HITACHI

EH750

Quarry Truck

Maximum Payload
39 600 kg

Maximum GMW
75 400 kg

Engine Gross Power
391 kW / 525 HP

Quarry Customed, Built to Last

Hitachi Technologies

Hitachi excavators have a reputation of being the most reliable excavators and redefined the standards of excellence for excavators. The new EH750-2 was designed and built to meet these same standards.

High-Powered Engine

The EH750-2 uses the high powered engine, 391 kW (525 HP) Cummins QSX15, providing long life while optimizing performance and reliability.
Very low fuel consumption is another characteristic of this engine and it meets U.S. EPA Tier 2 and EU Stage II emission regulations.

Long Frame Life

Smooth frame transitions minimize stress concentrations and steel castings effectively distribute input loads.
Proven design and manufacturing methods with state-of-the-art ultrasonic testing ensure a quality product.

Unique Body Design

The single sloped floor evenly distributes material shedding during dumping. A continuously exhaust-heated body reduces carry-back of material, and muffles exhaust. Horizontal floor and side rail stiffeners distribute load shocks evenly over the entire body length, minimizing stress concentrations in any one area. Closely spaced floor stiffeners reduce wear due to impact loading.

Match-EH750-2 Quarry Truck and Excavators

Excavator	ZAXIS500LCH	ZAXIS650H		ZAXIS850H		EX1200-5C	
Front	BE	H-boom & arm	BE	H-boom & arm	BE	Standard	BE
Bucket (CECE heaped)	2.07 m^3	2.8 m^3	3.3 m^3	3.4 m^3	4.3 m^3	5.0 m^3	6.5 m^3
EH750-2 39.3 m ton	12 to 13 passes	9 passes	7 to 8 passes	7 to 8 passes	6 passes	5 passes	4 passes

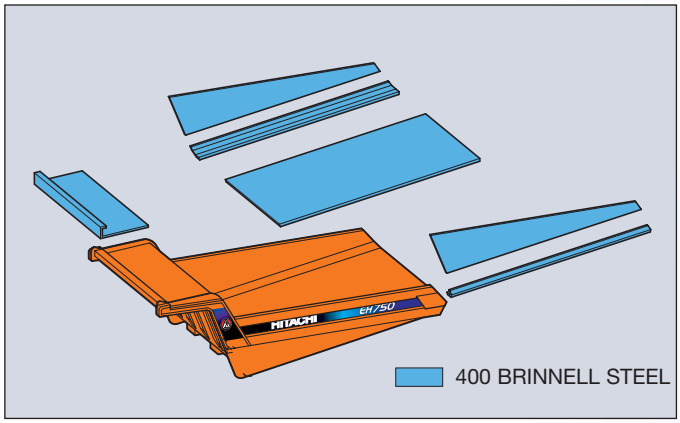
Note: The load indicators are optional.

Rugged Construction

Technologically Advanced

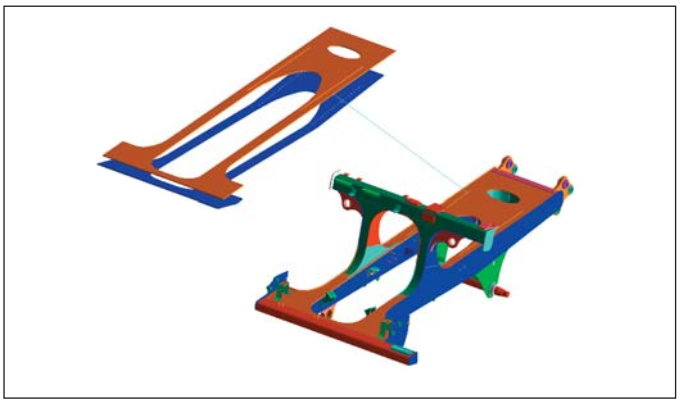
The EH750-2 is designed for quarry and mining applications where hauling those several extra tons per trip really matters. It provides low operating costs, unparalleled productivity, and overall quality through its superior structure and systems designs.

Reinforced Body



Built for quarry and mining applications, the EH750-2 body uses a 26 mm floor plate and 14 mm side plates made of 400 BHN high-tensile steel. This provides high resistance to wear and impact. A low loading height and large target area allow easy, quick loading by a variety of loading tools.

