USACH

OD Grinding Systems

800-843-8801
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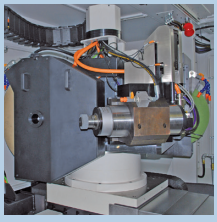
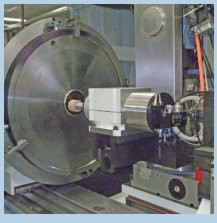
HARDINGE

USACH OD GRINDING MACHINES

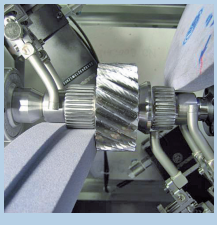


Turret
Fully programmable multi-spindle turret

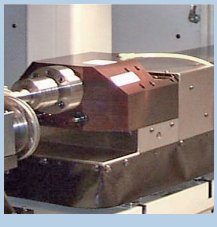


Swing Capacity up to 1180mm (46.5")

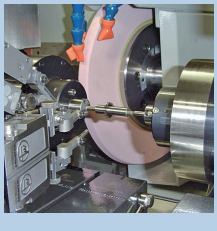
Self-Centering Steady Rests



Simultaneous Grinding
Grinding of multiple diameters and faces using 2 opposing wheelheads

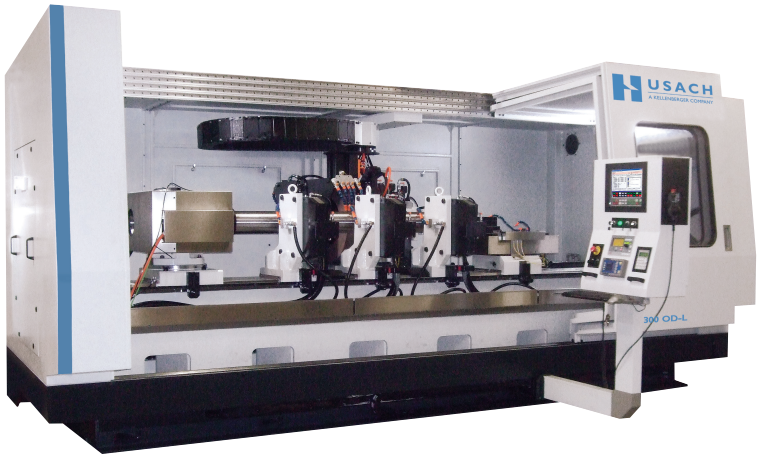


CNC Tailstock



Two Synchronized Workheads

Automation
Production grinding system including part probing system, in-process gaging, 7 axes overhead robot and part conveyors



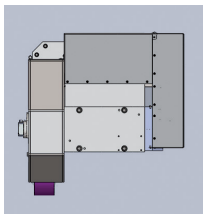
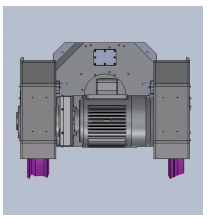
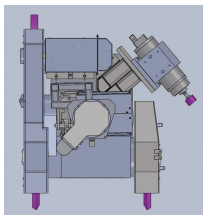
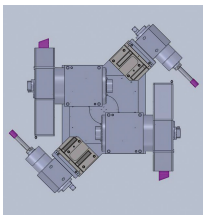
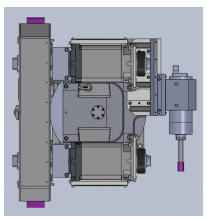
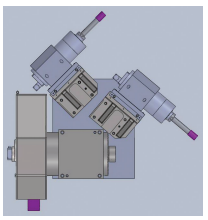
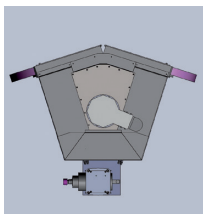
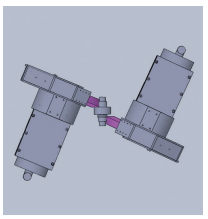
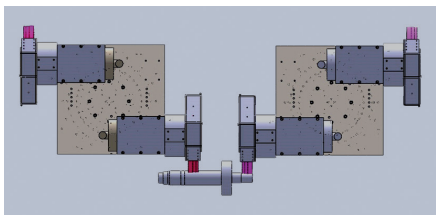
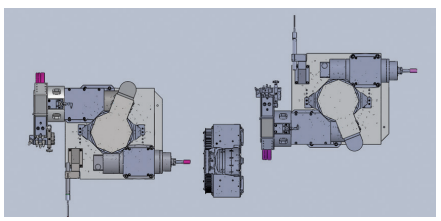
TECHNICAL DETAILS

	150 OD-L	200 OD-L	300 OD-L	500 OD-L
Max workpiece weight	907kg (2,000 lbs.)	1,588kg (3,500 lbs.)	1,588kg (3,500 lbs.)	1,588kg (3,500 lbs.)
Distance between centers	1200mm (47")	2000mm (80")	3500mm (138")	5000mm (200")
Max swing diameter	660mm (26")	1066mm (42")	1180mm (46.5")	1180mm (46.5"
Max grinding wheel diameter	760mm (30")	760mm (30")	760mm (30")	760mm (30")

