Midas CNC Grinder and Automation
Case Study, May 2009

Customer:	SEW Eurodrive, Lyman, SC	*Application:*	Gear Shaft OD and Face Grind
		Material:	16MnCrs5
Configuration:	Angular wheelhead ALOX formed grinding wheels Custom drivers to automatically 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 19 (nineteen) part numbers with minimal change-over; grinder, tooling, gaging, blow off, safety enclosure, light curtains, robotic tending.		
Featuring:	**GE FANUC** 18*i* TB CNC control, **Movomatic** in-process gage, **Etamic** post process gaging, **SBS** wheel balancer, **DITTEL** acoustic emissions sensor **FANUC ROBOTICS** 710*i*, **STI** light curtains, **SCHUNK** end of arm tooling		