

## MD200G PROCESS INTEGRATION

The MD200G is one of a family of Murata turning machines that incorporates live tooling. The standard MD200G has twin A2-6, 30 hp spindles and two independent 10 station turrets.

Cross, face, or angular live tool heads can be mounted on any turret station. The standard live tool speed is 3000 rpm with special application live tool heads of up to 9000 rpm. The live tool motor power is 4kW (5 hp) and maximum live tool size is Ø20mm (3/4") for milling and M16 tap. Spindle C-axis is standard on the MD200G allowing for milling, contouring, or other special applications.

A typical and frequent application for the MD200G has been automotive wheel, inner and outer hubs. On the MD200G, this part is not only turned, faced and bored, but the wheel bolt hole pattern is drilled, and chamfered.



MD200G High Speed, Twin Spindle  
CNC Turning Center

<u>Op. 10</u>	<i>110 sec/part</i> turn flange OD, face, turn OD bearing diameters, drill and bore ID
<u>Op. 20</u>	<i>130 sec/part</i> face flange, bore ID, live tool drill (5) Ø13mm holes with chamfer and back chamfer

The customer has a complete part off one twin spindle machine.

Other successful projects completed on the MD200G have been:

- locating and cross holes on automotive compressor housings
- bolt hole patterns on pillow block housings
- bolt holes and locator hole on axle end caps
- retainer slot on hydraulic cylinder nuts

Total project machine cost savings, full automation, and flexibility are critical decisive points in choosing the MD200G.

To view a video of the MD200G on YouTube, search **MurataMachinery** (no space).