

Altanium Servo Control

Easy to use servo actuation for all of your mold movements



Benefits:

- Customizable servo control, simple and intuitive operation
- High precision motion control for every mold motion
- Clean actuation with no risk of oil contamination
- Dedicated application engineering support
- Global start-up and service support

Features:

- User programmable mold servo actuation for up to 6 axes plus one axis for UltraSync-E control
- Integrated servo and temperature control in one unit
- 19" touch screen interface
- Simplified signal interface with injection molding machine

As the industry continues to move away from hydraulic and pneumatics, servos are quickly becoming the new standard for actuating mold movements. Our Altanium Servo Control technology has been tailor made for the molding industry. This dependable and flexible approach to controlling many different aspects of the mold provides users a solution that they can trust. Based on the Altanium Matrix2 platform, Altanium Servo Control is the first fully integrated servo and temperature controller on the market that is globally supported from start-up to production.

Complete Control and Support

When we looked at how a next generation controller should perform, we didn't just improve the existing platform, we looked past that technology and designed a controller that would leap ahead to a whole new level in the industry. A system that was extremely reliable and could also

provide superior, high precision control that includes:

- Any combination of linear and rotary actuation for up to 6 axes
- Stand alone or integrated servo control functionality that can be combined with up to 255 zones of temperature and UltraSync-E control. All of this control is accessible from a single operator interface
- Industry's largest full color touch screen interface
- Global on-site start-up support available
- Support for many common brands of motors and actuators including Baumuller and Exlar
- High precision motion control with multi-step motion profiling and absolute position feedback
- Standard and user defined signal interface to the machine

HUSKY®

Keeping our customers in the lead

Altanium Servo Control Operator Interface Screens

Servo Home

- Overview of all axes
- Axis grouping for easy parameter changes and manual operations
- Access to all Servo Control screens
- View status, force and positions per axis
- Dynamic axis position indicators
- Manual motion operations: indexing, home position, calibrate
- Two-speed manual jogging



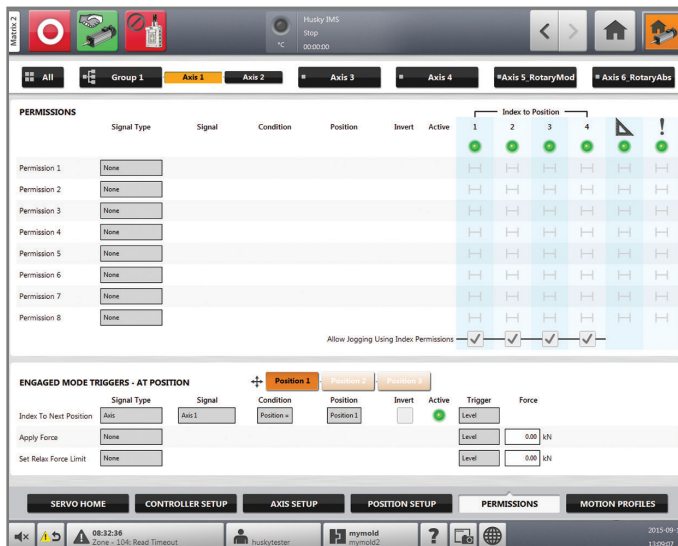
Axis Setup

- Add custom names to individual axes, positions and I/O signals
- User configurable digital I/O for indexing and interlock signals from injection molding machine
- Position and force warning and alarm settings



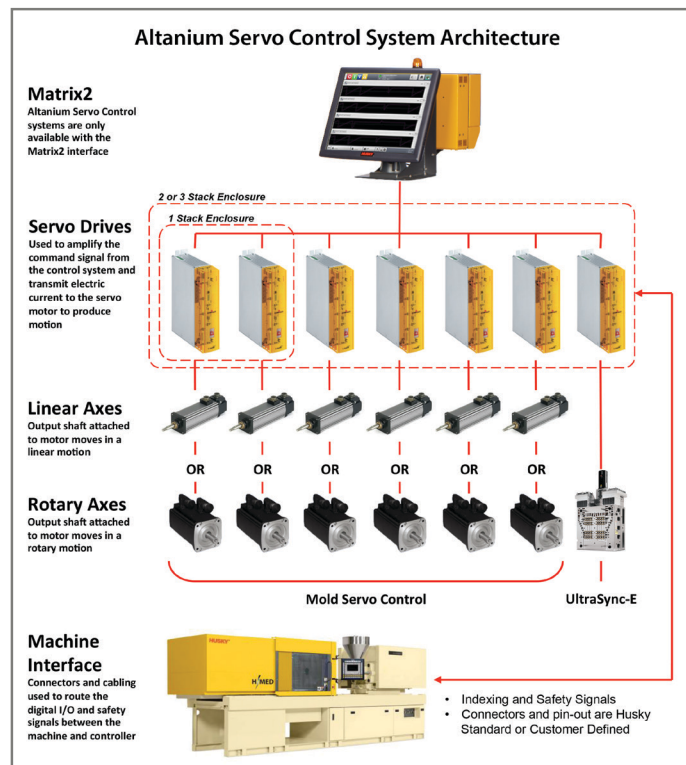
Servo Permissions

- Define various actuation permissions
- Interlocks with other axes or signals
- Select trigger or axis position for motion start



Motion Profiles and Graphs

- Define target positions
- Up to four indexed moves per axis
- Four profile steps per indexed move
- Speed and acceleration per step
- Force limits and delay timers
- Speed and force curves per axis
- Speed and force limits per axis
- View time or position per indexed motion
- Peak force per indexed motion
- Discrete curve details



Husky Injection Molding Systems
www.husky.co

Head Office
Asia
Europe

Canada • Tel. (905) 951 5000 • Fax (905) 951 5384
China • Tel. (86) 21 2033 1000 • Fax (86) 21 5048 4900
Luxembourg • Tel. (352) 52 11 51 • Fax (352) 52 60 10

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