

ABSTRACT

A machining tool positioning system includes a post configured to rotatably mount
5 relative to a hollow component to be machined. A base member slidably mounts relative to
the post. A first actuator is configured to selectively slidably move the base member relative
to the post. A tool slide rail is coupled to the base member and extends perpendicular to the
post. A machining tool slide mount slidably couples to the tool slide rail and is configured to
position a machining tool relative to the rail. A second actuator is coupled at a first end to the
10 base member and coupled at a second end to the machining tool slide mount is configured to
selectively move the machining tool slide mount along the rail. A motor may optionally turn
the post to rotate the position of the base member and machining tool.

[Figure 5]