

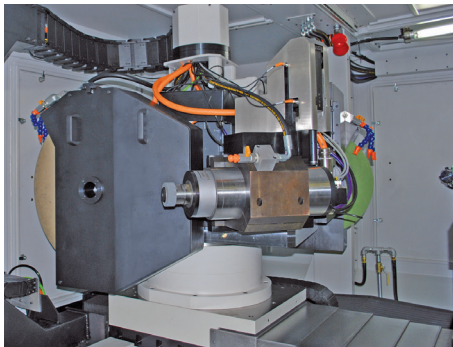
USACH

OD GRINDING SYSTEMS

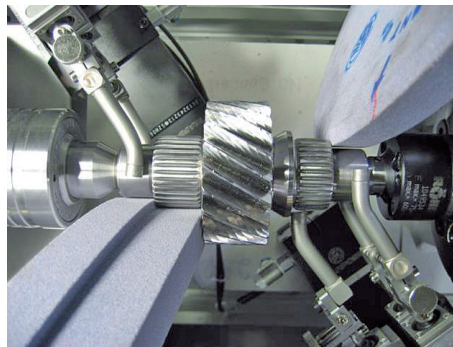


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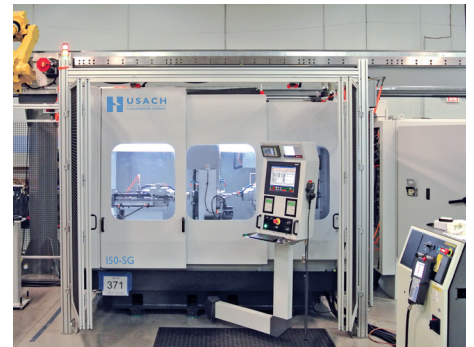
OD GRINDING SYSTEMS



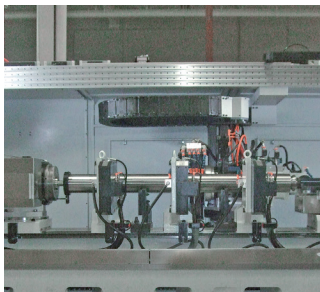
Turret
Fully programmable multi-spindle turret



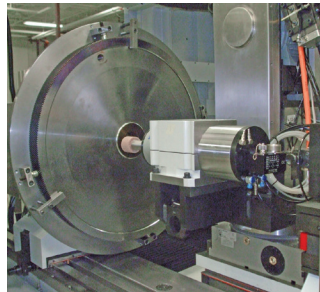
Simultaneous Grinding
Grinding of multiple diameters and faces using 2 opposing wheelheads



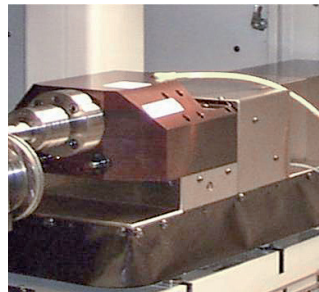
Automation Production grinding system including part probing system, in-process gaging, 7 axes overhead robot and part conveyors



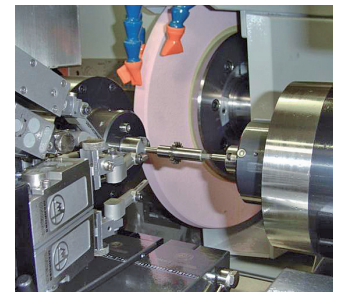
Self-Centering Steady Rests



Swing Capacity up to 1180mm (46.5")



CNC Tailstock

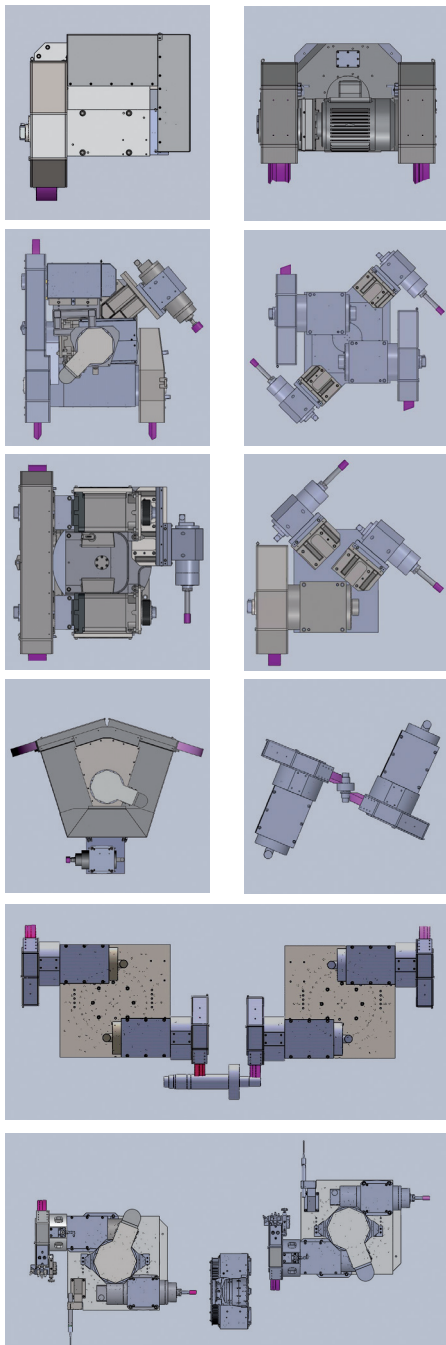


Two Synchronized Workheads

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.

