

Maximizing robot ROI through 7th axis-enabled collaboration

While the majority of robots feature six axes of motion, adding a seventh simplifies the transport of a single robot to multiple locations, functioning as robot transfer units. Significantly boosting production and workflow, the 7th axis makes a strong business case for the capital investment of a robot.



A recent article (also published in *Design World*) covers the benefits of a 7th axis, including collision detection, an extended operating range and advanced programming capabilities, and looks at some of the applications in which human-robot collaboration can be advantageous.

[READ THE FULL ARTICLE](#)

[WATCH VIDEO ON THE FIRST EVER COLLABORATIVE 7TH AXIS](#)

Come see us at MD&M West in Anaheim Booth #1563

From February 4-6, 2025, in Anaheim, California, Thomson will be exhibiting at Medical Design & Development (MD&M West), showcasing a range of our compact components, including miniature lead screws, ball screws and stepper motor linear actuators. This year, we are joining forces as one Regal Rexnord, exhibiting alongside our family brands – [Portescap](#), [Warner Electric](#), [Kollmorgen](#) and [Stearns](#) – who will feature brakes, motors and other precision medical component solutions.



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