



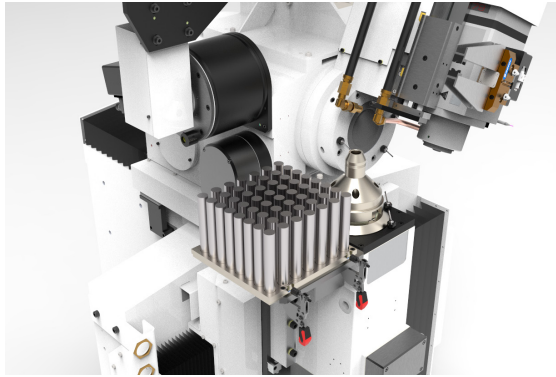
VG400 5 AXIS Tool Grinder



Highlights:

- ✓ **Compact design** → Requires small footprint / work area
- ✓ **24000 RPM grinding spindle** → Heavy material removal and small diameter grinding wheels
- ✓ **A axis 650 RPM** → Enables cylindrical tool grinding / OD grinding
- ✓ **Mineral casting base with vertical grinding** → Heavy material removal (up to 10 mm per pass)
- ✓ **Numroto control and all inclusive software** → Flexibility and wide range of tools





capacities

Maximum tool length (grinding)	11.8"	300 mm
Maximum tool length (sharpening)	35.4"	900 mm
Maximum tool diameter	9.8"	250mm
Maximum weight of the tool	110 lbs	50 kg
Maximum wheel diameter (with HSK50 attachment)	7.9"	200mm

Specifications

X axis course (horizontal)	14.6"	370 mm
Y axis course (vertical)	18.9"	480 mm
Z axis course (transverse)	9.8"	250 mm
X axis speed (horizontal)	0.6"/min	16 m/min
Y axis speed (vertical)	1.2"/min	30 m/min
Z axis speed (transverse)	1.2"/min	30 m/min
A axis speed (clamping tool)	650 Rpm	650 Rpm
B axis speed (electro spindle holder)	25 Rpm	25 Rpm
B axis course (electro spindle holder)	-90 / +180 deg	-90 / +180 deg
Electro spindle power	25 KW	25 KW
Electro spindle maximum speed	24000 Rpm	24000 Rpm
Wheels attachment	HSK50, HSK63	HSK50, HSK63
Dimension with robot	98" x 63" x 94"	2500 x 1600 x 2400 mm
Total weight	11023 lbs	5000 kg

Accuracy

Axes X, Y ,Z axis	.0000039"	0.0001 mm
Axes A, B axis	.0001 deg	0.0001 deg

Williams and White reserves the right to alter or amend specifications without prior notice

