

Used Excavating Machine - Official Technical Overview & Datasheet

EXECUTIVE SUMMARY

Our range of pre-owned excavating machines represents a strategic investment for contractors and mining operators seeking to balance capital expenditure with high-performance earthmoving capability. Each unit undergoes rigorous inspection and reconditioning, delivering the reliability and productivity expected of modern heavy equipment. From urban construction sites with tight access restrictions to large-scale aggregate and mining operations, these machines provide the versatility and durability to handle diverse material handling, digging, and loading tasks .

The value proposition of our used excavator inventory extends beyond initial cost savings. By selecting a certified used model, customers gain access to proven platforms with established aftermarket support networks, reducing total cost of ownership through parts availability and service familiarity. Whether a compact model for utility work or a large crawler excavator for heavy excavation, each unit offers immediate operational readiness and predictable performance .



STRUCTURAL INTEGRITY & POWERTRAIN

The core of our used excavators is a robust chassis fabricated from high-grade rolled steel, engineered for torsional rigidity and impact resistance in demanding environments. The undercarriage, a critical component for machine longevity, is built with sealed track chains and heavy-duty rollers designed to minimize wear and maintain stability. On models like the Hitachi EX300-2, the operating weight can reach approximately 63,052 lbs, underscoring the solid construction required for heavy lifting .

Powertrain options include industry-proven diesel engines from manufacturers such as Isuzu, Yanmar, and Kubota, known for their fuel efficiency and durability. For instance, the Isuzu 6SDITPD engine, found in larger excavators, delivers over 217 horsepower, while compact units feature Yanmar or Kubota engines

meeting Tier 4 Final emissions standards, balancing power with environmental compliance . These engines are coupled with high-efficiency hydraulic systems that convert engine output into precise, powerful digging forces, ensuring optimal performance with minimal energy waste.

KEY FEATURES & OPERATOR COMFORT

- Load-Sensing Hydraulics: Advanced hydraulic systems automatically adjust flow and pressure to match the demands of the work being performed, resulting in fine control for delicate operations and maximum power for heavy digging, leading to improved fuel economy and reduced cycle times.
- Certified ROPS/FOPS Cab: The operator cabin is certified to ROPS (Roll Over Protective Structure) and FOPS (Falling Object Protective Structure) standards, ensuring safety in the event of a rollover or impact from debris . The spacious interior is designed to reduce operator fatigue with features like automatic climate control (A/C and heating) and adjustable, suspended seating .
- Smart Control Panel: An advanced multi-functional display provides real-time data on machine health, including engine RPM, hydraulic oil temperature, fuel consumption, and diagnostic codes. This panel allows the operator to monitor performance and proactively manage maintenance intervals .
- Advanced Attachment Versatility: Machines are equipped with auxiliary hydraulic circuits that enable the use of a wide range of attachments, including hydraulic thumbs, quick couplers, and specialized buckets. This feature

transforms the excavator into a multi-tool platform capable of handling demolition, grading, and material sorting tasks .

COMPLIANCE & SAFETY STANDARDS

Our used excavators are certified to meet key international manufacturing and operational standards. Compliance with ISO 9001 for quality management ensures that our reconditioning processes meet stringent criteria. Environmentally, engines comply with EPA Tier 4 Final and EU Stage II emission regulations where applicable, significantly reducing particulate matter and NOx emissions . Safety is paramount, with machines featuring electronic security systems, secondary engine shutoff switches, and enhanced lighting for visibility, ensuring they meet CE and OSHA guidelines for workplace safety .

TECHNICAL SPECIFICATIONS

The following table presents key technical parameters for a representative range of used excavators, demonstrating the diversity in size and capability to match project requirements.

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#f2f2f2;'>Parameter</th><th style='padding: 8px; text-align: left; background-color: #f2f2f2;'>Mini Excavator (e.g., XCMG XE35U)</th><th style='padding: 8px; text-align: left; background-color: #f2f2f2;'>Mid-Size Excavator (e.g., Hyundai HX160A)</th><th style='padding: 8px; text-align: left; background-color: #f2f2f2;'>Large Excavator (e.g., Hitachi EX300-2)</th></tr>							
<td >217="" >24="" >horsepower<="" >~160="" <="" (gross)="" <tr="" hp="" hp<="" style="padding: 8px; border: 1px solid #ddd;" td><="" td><td="" tr>=""> <td >16,000="" >4,200="" >63,052="" >operating="" <="" (9,259="" <tr="" kg="" kg<="" lbs="" lbs)="" style="padding: 8px; border: 1px solid #ddd;" td><="" td><td="" tr>="" weight<=""> <td >10="" >22.5="" >max="" >variable<="" <="" (standard)="" <tr="" depth<="" digging="" ft="" style="padding: 8px; border: 1px solid #ddd;" td><="" td><td="" tr>=""> <td >fuel<="" style="padding: 8px; border: 1px solid #ddd;" td=""> <td></td> <td></td> <td></td> </td></td></td></td>	<td >16,000="" >4,200="" >63,052="" >operating="" <="" (9,259="" <tr="" kg="" kg<="" lbs="" lbs)="" style="padding: 8px; border: 1px solid #ddd;" td><="" td><td="" tr>="" weight<=""> <td >10="" >22.5="" >max="" >variable<="" <="" (standard)="" <tr="" depth<="" digging="" ft="" style="padding: 8px; border: 1px solid #ddd;" td><="" td><td="" tr>=""> <td >fuel<="" style="padding: 8px; border: 1px solid #ddd;" td=""> <td></td> <td></td> <td></td> </td></td></td>	<td >10="" >22.5="" >max="" >variable<="" <="" (standard)="" <tr="" depth<="" digging="" ft="" style="padding: 8px; border: 1px solid #ddd;" td><="" td><td="" tr>=""> <td >fuel<="" style="padding: 8px; border: 1px solid #ddd;" td=""> <td></td> <td></td> <td></td> </td></td>	<td >fuel<="" style="padding: 8px; border: 1px solid #ddd;" td=""> <td></td> <td></td> <td></td> </td>	<td></td> <td></td> <td></td>			

Capacity	10.6 gal	~ 80 gal	134.8 gal
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