

For Immediate Release

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HOOVER® COMMERCIAL & American Institute for Cleaning Sciences Release Results of Cordless Upright Vacuum Time-and-Motion Study

Commercial Cordless Upright Vacuum Enables Staff to Clean up to 5X Fasteri

CHARLOTTE, **N.C.** — Vacuuming, trash removal and rest room cleaning represent 75-80% of the total cost of cleaning a commercial building. With this level of investment, it's imperative for building service contractors and in-house service to understand their practical production rates in order to perform accurate job costing and workloading. While workers' daily vacuuming hours may vary, there are numerous factors impacting productivity. One factor is the type of equipment used to clean. The advent of cordless cleaning solutions for the commercial industry helps improve productivity while mitigating the risk of slips, trips and falls.

Hoover Commercial engaged the American Institute for Cleaning Sciences (AICS) to conduct a practical time-and-motion study to verify the launch of its HUSHTONE™ Cordless Upright Vacuum later this month. Conducting these studies is considered a best practice to support building service contractors and in-house service for job costing and workloading. The results showed that use of a cordless upright vacuum enabled participants to clean up to 5X faster than a corded upright vacuum.^{III}

"Cordless commercial vacuums are the future of cleaning," said Dave Frank, CEO, American Institute for Cleaning Sciences. "This ground-breaking innovation helps contract cleaners and inhouse operators stream-line their processes to help improve efficiencies and reduce costs due to asset damage and workers comp claims due to slips, trips and falls."

The HUSHTONE Cordless Upright Vacuum helps increase cleaning workers' productivity while reducing worker fatigue. One way it accomplishes this is by allowing employees to move in the most efficient cleaning patterns, by not being bound to a cord. With this freedom of movement, crews can clean up to 5X faster than with a corded upright. It also helps reduce the slip, trip and fall risk from cords, which is especially important considering falls, slips, and trips accounted for 27 percent of the total occupational injuries and illnesses in 2015.

"Hoover Commercial is striving to become the leader in cordless cleaning technology," said Stephanie Mitchell, Marketing Director, TTI Commercial Cleaning. "We're looking forward to bringing the HUSHTONE Cordless Upright Vacuum to market and are confident building service contractors and cleaning workers will enjoy the benefits. This study allows us to provide practical data to our customers to support adoption of cordless cleaning solutions in their business."

To download the complete practical time-and-motion study or for more information on the HUSHTONE Cordless Upright Vacuum, go to HooverCommercial.com.

About Hoover Commercial

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Hoover Commercial, one of TTI Floor Care North America's family of brands, provides commercial surface-care products designed to improve productivity and cleaning performance. Innovative products and cordless technology supports professional cleaning companies in maintaining safe, productive and clean environments. Hoover Commercial serves the cleaning professionals in property management, hospitality, healthcare, foodservice, and other large high-traffic commercial operations, where speed and performance are key. To learn more, visit www.hoovercommercial.com.

About American Institute for Cleaning Sciences (AICS)

AICS, which published the study, is the cleaning industry's preeminent consulting firm in the commercial cleaning industry, serving property managers, building service contractors, in-house service providers, manufacturers and distributors. To learn more, visit www.aics.com.

¹ In a Class A office building compared to a corded upright vacuum based on ISSA's 612 Cleaning Times & Tasks (2014), according to a time and motion study conducted by the American Institute for Cleaning Sciences, available at HooverCommercial.com.

ii American Institute for Cleaning Sciences, aics.com.

iii In a Class A office building compared to a corded upright vacuum based on ISSA's 612 Cleaning Times & Tasks (2014), according to a time and motion study conducted by the American Institute for Cleaning Sciences, available at HooverCommercial.com.

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^v Bureau of Labor Statistics, November 2016.