



KRISTEK PRECISION LTD.



Capacity and Plant List

Category	Capacity Details (all units are in mm)	Weights
CNC Milling (Vertical)	1 x XYZ 1060HS with 4th Axis (X=1020, Y=610, Z=620) 3 x XYZ 1020 with 4th Axis (X=1020, Y=520, Z=546) 2 x Leadwell V-40L Vertical Machining Centres with 4th Axis (X=1020, Y=635, Z=610) 1 x Kafo 2010 VMC (X=2040, Y=1000, Z=720) 1 x Kafo CV11a 4+1 (X=1100, Y=650, Z=720) 1 x Matsuura 5th axis (C/W Pallet loading) (X=550, Y=440, Z=580) Positional accuracy on above machines is +/- 4 microns	500kg “ “ 1.5T 250kg
CNC Turning	1 x XYZ XL 1500 (Ø1500 swing x 1200 between centres) 1 x Haas SL-40 (Ø850 swing x 1000 between centres) 3 x Hwacheon 200BL MC C/W Live tooling	1.5T 300kg 50kg
Grinding	1 x Jones & Shipman 1300 Cylindrical Grinder (Ø250 swing x 685 table capacity) 1 x Jones & Shipman 540P Surface Grinder (450 x 150 magnetic chuck)	
Milling (Conventional)	1 x XYZ turret mill (X=600, Y=350, Z=300)	
Turning (Conventional)	1 x Chester Chieftain 1640 VS Centre Lathe (Ø410 swing x 1000 between centres)	
External Processes	Externally sourced processes and services are sub-contracted to quality assured suppliers providing the following: Multi-axis wire erosion and die spark, Fabrication, Heat Treatment, Surface Treatments and Finishes, Non-destructive Testing.	
Quality Assurance	NQA approval held to AS 9100 rev. D (including ISO 9001) Fully equipped quality department with all equipment under calibration control. Main equipment includes: Aberlink CMM (1.5m x 1.5m x 1m measuring volume) Aberlink Axiom CMM (0.6m x 0.9m x 0.9m measuring volume) Faro Arm Gage Max (1.6m reach) – complete with CAD compare software Traceability of materials as required, and our goods are despatched with a Certificate of Conformity.	
Environmental System	We run an Environmental Management System which is aligned to ISO 14001	
CAD / CAM Capabilities	We accept customers CAD files in many formats including IGES and DXF. We use HYPERMILL solid model CAM software for 3D machining.	
Production Planning	We operate computerised job control and capacity planning systems using TRICORN.	
Transport	We run our own delivery vehicles or carriers if required.	

Further information can be found at www.kristek.co.uk or emailing us on info@kristek.co.uk