

LPKF MotionSystem

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control systems

**Modular control
for precision drive systems**

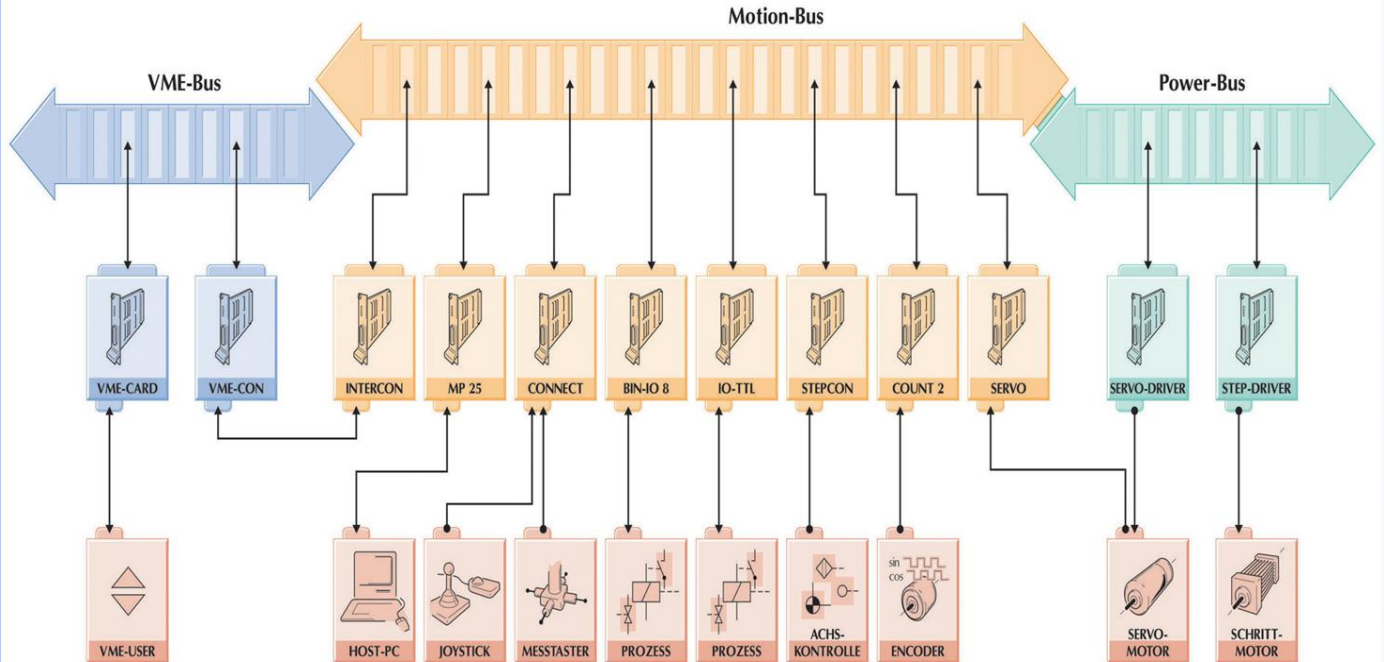


Synchronous path control over 6 axes





LPKF MotionSystem[®] Modular and universal device control



The MotionSystem is ideally for following applications:

- **structuring systems** with extreme request of the course accuracy, e.g. structuring and cutting machines, 2D and 3D milling systems
- **assembly and adjustment systems**, which can execute precise and complex movements.
- **control and inspection systems**, which permit due to high speed a 100% quality control in the production process

Special advantages are:

- **path control** in groups of 1... 6 axles with step -, servo or linear motors
- **high effectiveness** by absolute synchronous running over all axles, also with different motor types
- **linear and cyclic course interpolation** with dynamic generation of supporting place to $T=10\mu s$
- **Plug and Play** – The system is at any time simply expandable

Simple software link by API (application programmer INTERFACES) or LabView – drivers.