

Traversing Unit

Robot Seventh Axis

Basic Description: Kawasaki's Traversing Base 7th Axis is designed with the same high standards as our robots. The direct drive system consists of a rack and pinion and precision rail mechanism. The integrated motion control and servo system maintain accurate repeatability rates.



The traversing base is controlled by the robot's standard C Controller, requiring no additional hardware. Available in track lengths from 1 to 20 meters with speeds up to 1000mm/second. Each 7th axis is complete with a cable track system to support robot cables and can be shrouded if required to work in harsh environments.

Special Features:

- Modular construction
- Allows the ability to access difficult areas avoiding obstructions.
- Using co-operative motion software, the transporter becomes a fully integrated axis of the robot.
- Teach pendant controlled, just like the other robot axes.
- Compatible with all applications which require extreme accuracy with precise path and velocity control.
- Increased work envelope while maintaining repeatability.
- Optional Cable Track System for tooling and peripheral equipment control.



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simply the highest performance robots on the planet

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