

Let the FORTIS® Tool Arm Give You a Hand!

Load-carrying FORTIS Tool Arm is newest industrial productivity and safety solution

ORLANDO, Fla., April 20, 2017 /[PRNewswire](#)/ -- The key weight-bearing component of Lockheed Martin's (NYSE: LMT) industry-leading [FORTIS® industrial exoskeleton](#) is now available as a separate product. Capable of supporting weight up to 50 pounds, the unpowered FORTIS Tool Arm relieves fatigue as users work with heavy industrial tools.

"In some cases, you want to support heavy tool loads like the FORTIS exoskeleton does, but don't need much mobility," said Glenn Kuller, Advanced and Special Programs vice president at Lockheed Martin Missiles and Fire Control. "Examples are when workers need to use tools on elevated platforms, at benches or with service vehicles. The tool arm transfers weight through these structures and provides the well-known safety and productivity benefits of FORTIS."


Craftspeople operating heavy, powered hand tools, especially when working overhead or on vertical surfaces, ordinarily have to support tool weight to accomplish the task. The FORTIS Tool Arm supports this load and isolates much of the vibration and torque kick from the tool. Users report two-thirds less fatigue, resulting in higher quality work, greater productivity and fewer musculoskeletal injuries.

FORTIS is an unpowered, lightweight exoskeleton that increases an operator's strength and endurance by transferring the weight of heavy loads from the operator's body directly to the ground through a series of joints at the hips, knees and ankles. Originating from Lockheed Martin's exoskeleton research to assist soldiers in carrying heavy equipment over long distances, the same principles have been applied for use in industrial settings. International design awards include Red Dot's Best of the Best, Green Good Design Award, SPARK and The Icon Award in 2014. Recently, the National Center for Manufacturing Sciences concluded that the FORTIS exoskeleton could mitigate nearly all injuries from industrial power tools by making them effectively weightless during operation.

About Lockheed Martin

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 97,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

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