



BG1700 TITAN

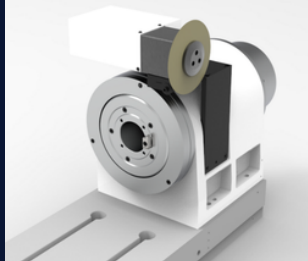
BLADE GRINDING MACHINE



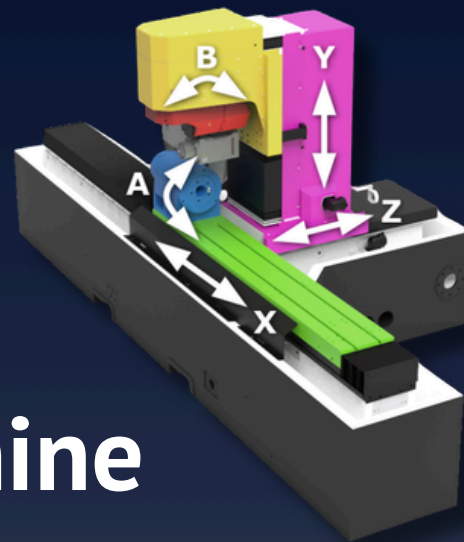
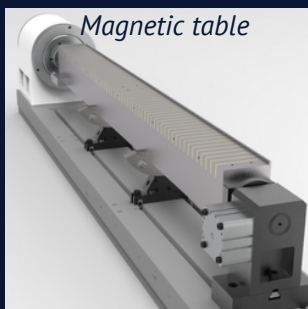
- Inconel 718 - Titanium - Superalloys
- Aerospace-grade surface finish



Wheel dressing



Magnetic table



5-axis machine

Tools capacity	BG1700	BG1700 XL
Maximum tool length	1700 mm	2000 mm
Maximum tool dimensions	300 x 300 mm	300 x 300 mm
Maximum wheel diameter	400 mm	400 mm

Machine specifications	Accuracy	Speed	Total travel BG1700	Total travel BG1700 XL
X-axis (horizontal)	0.0001 mm	50 m/min	1500 mm	2000 mm
Y-axis (vertical)	0.0001 mm	30 m/min	350 mm	350 mm
Z-axis (transverse)	0.0001 mm	50 m/min	400 mm	400 mm
A-axis (tool holder)	0.0001 deg	500 rpm	unlimited	unlimited
B-axis (electrospindle)	0.0001 deg	50 rpm	-45/+180 deg	-45/+180 deg

Electrospindle and wheels	
Spindle power	50 kW
Maximum spindle speed	12000 rpm
Wheel attachments	HSK80 or HSK100
Wheel changer	4 or 6 positions
Lubrification	500 l/min

Machine size	BG1700	BG1700 XL
Length	4334 mm	5096 mm
Width	2205 mm	2205 mm
Height	2360 mm	2360 mm
Total weight	8000 kg	8200 kg

* The indicated values are not contractual.



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