

LARGE TURNING	Features	Max Dia (mm)	Max Length (mm)
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Mazak ST60 CNC Lathe	15 station turret, 21" chuck	475	3000
Doosan Puma 480XL	10 station turret, 21" chuck	600	3000

SMALL TURNING	Features	Max Dia (mm)	Max Length (mm)
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CMZ TA25	Twin spindle (SK65 collet chuck main, 8" 3 jaw sub spindle), 15 station turret. Hydrafeed MSV65 Barfeeder with 5-65mm dia range.	200	713
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Doosan PUMA GT2600 (2 x machines)	10 station turret, 12" chuck (or expanding mandrel). Programmable tailstock.	300	730
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Okuma Genos L300-M	12 station turret, 10" chuck (or expanding mandrel).	300	450
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Okuma Genos L3000-e MY	Y-Axis Milling Capability, 12 station turret, 10" chuck (or expanding mandrel), Automatic Tailstock	340	1020
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Mazak Nexus QT 250II-M	12 station turret, 10" chuck, live tooling capability	380	450
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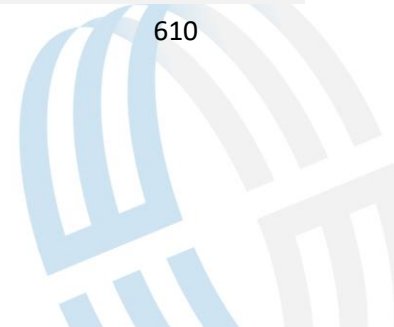
MILLING	Features	Max X Travel (mm)	Max Y Travel (mm)	Max Z Travel (mm)
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Okuma MB8000-H	Twin Pallet, 12 zero point lang stations per tombstone, 170 tool magazine, Renishaw probing. Part weight up to 900kgs, BT50 spindle 6000rpm max.	1300	1100	1250
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Hurco VMX24Ti	3 Axis. Integrated Renishaw tool setter with 22 tool magazine. BT40 spindle 12000rpm	610	508	610
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UK Office, 2 Brightside Way, Sheffield, South Yorkshire, UK, S9 2RQ
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5-AXIS MILLING	Features	Max Dia (mm)	Max Length (mm)
Makino DA300	40 pallet loading system, 118 tool magazine, Renishaw Probing, non-contact tool-breakage detection, part weight up to 60Kg, HSK-A63 spindle 20,000rpm Max.	360	285
MILL / TURN	Features	Max Dia (mm)	Max Length (mm)
Okuma Multus - B300II	ABB Robot cell for automatic loading & unloading, 24/7 "lights-out" running. Twin Spindle with B axis turret. Compound Y axis. Full contouring C Axis, 60 tool magazine & Renishaw probing	250	150
Okuma LT 2000	Nachi Robot cell with gantry loading for automatic full process including integrated CMM inspection. Twin spindle (8" 3 Jaw main, expanding mandrel sub spindle). 3 turrets, 16 positions per torrent. Live tooling.	210	130
MANUAL TURN	Features	Max Dia (mm)	Max Length (mm)
Broadbent Lathe	42" chuck, trepanning and OD/ID turning capability	570	5000
Poreba Lathe	24" chuck, trepanning and OD/ID turning capability	570	5000

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ERODE	Features	Max X Travel (mm)	Max Y Travel (mm)	Max Z Travel (mm)
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Fanuc Robocut C600iA	Max Workpiece dimensions 1050 x 820 x 300mm, Max weight 1000kgs. 0.25mm wire diameter	600	400	310
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HONING	Features	Min Ø (mm)	Max Ø (mm)	Min Length (mm)	Max Length (mm)
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Sunnen SV30	Work piece envelope 1212 x 760mm, max workpiece and fixture weight 600kg		200		705
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Sunnen SV35	Work piece envelope 1212 x 760mm, max workpiece and fixture weight 600kg		200		705
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CMM INSPECTION	Features	Max X Travel (mm)	Max Y Travel (mm)	Max Z Travel (mm)
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Crysta Apex S544 x 2 machines	With PH10M indexing probe head; MSCOSMOS, CAT1000P, GEOPAK, SCANPAK & Measurelink software; SP25 bodies with SM25-2 & SM25-3 modules. Heated Module racks and component temperature sensors	400	400	500
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Crysta Apex S7106 x 2 machines	With PH10M indexing probe head; MSCOSMOS, CAT1000P, GEOPAK, SCANPAK & Measurelink software; SP25 bodies with SM25-2 & SM25-3 modules. Heated Module racks and component temperature sensors	700	1000	600
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