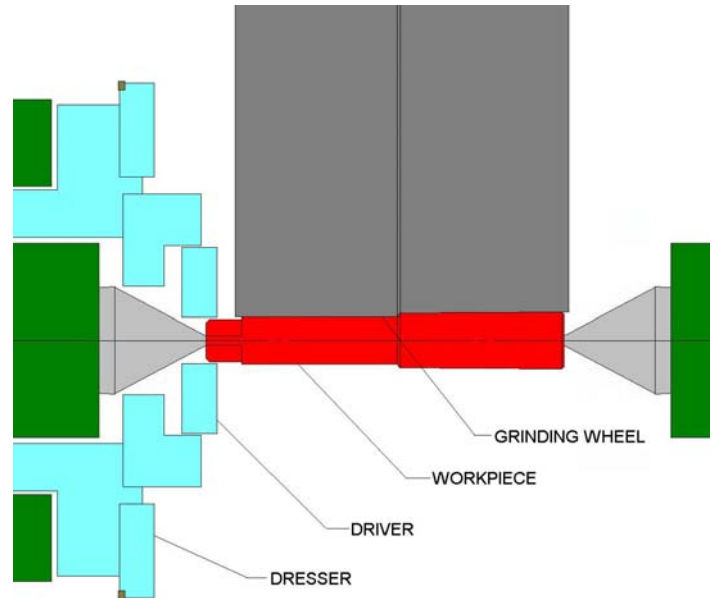
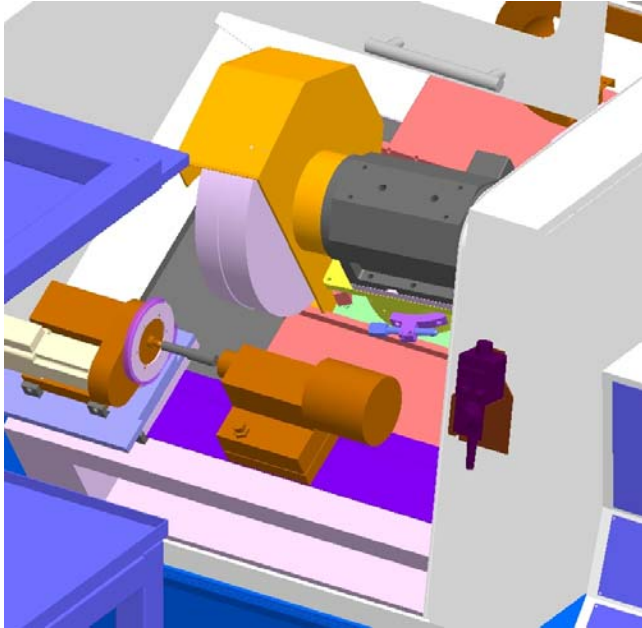


Accura™ C Compact Cylindrical Grinder – Between-Centers

MACHINE: Accura™ C CNC Grinder – Between Centers Work Area Configuration



DESCRIPTION: The between centers configuration of the Accura™ C delivers state-of-the-art technology in a cost-effective package. The Accura™ C merges a granite slant-bed with linear motors and high-performance controls. These core features are the bases for the machine's speed and accuracy.

The natural granite base has excellent vibration damping characteristics. Natural granite also exhibits extreme rigidity and dimensional stability. The base's slide mounting surface is slanted for improved coolant and swarf flow, easier access, and reduced floor space.

The CNC motion system is designed for smooth, rigid and controlled motion. Each slide carriage is supported by high load capacity, linear guide bearings. These bearings are extremely resistant to deflection in all directions. Linear motors drive the X and Z-axes. Linear motors provide highly dynamic feed force that remains consistent throughout the life of the machine. Slide position is monitored by linear glass scales. Programming resolution is 0.1 μm . The stiff slide bearings, smooth linear motors and accurate glass scales produce the ideal motion system for a precision grinding machine.

The work area protected by a fabricated sheet steel enclosure. The guard is designed to afford maximum operator safety and coolant containment, while maintaining ease of access.

NOTES: Available options include automatic wheel balancer, acoustic emission monitoring system, touch probe for axial offsets, in-process gage size control, automated parts handling system, mist collection system and coolant filtration system.