Robust Frame



The frame and suspension are designed to work together to provide maximum structural integrity and operator comfort. The full fabricated box section main frame rail construction provides superior resistance to bending and torsional loads while eliminating unnecessary weight.

Fully Hydraulic Brake

The fully hydraulic brake features high reliability, durability and serviceability. Optimum brake force yields maximum available braking under tough ground conditions for best control. Unique variable front to rear brake proportioning maximizes stop performance under slippery road conditions.

Note: The load indicators are optional.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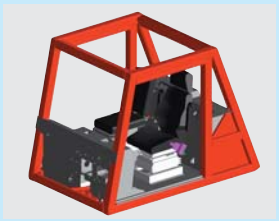
EH750

Ease of Operation



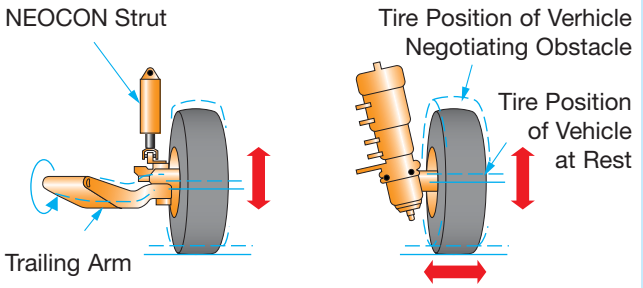
HI-TECH ROPS / FOPS Cabin

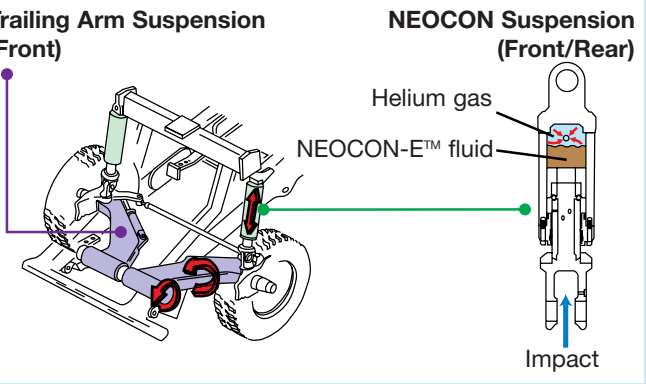
The new HI-TECH (Hitachi Technology) ROPS / FOPS Cabin features increase window area thus providing better visibility. The cabin uses double-wall construction and a 3-point rubber iso-mount to absorb shocks and noise. The new larger operator door allows easy boarding. The new high powered and reliable air conditioning unit offers a comfortable operator environment. The new Hitachi controller from Hitachi excavators, released from the need for multiple computers, has high reliability with the traveling mode changing and shift shock reduction system.

Electronic Hoist Control

The electronic hoist control reduces operator effort when the body is raised and lowered. This decreases operator fatigue and increases productivity.

Front Axle Trailing Arm design with NEOCON(TM) Suspension





The independent front axle trailing arm coupled with NEOCON suspension cylinders reduces suspensioninduced frame twisting while providing independent tire action.

Shift Automatic Transmission

Combination of CECII and the new Shift Energy Management (SEM) system enables the transmission to control speed and torque conditions during upshifts, as well as shifts from Neutral to First or Neutral to Reverse. Benefits are reduced driveline torque spikes and potential for increased clutch life, all while providing smoother shifts with minimal performance loss. The system can be programmed for specific hauling applications, therefore improving the overall performance while reducing operating costs.

Foot-Operated Retarder

With the foot-operated retarder brake, the operator can keep his eyes on the road without taking his hand from the wheel. This air-less system provides consistent performance and faster response time while increasing reliability and reducing downtime.

Load-and-Dump Brake

The load-and-dump brake is applied at the touch of a switch locking the rear brakes at full pressure.

Large Storage Box

A large storage box is provided in the cabin, having hot and cold function and enough space to hold food and drink for long-hour operation.

Note: The load indicators are optional.

EH750-2

These specifications are subject to change without notice.
Illustrations and photos show the standard models, and may or may not include optional equipment, accessoires, and all standard equipment.
Before use, go through Operator's Manual for proper operation.

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