

Electromechanical Products & Services

Motion Controllers

Standalone or field-bus communications for up to 16 axes (Ethernet Powerlink); integrated machine logic with IEC 61131-3 programming structure; expandable external I/O to control entire machine.



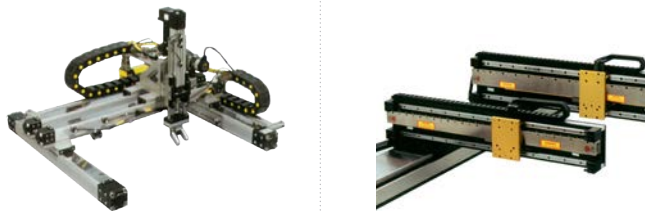
HMI Terminals

Up to 262,144 colours; analog resistive touch screen; hardened construction with NEMA 4 enclosures, (Class 1 Div 2 available); 60+ drivers preloaded; standard serial and Ethernet port for networking and controller communications; UL/cUL/CE rated; unlimited "tags"; ANDON, Parker Factory Floor displays.



Systems

We combine motors, gearheads, and positioning systems to deliver configured solutions ready for installation. Solutions include XY systems, Cartesian robots, gantry systems or completely custom configurations.



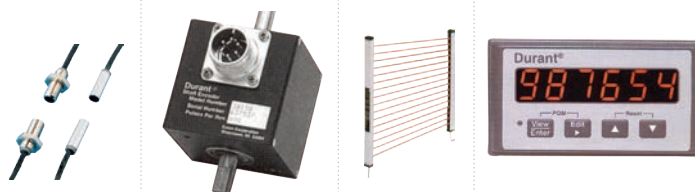
Custom Control Panels

Complete system integration utilizing electromechanical, pneumatic, hydraulic and industrial power tool technologies; integrated PLC/servo/VFD drive packages; certification to the latest standards.



Sensors & Industrial Controls

Photoelectric, proximity, safety, sub-miniature, fork, optical frame and specialty sensors, timers, ratemeters, counters, totalizers, digital panel meters, flow and temperature controls, encoders.



Technical Services

ENGINEERING

- System studies
- Programming
- Communication
- Simulation and tests
- Commissioning
- Complete documentation

TRAINING

- Documentation
- Operation and maintenance manuals
- Training of maintenance and production personnel



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Mechanical Positioning Systems

Linear Motor positioners, ballscrew, beltdrive, roller screw actuators with integrated servo motors and controllers; mechanical & servo-driven indexing tables.



Gearheads, Gearmotors, Brakes and Clutches

Precision Planetary, Helical, Bevel, Helical-Bevel and Helical Worm drive gearboxes; available with or without integrated servo or ac induction motors.

Spring Loaded and Electromechanical brakes with "fail safe" and "smart features" for controlled torque applications.



AC/DC Drives

V/f, sensorless, flux vector, with analogue/digital feedback and advanced "function block" programming. Major industrial communication protocols including FireWire, HVAC building Automation Protocols supported.



Stepper & Servo Motors & Drives

Servo, linear servo, and stepper motors, and drives; synchronous and asynchronous; basic & full-featured drives/controllers with IEC 61131-3 programming; multiple field-bus communications including Ethernet IP.

Ethernet IP is included with every drive



Other Wainbee Product Groups:
Pneumatics | Industrial Power Tools | Filtration
Hydraulics | Vacuum | Machining Components

Some products and services are not available in all regions. Contact your nearest Wainbee branch for details.