

James Young Engineering

Plant List – December 2014

CNC Lathes					
Qty		Swing over bed (mm)	Standard turning diameter (mm)	Maximum turning length (mm)	Spindle bore diameter (mm)
2	Mazak Quick Turn Smart 350	720	350	420	102
1	Daewoo Lynx 210 with Bar-Feed	510	200	510	63
1	Doosan Lynx 300	450	250	765	76
1	Hyundai Kia SKT400c	780	380	1170	117
1	Victor Turn II - 20	590	370	610	62
1	Doosan Puma 2600	780	480	760	76
1	XYZ Protturn VL425	560	315	1750	80
1	XYZ Protturn SLX555	560	315	1000	104
1	Star SR-32J Type N	32mm dia capacity "sliding head" multiple axis with sub-spindle and bar-feed			

CNC Milling					
Qty		Axis travels (mm)			Table size (mm)
		X	Y	Z	
1	Daewoo Ace VC320 "Twin Pallet"	520	320	300	2 @ 650 x 355
2	Daewoo Mynx NM410	762	410	510	920 x 430
1	Doosan DNM 500 II (Nikken 4 th Axis)	1020	540	510	1200 x 540
1	XYZ 5000 CNC Bed-Mill	1410	533	584	1470 x 356

Manual Machines					
<u>Lathe</u>					
Qty		Swing over bed (mm)	Standard turning diameter (mm)	Maximum turning length (mm)	Spindle bore diameter (mm)
1	Quantum D420 X 1500	420	250	1500	52
<u>Mill</u>					
Qty		Table travel (mm)			Table size (mm)
1	Excel PKTM-5VS Turret	835			1370 x300

Inspection					
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Qty	
1	Aberlink Axiom Co-ordinate Measuring Machine
1	Gagemaker MIC Trac MT-3000
1	Trimos V Digital Height Gauge
1	Innovatest 600 Automatic Hardness Tester
1	Baty R14 Shadow Graph

Miscellaneous	
Qty	
1	Thomas 250 Manual Chop-Saw
1	Dewalt Manual Band-Saw
1	Mega BS-250 Has Automatic Saw
1	PDJ-Vibro Vibratory Polishing Machine