



# 1632 Gold CNC Grinder



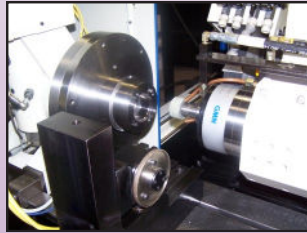
FANUC  
180iTB CNC  
control

Dittel Acous-  
tic emissions  
sensor

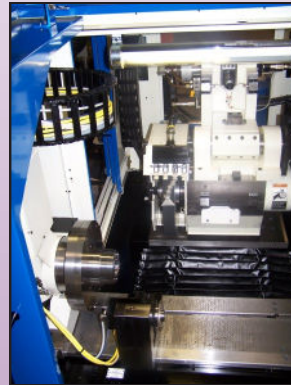
SBS wheel  
balancer



OD and ID bearing races  
are ground out-of-round in  
bi-lobe and tri-lobe confi-  
gurations



Swing-down ID grinding  
system and rotary dresser;  
ALOX and CBN capable



OD spindle  
in straight  
wheelhead  
configuration  
for round and  
non-round  
grinding  
using both  
conventional  
and CBN  
abrasives

<b>Customer:</b>	Bearing Manufacturer
<b>Application:</b>	Aerospace Bearings (M-50 & 440C Stainless)
<b>Configuration:</b>	Dual spindle, OD/ID Custom workholding Live spindle workhead, programmable Aluminum Oxide and CBN abrasives OD and ID electric rotary dressers
<b>Process:</b>	Plunge grind with chopping OD and ID bearing race Non-round, bi and tri-lobe
<b>Attributes:</b>	Diameter tolerance +/- .0002" Surface finish 8 to 10 Ra
<b>Featuring:</b>	<u>SBS</u> automatic wheel balancer <u>Dittel</u> acoustic emissions sensor <u>FANUC</u> 180i CNC control with high speed self learning servo system <u>Universal</u> electric dressers, <u>GMN</u> high frequency ID grinding spindle