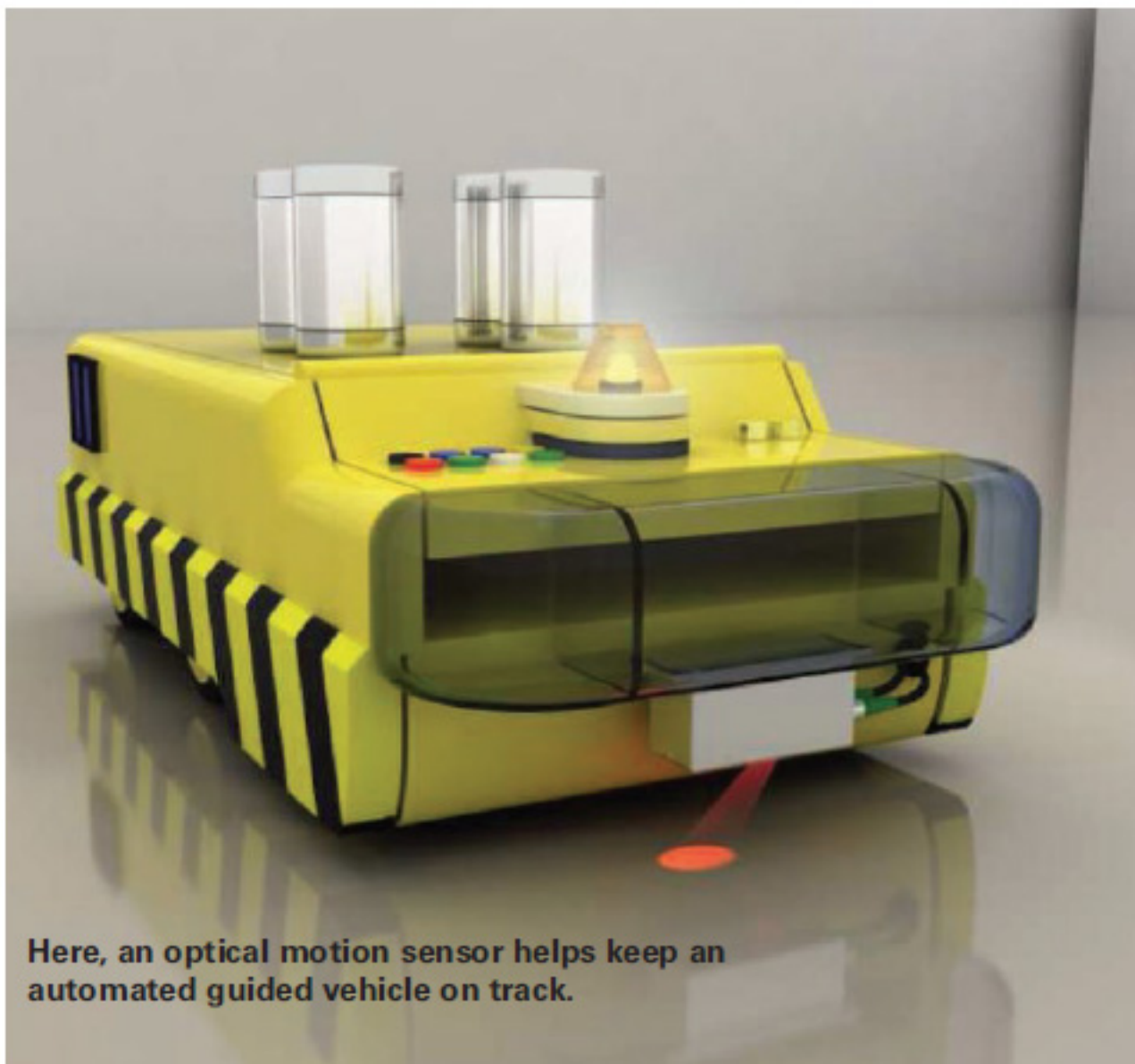


powerful microprocessors built into these devices calculate this frequency many times per second, providing an accurate estimate of the velocity of the object or surface moving across the sensor's view. The displacement of the object is calculated by numerically integrating the velocity signal.

Motion sensors operating in this way measure movement along a single axis. They feature accuracy to $\pm 0.05\%$ and dynamic response — making them useful in applications requiring precision or where accelerations and decelerations can degrade accuracy.

Typical applications where these sensors have been especially useful include high-quality wire production and precision coating applications. In these situations, the accuracy of these sensors means significant reductions in both material waste and overall production costs.

For more information on optical motion sensors, visit intacton.com or call (609) 750-8705. Otherwise, visit fraba.com.



Here, an optical motion sensor helps keep an automated guided vehicle on track.

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