

WD-24

OP20 Drilling Machine

**Alloy Wheel 6 Axis CNC
Drilling Machine with
3 Station Rotary Table
for Simultaneous:**

- PCD Drilling
- Valve hole Drilling
- Robot Loading/
Unloading



The Efamatic WD-24 CNC Drilling Machine is a compact, high speed machine with rigidity and accuracy to match.

Using a Fanuc 2 path control, both the PCD Drilling and Valve holes can be simultaneously drilled, while the operator or robot has access to the 3rd station, saving overall cell cycle time.

We are proud to offer this machine as part of our complete wheel machining solution.



**MADE IN
SOUTH AFRICA**



**efamatic
machine tools**

Optimized Design

The unique Tri-Station design offers excellent rigidity and speed.

The dual screw conveyors and strong coolant flush moves the shavings out through the back of the machine where the external coolant tank with inclined screw conveyor discharges them.



High-end Standard Equipment

- Fanuc OiMF 2-Path CNC control
- Path 1 (PCD Drilling Station):
 - 15 kW **spindle motor** with digital drive
 - 5-Pocket Tool Changer
 - Spindle Oil Cooler
 - Pneumatic Auto Tool clamp/unclamp
- Path 2 (Valve Hole Drilling Station):
 - Twin Spindle setup for both front-face and bore drilling as well as back facing
 - Programmable axes for Drill Angle, wheel diameter and drill feed
- Fanuc Digital Servo motors and digital drives for all 6 feed axes
- All linear axes run on Precision Rexroth linear guides driven by precision ballscrews
- Flood coolant to cutting edge
- Screw-Type Swarf conveyor
- Hydraulic power pack and variable displacement pump with radiator, solenoid valves, pressure reducing valve, piping and fittings
- Manually operated setup and maintenance sliding door
- Chuck Options for auto wheel clamping

Robot Interface

The machine is fitted with the necessary I/O and PLC functionality for easy Robot interfacing, perfect for automated manufacturing

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