

Milling Capacity

A close-up photograph of two metal drill bits. The top bit is smaller and has a standard double-flute design. The bottom bit is larger and has a more complex, multi-fluted design. Both bits are shown in profile, pointing towards the right. The background is a soft, out-of-focus grey. A thin white diagonal line runs from the top left towards the center. The text 'JWA TOOLING' is overlaid in the center in a white, sans-serif font.

JWA TOOLING



HAAS VF4ss

4 Axis Machining Centre



Specification

24 Tool Side Mount tool changer

Control System - HAAS

Connected for DNC To CAD CAM System

Renishaw Laser Tool Measuring system

Renishaw Spindle probing

Spindle speed - 12,000 rpm

Machine Power - 30 HP

Working capacity

X - 1270mm

Y - 508mm

Z - 635mm

A - 160mm Diameter Indexer

Table size X - 1321mm Y - 457mm

Extras

Integrated 4th Axis

Custom Macro software

Rotation & Scaling software

Engraving Software

Erowa Machining fixtures



HAAS VM3se

5 Axis Machining Centre



Specification

40+ 1 tool Side Mount tool changer

Control System - HAAS

Connected for DNC To CAD CAM System

Renishaw NC4-S Laser

Tool Measuring System

Renishaw OMP Spindle probing

Spindle speed - 12,000 rpm

Machine Power - 30 HP

Working capacity

X - 1270mm

Y - 508mm

Z - 635mm

Table size X - 1321mm Y - 457mm

TR160y – 4th/5th Axis 180mm diameter

Extras

Erowa Machining fixtures

Custom Macro software

Rotation & Scaling software

Engraving Software



HAAS DT1 Machining Centre



Specification

20 + 1 tool Side Mount Tool changer

Control System - HAAS

Connected for DNC To CAD CAM System

Renishaw OMP40 Spindle Probe

Renishaw NC4-S Laser Tool setting

Spindle speed - 15,000 rpm

Machine Power - 15HP

Rapid Traverse 66 M/Min

Working capacity

X - 508mm

Y - 406mm

Z - 394 mm

Table size X - 660mm Y - 381mm

Extras

Erowa Machining fixtures

Custom Macro software

Rotation & Scaling software

Engraving Software



Fanuc RoboDrill 21i A5

4 Axis Machining Centre



Specification

21 Tool changer

Control System - Fanuc 31i-A5

Connected for DNC To CAD CAM System

Ethernet Network Interface

Renishaw NC4-S Laser Tool setting

Spindle speed - 10,000 rpm

Machine Power - 15KW

Rapid Traverse 54 M/Min

Working capacity

X - 700 mm

Y - 400 mm

Z - 330 mm

Table size X - 830mm Y - 400mm

Extras

Microloc Grid table configuration

Renishaw NC4 Laser Tool Measurement

Renishaw OMP Spindle probe

Microloc Machining fixtures

Fanuc Custom Macro B software



HAAS VF2 Machining Centre



Specification

20 + 1 tool Side Mount Tool changer

Control System - HAAS

Connected for DNC To CAD CAM System

Renishaw OMP40 Spindle Probe

Renishaw NC4-S Laser Tool setting

Spindle speed - 15,000 rpm

Machine Power - 15HP

Rapid Traverse 66 M/Min

Working capacity

X - 508mm

Y - 406mm

Z - 394 mm

Table size X - 660mm Y - 381mm

Extras

Rotary 5c Indexer

Custom Macro software

Rotation & Scaling software

Engraving Software

Erowa Machining fixtures



HAAS OM2 Machining Centre



Specification

20 + 1 Tool changer

Control System - HAAS

Connected for DNC To CAD CAM System

Renishaw OMP40 Spindle Probe

Renishaw NC4-S Laser Tool setting

Spindle speed - 30,000 rpm

Machine Power - 5HP

Rapid Traverse 66 M/Min

Working capacity

X - 305 mm

Y - 254 mm

Z - 305 mm

Table size X - 508mm Y - 254mm

Extras

Laing Zero Point Location Fixtures

Custom Macro software

Rotation & Scaling software

Engraving Software

JWA TOOLING