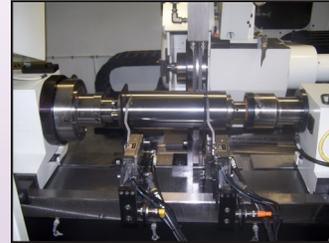




ALTAIRA CBN Peel Grinder Case Study



Dual in-process sizing gage system with BCD output capability.

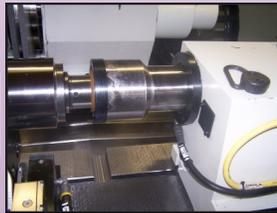


High pressure wheel cleaning and air-knife for part blow-off



Live spindle work-head with hydraulic face driver

Heavy duty live spindle tailstock



Application:

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

Configuration:

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

Notable:

40" between centers & 16" swing capacity.
Dual CBN wheel configuration allows for roughing & finishing in the same cycle. Large diameter pins and shafts are presented with up to .040" stock on diameter and over .005" run-out, and are finished ground in only 2 (two) 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.