

### Hitachi Introduces Two Industrial Hammers Featuring User Vibration Protection (UVP) Technology

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**NORCROSS, GA**– Hitachi Power Tools today unveiled two new SDS Max concrete and masonry hammers with minimal vibration and impressive performance. The DH40MRY Rotary Hammer and the H45MRY Demolition Hammer have best-in-class impact energy and material removal rates due to new technology that also increases user safety and comfort. Hitachi's patented User Vibration Protection (UVP) reduces the full-load tri-axial vibration of these tools by up to 60% to significantly decrease end user fatigue while extending tool life by 30%. The combination of less vibration, well-designed comfort features, and optimized striking performance adds up to unmatched productivity from the DH40MRY and H45MRY.

Hitachi's innovative engineering and distinctive designs incorporate UVP technology to minimize vibration while delivering maximum force to the work material. The powerful impacts from the demolition hammer and rotary hammer are offset by a dynamic counterweight and a system of dampers in the switch handle. A reduction in tri-axial (vertical, horizontal and side-to-side) vibration proves to protect the user from long-term exposure and, also, allows up to six times more trigger time before reaching the recommended Daily Exposure Action Value, or limit of time spent exposed to mechanical vibration. This dedicated anti-vibration mechanism reduces the full-load tri-axial vibration by 56% in the DH40MRY and 60% in the H45MRY. With less vibration, both the user and the tool will last longer.

Under harsh working conditions, durability and endurance are vital. The DH40MRY and H45MRY have extended wear carbon brushes that last 56% longer than traditional brushes with an auto-stop feature to alert the user in time for simple and routine maintenance checks. To prevent additional wear on the tool, an idle strike restrictor prevents no-load activation. The dust-proof structures with oil seals and o-rings guard the switches and internal components from harmful debris, while sealed lubrication systems prevent grease leakage.

Designed with powerful 9.2 Amp motors with 950 watts of input power, the DH40MRY and H45MRY out spec the competition with optimized striking through more efficient transmission of power. These hammers use less piston force yet deliver best-in-class impact energy. Both models rank first in material removal speed and, additionally, the DH40MRY drills 8.5 inches per minute through concrete. Greater striking power and lower vibration collaborate to increase productivity between 6 and 7 times that of competitive models, letting you work smarter, not harder.

SDS Max accessories can easily be changed with the quick release function and a 12-position variable lock mechanism allows for simple bit adjustment for an optimal working angle. Both models come with a cushioned 360° adjustable side handle, attached with a rigid steel bracket that can be removed when working in tight spaces for better maneuverability.



DH40MRY  
Rotary  
Hammer

H45MRY  
Demolition  
Hammer

In addition to these features, the H45MRY Demolition Hammer has a lock-on trigger for convenience during extended operation. Concrete, stone and other masonry materials can be quickly demolished with 3,000 BPM and 9.4 ft/lbs of impact energy. Chipping, scaling, digging and driving ground rods are no problem for this powerful demo hammer.

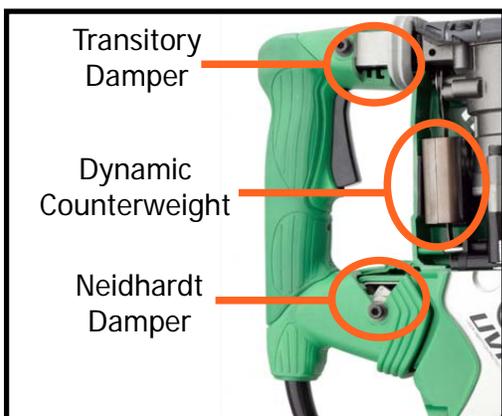
The DH40MRY Rotary Hammer operates in two modes- hammer drilling and hammer only- and boasts full-load RPM between 240 and 480 with an impact rate of 1,320-2,650 BPM. Electronic variable speed control allows the user to decelerate and protect softer materials, such as brick, or go full speed for rapid results. Constant speed control gives the user steady performance, even under a variable work load. The top-mounted depth gauge allows for accurate drilling and a slip clutch protects both the user and gears of the tool in the event of a jam.

A 12" bull point bit is included with the H45MRY. Both models come complete with a secure grip side handle and an injection molded carrying case that provides ample room for storage of bits and accessories. For more information including the full line of Hitachi products and support, please contact Hitachi Power Tools at 1-800-829-4752 or visit [www.hitachipowertools.com](http://www.hitachipowertools.com).

## HITACHI POWER TOOLS U.S.A.

Hitachi Power Tools carries an extensive line of professional grade tools and accessories for woodworking, metalworking, concrete drilling and cutting, as well as a complete line of pneumatic nailers, staplers, compressors and collated fasteners. During the 1980s Hitachi Power Tools U.S.A. built its reputation for quality on the success of its pneumatic framing nailer and sliding compound miter saws. In 1995 Hitachi Power Tools U.S.A. was renamed Hitachi Koki U.S.A. to denote the addition of manufacturing to the United States.

From headquarters in Atlanta, GA, and satellite offices in Jefferson, GA, Valencia, CA and Toronto ONT, Hitachi Koki U.S.A. supports nearly 2000 retail locations carrying Hitachi tools and over 1000 authorized service centers. The field sales force and service technicians constantly provide information to engineers to refine and upgrade the product selection. Many tools in the line are designed and offered for use only in North America. With dozens of new models already in development, Hitachi Power Tools enters the 21st century continuing to offer the highest level of professional power tools available.



### User Vibration Protection

Dynamic counterweight and handle damper system reduces vibration and extends tool life.



### Optimized Striking

Uses less piston force yet yields more impact energy, providing best-in-class performance.