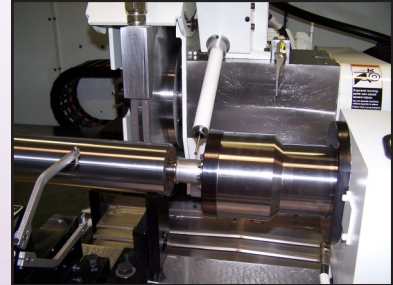


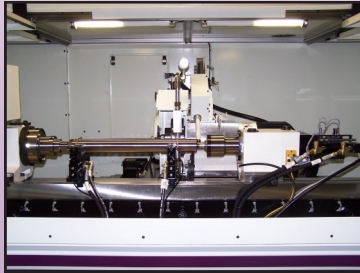


Solaris Peel Grinder Case Study

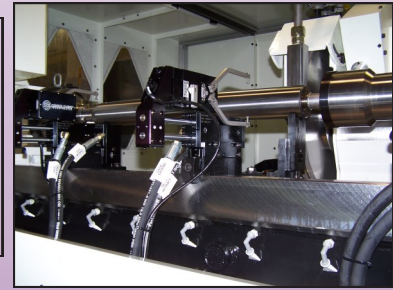


Wheelhead mounted automatic lateral locator with Renishaw probe.

60" between centers capacity; live spindle tailstock; hydraulic face driver.



Dual CGI gages arranged for post-grind sizing with BCD output to control size & taper.



Application:

OD "Peel" Grind;
Various pins and shafts
8620 Rc 58-62

Configuration:

Straight wheel, dual layered Vit CBN
Hydraulic face driver
Automatic lateral locator
Electric rotary diamond dresser
Live spindle tailstock
Dual in-process gaging
Acoustic emission sensor system

Notable:

Dual CBN wheel configuration allows for roughing & finishing in the same cycle. Large diameter pins & shafts are presented with up to .040" stock on diameter and up to .010" run-out, & are finished ground in only (2) passes. With better control of incoming stock, a single pass operation would be possible.

Featuring:

FANUC 18iTB CNC control, Renishaw lateral probe, Dittel acoustic sensor, CGI sizing gages, SBS automatic wheel balancer, FRB hydraulic face driver