MACHINE CONSTRUCTION

SINGLE WHEELHEAD, TURRET CONFIGURATIONS AND SPECIAL SOLUTIONS

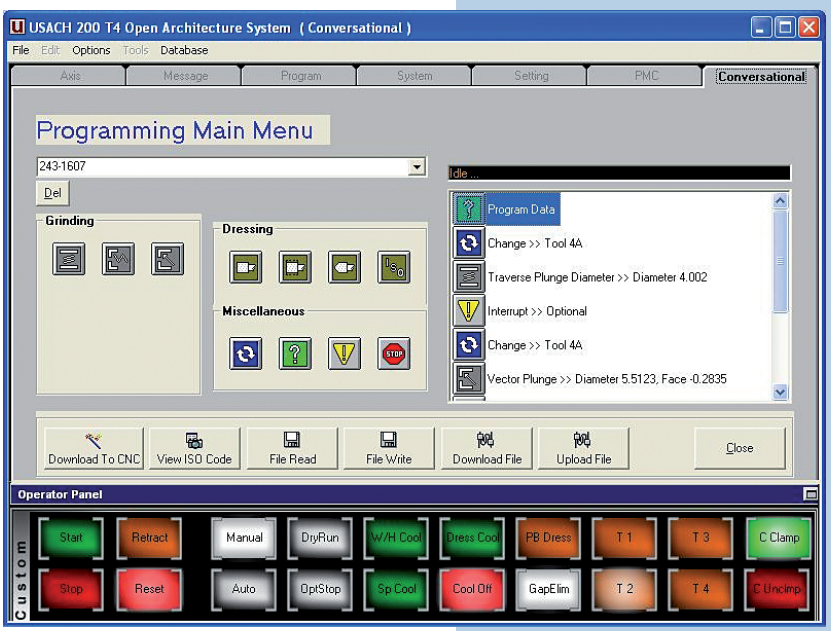
Whether the solution requires a single wheelhead, multiple wheelheads (OD and ID) on a turret or simultaneous grinding, we have the solution.

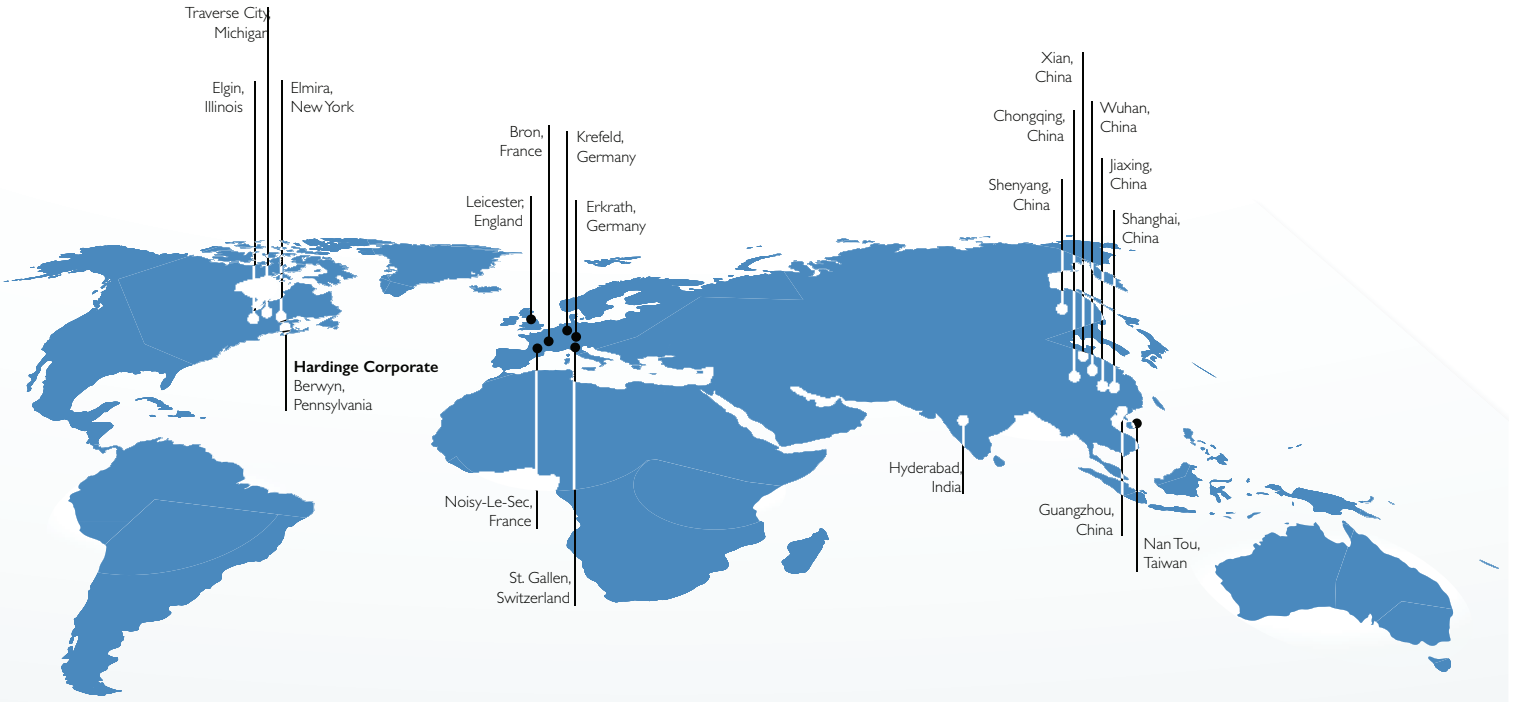











CONTROL SYSTEM

Siemens or FANUC

USACH OPEN ARCHITECTURE SYSTEM PROGRAMMING SOFTWARE





HARDINGE COMPANIES WORLDWIDE

Hardinge is a leading international provider of advanced metal-cutting solutions. We provide a full spectrum of highly reliable CNC turning, milling, and grinding machines as well as technologically advanced workholding accessories.

The diverse products we offer enable us to support a variety of market applications in industries including aerospace, agricultural, automotive, construction, consumer products, defense, energy, medical, technology, transportation and more.

We've developed a strong global presence with manufacturing operations in North America, Europe, and Asia. Hardinge applies its engineering and applications expertise to provide your company with the right machine tool solution and support every time.

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