

Machine Builder Systems

Viper MBC Screw Driving Robot

Application: The Viper MBC is an engineered fastener feeding and installing robot system for assembly projects that require driving fasteners quickly and accurately. Visumatic now offers a complete modular package incorporating a 4-axis SCARA robot for seamless integration by machine builders.

The Viper MBC Complete Feed & Drive end of arm tooling for SCARA Robots

- Lean, efficient, extremely flexible for future production
- Built-in quality control with 4-axis NIST traceability XYZ Θ
- Highly accurate and lightning fast
- Torque capable to 150 in/lb with torque/angle control & monitoring
- Feeds & drives screws, nuts, bolts, and other fasteners
- Feeds & installs push pins, clips, headless inserts and more

The Visumatic Advant-Edge

The exclusive zero-offset design eliminates complex offset calculations. This simplified coordinate system makes jogging points easy and teaching new locations a snap.

The Viper MBC 4-axis screw driving systems are designed for your application, with your choice of DC electric driver tool system, a robust SCARA robot, and a Model 94 Feeder.



Visumatic Viper MBC offers these options:

- Adaptable pre-programmed screw driving robot control packages
- Configurable electrical handshaking and pneumatics on-board
- SPC data collection via protocols like DeviceNet & EtherNet/IP
- Vision Guidance and part inspection options
- Custom operator interface options including touch screen

Application Driven. Visumatic Proven.



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*When your spec calls for error-free
robotic assembly —
drop a Viper MBC in place and GO!*