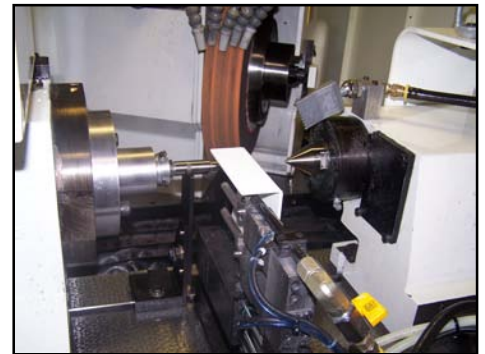




## 324A Midas Case Study, April 2006



*Customer:* SEW Eurodrive, Lyman, SC      *Application:* Gear Shafts  
*Material:* 16MnCr5

*Configuration:* Angular wheelhead  
ALOX formed grinding wheels  
Custom drivers to engage gear teeth  
In-process and post-process gaging  
Robotic cell tending  
Automatic robot tool changing  
Vision system for non-precision palletizing

*Process:* Fully automatic formed wheel plunge  
grind of multi-diameters and shoulder.

*Notable:* Full turnkey for family of 14 (fourteen) part numbers; grinder, tooling, gaging,  
blow-off, safety enclosure, light curtains, robotic tending.

*Featuring:* **GE FANUC 18i TB** CNC control, **MARPOSS** in-process and post process gaging,  
**SBS** wheel balancer, **DITTEL** acoustic emissions sensor  
**FANUC ROBOTICS 710i**, **STI** light curtains, **SCHUNK** end of arm tooling