




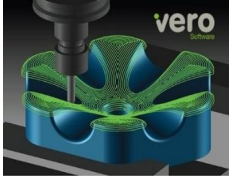
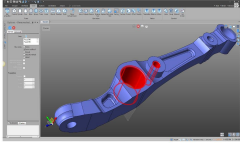
**Helix Precision**






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Qty	Resource	Working Envelope	Spindle Speed	Features	
<b>CNC Milling</b>					
1	Doosan DNM4500 (Fanuc) Vertical Machining Centre	X 760mm Y 450mm Z 660mm	12,000 RPM Thro Coolant	BT40 24ATC Toolchanger	
2	Doosan DNM4000-2 Vertical Machining Centre	X 520mm Y 400mm Z 630mm	12,000 RPM Thro Coolant	BT40 20ATC Toolchanger	
1	Doosan DNM400 (Fanuc) Vertical Machining Centre	X 760mm Y 450mm Z 660mm	12,000 RPM Thro Coolant	BT40 24ATC Toolchanger Nikken Rotary 4th Axis	
1	Doosan DNM400-2 (Fanuc) Vertical Machining Centre	X 760mm Y 450mm Z 660mm	12,000 RPM Thro Coolant	BT40 24ATC Toolchanger Direct Drive spindle	
1	Doosan NM510 (Fanuc) Vertical Machining Centre	X 1020mm Y 520mm Z 770mm	12,000 RPM Thro Coolant	BT40 24ATC Toolchanger Nikken Rotary 4th Axis	
1	Doosan Mynx 5400/50 Vertical Machining Centre	X 1020mm Y 540mm Z 730mm	8,000 RPM Thro Coolant	BT50 (Heavy Duty) 24ATC Toolchanger Gearbox	
1	Hartford HCMC13 (Fanuc) Vertical Machining Centre	X 1320mm Y 650mm Z 730mm	6,000 RPM 30KW spindle Thro Coolant	BT50 (Heavy Duty) 40ATC Toolchanger Gearbox	
1	Haas VF3 YT50 (Haas) Vertical Machining Centre	X 1016mm Y 660mm Z 800mm	7,500 RPM 30HP Spindle Thro Coolant	BT50 (Heavy Duty) 30ATC Toolchanger Gearbox	

1	Haas VF1 (Haas) Vertical Machining Centre	X 520mm Y 450mm Z 450mm	8,000 RPM	BT40 20ATC Toolchanger Haas Rotary 4th Axis	
1	HAAS VF2 Super Speed (Haas) Vertical Machining Centre	X 762mm Y 406mm Z 590mm	12,000RPM 30HP Spindle Thro Coolant	BT40 24ATC Toolchanger	
1	Haas Mini Mill (Haas) Vertical Machining Centre	X 350mm Y 250mm Z 450mm	7,500 RPM	BT40 10 ATC Toolchanger	

5 Axis Milling					
1	Lehmann 5 Axis Rotary Table T1 510520RR FIX X	400mm Dia Part swing	Full 5 Axis capability lang Workholding Zero Point Clamp System		
CNC Turning					
1	Hwacheon 300 MC (Fanuc) Horizontal Lathe	Thro Spindle 76.2mm Max Turn Dia 380mm Max Swing 600mm Between Ctrs 600mm	3,200 RPM	C Axis Live Tools Gearbox Head 12 Station	
1	Doosan Puma GT2100 (Fanuc) Horizontal Lathe	Thro Spindle 65mm Max Turn Dia 390mm Max Swing 600mm Between Ctrs 562mm	4,500 RPM	12 Station	
1	Hwacheon Hi Tech 200MB (Fanuc) Horizontal Lathe	Thro Spindle 65mm Max Turn Dia 325mm Max Swing 500mm Between Ctrs 450mm	3,500 RPM	C Axis Live Tools Gearbox Head 12 Station	
1	Hyundai Hit 15S (Siemens) Horizontal Lathe	Thro Spindle 50.8mm Max Turn Dia 250mm Max Swing 400mm Between Ctrs 300mm	4,500 RPM	12 Station	
Metrology					
1	Aberlink Zenith 3 CMM	X 1000mm Y 1500mm Z 600mm	Resolution 0.0005mm standard ABERLINK 3D measurement software Fully Motorised Probe Head PH10T with TP20 probe		
1	Faro Gauge Portable CMM	1.2m (4 ft.) spherical working volume	Accuracy 0.018mm Bluetooth Cable-Free Operation		
1	Brown & Sharp Etalon CMM	X 400mm Y 500mm Z 400mm	Renishaw Probe Head Digital Output Display		
Cad-Cam Software					

6	Edgecam 5 Axis Ultimate	<p>Intelligent Machining From Native CAD Data 5 Axis Ultimate Package</p>	
2	Edgecam Designer	<p>Edgecam Designer Direct Modelling system imports data from a wide variety of exchange formats including Parasolid,IGES,STEP,ACIS, DXF,DWG,STL &amp; VDA Files.</p>	

MRP & Other Software				
10	Access Factory Master MRP	Full Factory Operating System networked across entire company and all CNC Machines with shop floor Data Capture terminals constantly collecting job data		
2	Access Orchestrate Production planning scheduler	Very Powerful production planning software giving real time feedback for jobs in production		
18	Cimco NC Base	CNC Program management Software that gives us Full Audit trail and user access control over what is changed on CNC Programs and When!		
1	Track Pro Metrology Calibration Software	TrackPro helps us to track and manage the status of metrology calibration activities Tracking and controlling these activities helps us meeting the strict needs of today's highly regulated Aerospace Environment.		
Grinding				
1	Jones & Shipman 1400	X 400mm Y 220mm Z 170mm	High Precision Surface grinder Full Coolant and dust extraction systems	
Other				
1	Heavy duty 90° Angled Head	90° BT50 High Torque Angled Head which allows us to Mount a BT40 Tool at 90° to the Part and cut out many Operations On suitable parts.		