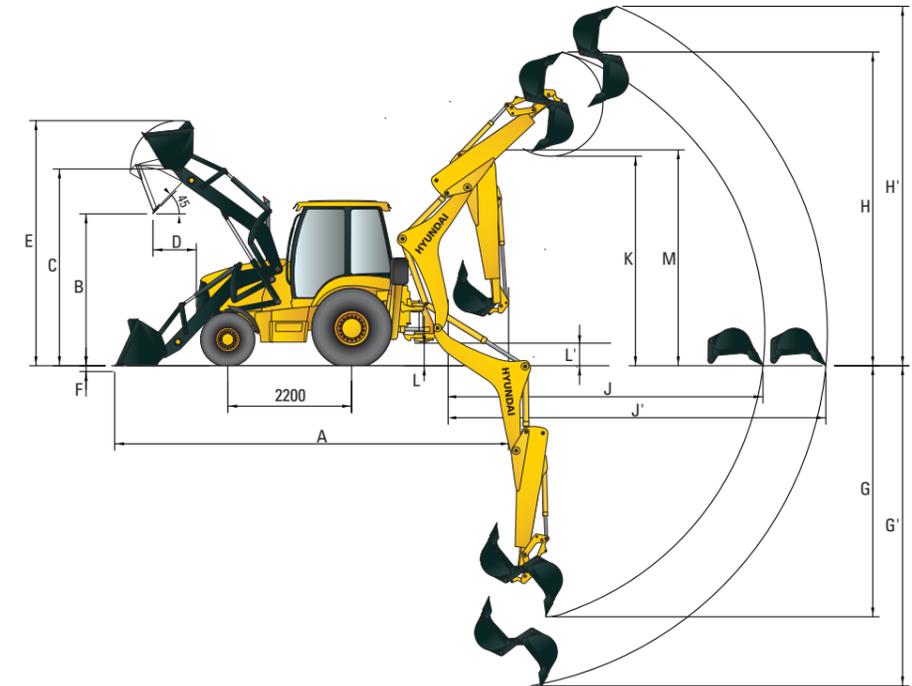
	Capacity (liters)	Width (mm)	Weight (kg)
Loader GP	800	2,250	385
Loader MP	1,000	2,350	730
Trenching	170	610	130
Trenching	200	610	155

### 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)	5.4	9.9	19.9	35.0
Reverse (km/hr) (Option)	6.8	12.4	(19.6)	N/A
H940C	Gear 1	Gear 2	Gear 3	Gear 4
Forward (km/hr)	5.4	9.9	20.0	35.0
Reverse (km/hr) (Option)	6.9	12.5	(19.7)	N/A
Torque converter	Single stage, dual phase			
Differential	Hydraulic locking rear Push-button activation			
Steering	Hydrostatic power and 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