



Universal Milling		
Machine	Capacity and Component Weight	Specification Control
Correa Norma 45	4500mm x 1250mm x 1400mm	HEIDENHAIN iTNC-530 80 Capacity Tool Change Integrated 4th Axis Rotary Table Automatic Universal Head Full 4 – Axis Control
Mazak VTC 800/30SLR	3000mm x 800mm x 800mm x 2.5 Tonne	MAZATROL and EIA/ISO 155 Capacity Tool Change 1m NC Rotary 5th Axis Table High torque 18000 RPM spindle Renishaw Probing
Anayak VH PLUS-4000-MG10	4000mm x 1500mm x 2000mm x 10 Tonne	HEIDENHAIN iTNC-530 60 Capacity Tool Change Integrated Rototranslating 4th Axis Table Automatic differential Head Full 4 – Axis Control
Anayak Performer-3000-MG 9	3000mm x 1250mm x 1100mm x 7 Tonne	HEIDENHAIN iTNC-530 60 Capacity Tool Change Integrated Rototranslating 4th Axis Table Automatic differential Head Full 4 – Axis Control
Anayak Performer-2000-MG 9	2000mm x 1250mm x 1100mm x 7 Tonne	HEIDENHAIN iTNC-530 40 Capacity Tool Change Integrated Rototranslating 4th Axis Table Automatic Universal Head Full 4 – Axis Control
BUTLER HPT6011 Horizontal Power Centre with Traveling Table	3000mm x 1000mm x 1500mm x 5 Tonne	HEIDENHAIN TNC 426PB Auto Indexing Orthogonal Head 40 Capacity Tool Changer
BUTLER HE4000 x 8m	6200mm x 1000mm x 1500mm x 8 Tonne	HEIDENHAIN TNC 426 Auto Indexing Head 40 Capacity Tool Changer
BUTLER HE4000 x 8m	6200mm x 1000mm x 1500mm x 8 Tonne	HEIDENHAIN /FANUC 18M Auto Indexing Head 40 Capacity Tool Changer



Horizontal Twin Pallet Machining		
Machine	Capacity and Component Weight	Specification Control
HELLER MCH460 # 1	2000mm x 1400mm x 1250mm x 4 Tonne	SIEMENS 100 Capacity Tool Change Twin Pallet Renishaw Probing & Tool Breakage Sensor Full 4 – Axis Control
HELLER MCH460 #2	2000mm x 1400mm x 1250mm x 4 Tonne	SIEMENS 100 Capacity Tool Change Twin Pallet Renishaw Probing & Tool Breakage Sensor Full 4 – Axis Control
MAZAK 8800-II	1400mm x 1200mm x 1325mm x 2.2 Tonne	MAZATROL and EIA/ISO 80 Capacity Tool Change NC Rotary 4th Axis Table High torque 8000 RPM spindle Renishaw Probing
DAHLI MCH-630	1000mm x 800mm x 800mm x 1 Tonne	FANUC 60 Capacity Tool Change Twin Pallet Renishaw Probing Full 4 – Axis Control



Lathes with Driven Tooling		
Machine	Capacity and Component Weight	Specification Control
DAEWOO PUMA 700LM	Max. Swing – 1030mm Max. Turning Dia - 800m Max. Turning Length – 3200mm 5 Tonne	FANUC 18i-T Complete With Full C-Axis Driven Tooling, Programmable Chuck & Tailstock
HWACHEON HI-TECH 700	Max. Swing – 900mm Max. Turning Dia - 700m Max. Turning Length – 1600mm 5 Tonne	FANUC 21i-T Complete With Full C-Axis Driven Tooling, Programmable Chuck & Tailstock

Horizontal Boring		
Machine	Capacity and Component Weight	Specification Control
KURAKI KBT11.WA CNC	2000mm x 1500mm x 1500mm x 5 Tonne	FANUC 16iM 40 Capacity Tool Changer Full 5 - Axis Control
UNION TC110	2000mm x 1500mm x 1500mm x 5 Tonne	HEIDENHAIN TNC 530 60 Capacity Tool Changer Full 5 - Axis Control



Turning		
Machine	Capacity and Component Weight	Specification Control
DOOSAN V850 Vertical Turning Centre	Max. Swing – 1000mm Max. Turning Dia - 850mm Max. Turning Length - 850mm 5 Tonne	FANUC 21iT 60 Capacity Tool Changer Full 5 - Axis Control
XYZ ProTURN SLX 425 High speed, gap bed manual/CNC lathe	Max. Swing - 700mm Max. Turning Dia - 480mm Max. Turning Length – 1250mm 0.1 Tonne	ProtoTRAK SLX
XYZ ProTURN SLX 425 High speed, gap bed manual/CNC lathe	Max. Swing - 700mm Max. Turning Dia - 480mm Max. Turning Length – 1250mm 0.1 Tonne	ProtoTRAK SLX

Fabrication and Welding Activities
<p>Mild steel, stainless steel and aluminum, using TIG, MIG, MMA and Oxy-Acetylene techniques with coded approval to ASME IX, BS EN 287 and BS EN 288 standards.</p> <p>Hard-facing and resurfacing of new and worn high value machine parts utilizing alloys of cobalt (e.g. Stellites), nickel-based alloys, tool steels brass and bronzes.</p> <p>5 Tonne</p>



Inspection

2 x Full Time Inspectors
Working to BS EN ISO 9001:2015

Coordinate Measuring Machine

Mitutoyo – Crysta Apex 2000mm x 1250mm x 1000mm x 5 tonne

Full Complement of Calibrated Inspection Equipment traceable to national standards:

Tesa Microhite
Mitutoyo - SJ 301 Surface Roughness Tester
Elcometer 355 Top Coating Thickness Gauge
Micrometers, slip gauges, etc. with full calibration certificates
Tool Pre-Setter

CAD/CAM

Full 3D CAD/CAM – Computing Facilities
Using current version of SolidCAM Software

Production Software

Progress+ Software

Containing Fully Linked Quotations, Order Processing, Purchase Orders,
Shop Floor Loading (Finite & Infinite), Data Collection

Lifting Capacity

2 x Over Head Cranes – 10 Tonne
6 x Over Head Cranes – 5 Tonne
1 x Over Head Crane – 3 Tonne



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