

**Bryant Symons Technologies BS1720P CNC Diamond Flycutter  
For Diamond Flycutting Polygons**



**Technical Data**

Machine Type:	Two Axis Horizontal type Fly-Cutting Machine
Workholding Slide "X" Axis:	
Flycutter Head Traverse "Z" Axis:	150mm (Optional)
Base Material:	Synthetic Granite
Vibration Isolation:	Pneumatic Isolation Mounts
Rotary Table:	Eimeldingen WS200
Axis "B" Rotary:	Loading Capacity 150Kg
Axis "C" Tilt:	Loading Capacity 50Kg
Clamping Surface:	200mm Diameter
Flycutting Spindle	Air Bearing MO300
Fly Cutting Spindle Drive:	DC Servo 3Kw
Air Bearing Roundness:	≤ 0.12 Microns MZC
Air Bearing Axial:	≤ 0.12 Microns
Workholding Slide:	≤ 0.25 Microns per 300mm
Floor Area:	2541mm x 985mm
Height:	1820mm
Weight:	2050 Kg Approx
Air Consumption of Machine:	0.45 <sup>3</sup> Meters/min
Pneumatic Line Pressure Required:	6 Bar
Air Bearing Axial Load:	200Kg
Air Bearing Radial Load at Spindle Nose 100Kg	
Electrical Equipment:	To Suit 3 Phase Supply
Internal Control Circuits:	24V Dc
Control System:	NUM 1660
Modem:	Westermo

**Note: Bryant Symons Technologies Ltd reserve the right to change specifications without notice  
Bryant Symons can change specification to suit customers requirements.**