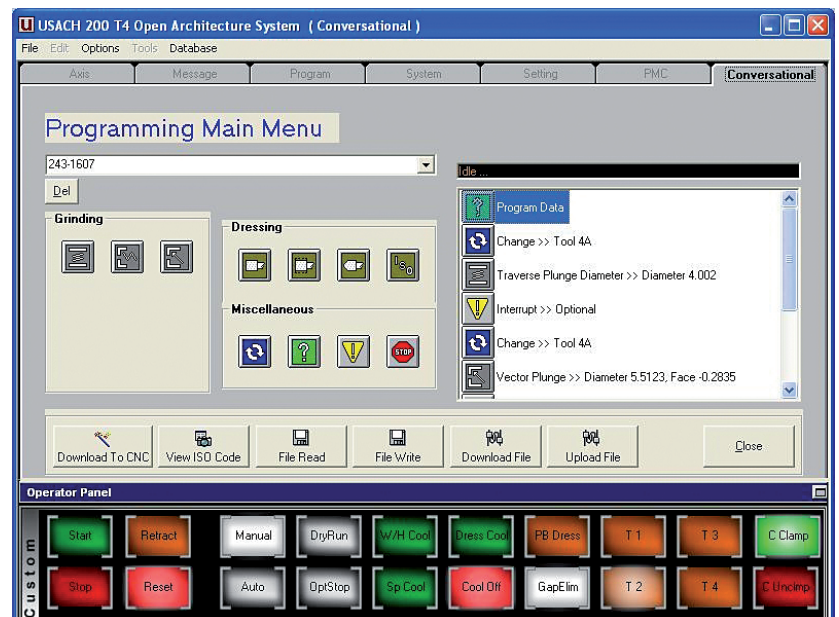


CONTROL SYSTEM

Siemens or Fanuc



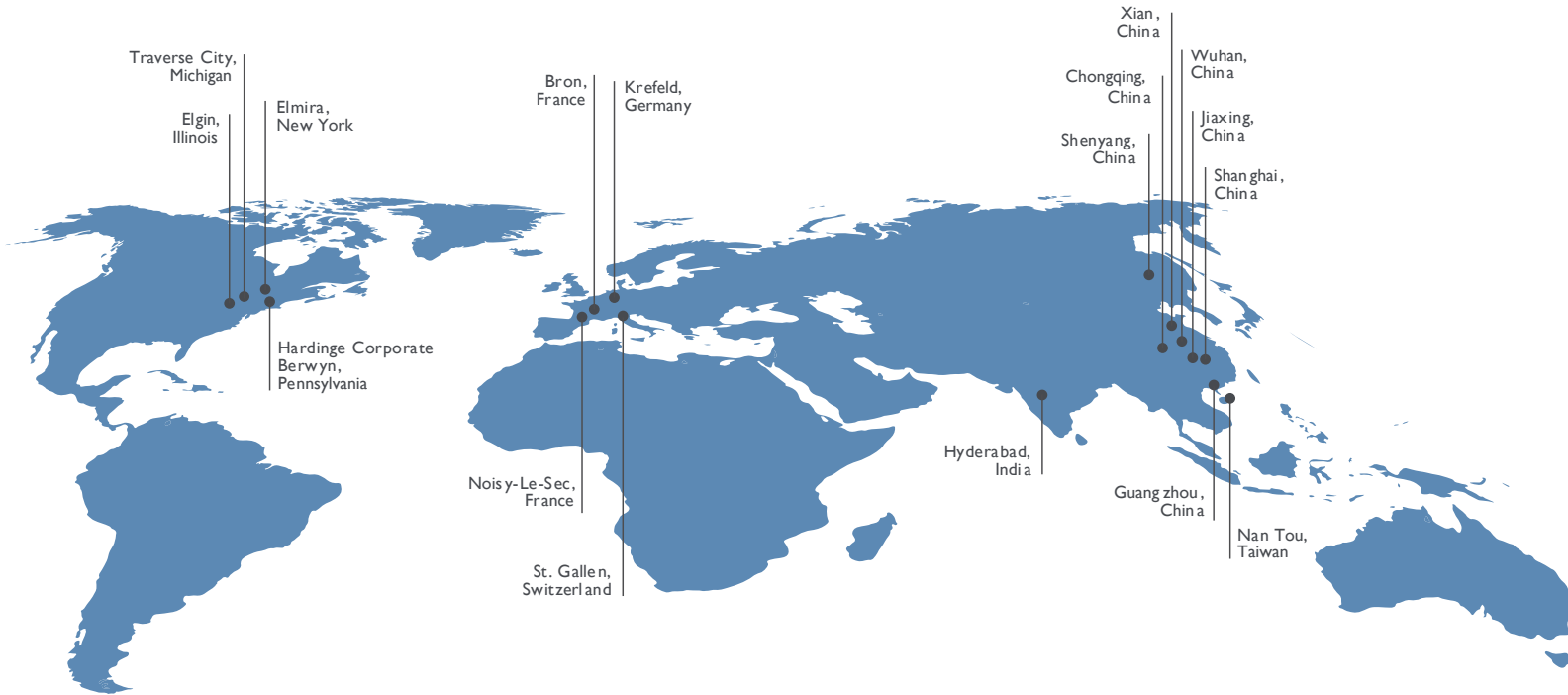
USACH OPEN ARCHITECTURE SYSTEM PROGRAMMING SOFTWARE



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")

HARDINGE 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.

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