



PLANT LIST

2026



PRECISION. CAPABILITY. TRUST

Engineering solutions for the world's most critical sectors

Founded in 1977 by its current owners, Unilathe is a family-owned business with a proud heritage, now being successfully managed by the second generation of the family.

At Unilathe we offer a complete manufacturing and engineering service supporting high integrity, safety critical components and assemblies across multiple industry sectors. Our capabilities include machining, fabrication, inspection and testing, together with finishing processes alongside supply-chain integration and DFM expertise.

Through our unique culture and customer focused approach we work collaboratively to deliver manufacturing partnerships that add value for both parties.

At Unilathe our continued investment in the latest technology, equipment and capabilities ensures we are trusted to support the production of complex engineered products and projects. Our engineering staff and leadership team are highly experienced in a range of materials and sizes specialising in components up to 12 tonnes.



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Small Turning Machines



Mori Seiki CL-20 Bar Feed

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	380	15
Travel X	310	12.2
Travel Z	330	13
Max Part Size	380x330	15x13

Kia SKT 300

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	560	22
Travel X	560	22 ø
Travel Z	720	28.3
Max Part Size	560x720	22x28.3

Mori Seiki SL200

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	510	20
Travel X	390	15.3ø
Travel Z	480	18.9
Max Part Size	510x480	20x18.8

Medium Turning Machines



Large Turning Machines



Mori Seiki SL-303

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	500	19.6
Travel X	500	19.6
Travel Z	700	27.5
Max Part Size	500x700	19.6x27.5

Doosan Puma PV 9300

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	1000	39.3
Travel X	930	36.6 ø
Travel Z	800	31.5
Max Part Size	930x800	36.6x31.5

Doosan Puma 700L

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	900	35.4
Travel X	600	23.6
Travel Z	3225	126
Max Part Size	900x3000	35.4x118.1

Large Turning Machines



Doosan Puma 480L

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	600	23.6
Travel X	600	23.6
Travel Z	2200	86.6
Max Part Size	600x2200	23.6x86.6



Doosan Puma 5100LM

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	600	23.6
Travel X	600	23.6
Travel Z	2500	98.4
Max Part Size	600x2500	23.6x98.4



Honor VL100a

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	1200	47.2
Travel X	1100	43.3 ∅
Travel Z	800	31.5
Max Part Size	1100x900	43.3x35.4

Large Turning Machines



Johnford SL

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	580	22.8
Travel X	580	22.8
Travel Z	3000	118
Max Part Size	580x3000	22.8x118

Extra-Large Turning Machines



Schiess

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	2000	78.7
Travel X	2000	78.7
Travel Z	1200	47.2
Max Part Size	2000x1200	78.7x47.2



Puma

VT1100

Quantity 2

Machine Spec	Metric (mm)	Imperial (in)
Swing	1100	43.3
Travel X	1100	43.3
Travel Z	900	35.4
Max Part Size	1100x900	43.3x35.4

Extra-Large Turning Machines

SFM CST 46200

Quantity 2

Machine Spec	Metric (mm)	Imperial (in)
Swing	1170	40
Travel X	1000	39.3
Travel Z	5000	196.5
Max Part Size	780x5000	30.7x196.8



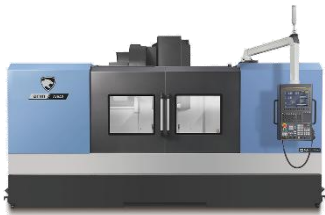
Morando

Quantity 2

Machine Spec	Metric (mm)	Imperial (in)
Swing	1500	59
Travel X	1500	59
Travel Z	1030	40.5
Max Part Size	1500x1030	59x40.5



Small Milling Machines



Doosan DNM 750III

Quantity 1

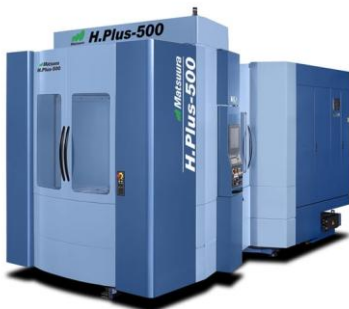
Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	2160x760	85x29.9
Travel X	2160	85
Travel Y	762	30
Travel Z	650	25.6
Max Part Size	1800x1000x700	70.8x39.3x27.5



Leadwell VMC25

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	700x500	27.5x19.6
Travel X	540	19.6
Travel Y	350	13.7
Travel Z	410	16.1
Max Part Size	500x300x400	19.6x11.8x15.7



MATSUURA HPlus 500

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	500x500	19.6x19.6
Travel X	800	31.5
Travel Y	800	31.5
Travel Z	800	31.5im
Max Part Size	800øx800	31.5 øx31.5

Medium Milling Machines



Dah-Lih VMC-2100

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	2100x700	82.6x27.5
Travel X	2000	78.7
Travel Y	700	27.5
Travel Z	650	25.6
Max Part Size	1800x700x550	70.8x27.5x21.6



Johnford VMC-200

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	2200x1000	86.6x39.3
Travel X	2050	80.7
Travel Y	1100	43.3
Travel Z	800	31.9
Max Part Size	1800x1000x700	70.8x39.3x27.5



Kitamura HX500iG

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	500x500	19.6x19.6
Travel X	870	34.3
Travel Y	800	31.5
Travel Z	930	36.6
Max Part Size	800øx800	31.5 øx31.5

Large Milling Machines



Dah-Lih MCH-800

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	800x800	31.5x31.5
Travel X	1350	53.2
Travel Y	1000	39.4
Travel Z	1000	39.4
Max Part Size	1200x1000	47.4x39.3



Doosan NHP 6300

Quantity 3

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	630x630	24.8x24.8
Travel X	1050	41.3
Travel Y	900	35.4
Travel Z	1000	39.4
Max Part Size	1000x900	39.3x35.4



Doosan NHM 6300

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	630x630	24.8x24.8
Travel X	1050	41.3
Travel Y	900	35.4
Travel Z	1000	39.4
Max Part Size	1000x900	39.3x35.4

Large Milling Machines



Doosan NHP8000

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	800x800	31.5x31.5
Travel X	1400	55.1
Travel Y	1200	47.2
Travel Z	1370	53.9
Max Part Size		



Kitamura HX630G

Quantity 3

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	630x630	24.8x24.8
Travel X	1000	39.4
Travel Y	920	36.2
Travel Z	1050	41.3
Max Part Size	1000øx900	39.3øx35.4



Matsuura HPlus 630

Quantity 2

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	630x630	24.8x24.8
Travel X	1050	41.3
Travel Y	920	36.2
Travel Z	990	39
Max Part Size	1000øx900	39.3øx35.4

Large Milling Machines



Mazak FH-8800

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	800x800	31.5x31.5
Travel X	1300	51.1
Travel Y	1100	43.3
Travel Z	1000	39.4
Max Part Size	1200x1100	42.2x43.3



Mazak Nexus 6800-II

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	630x630	24.8x24.8
Travel X	1050	41.3
Travel Y	900	35.4
Travel Z	980	38.6
Max Part Size	1000øx900	39.3øx35.4

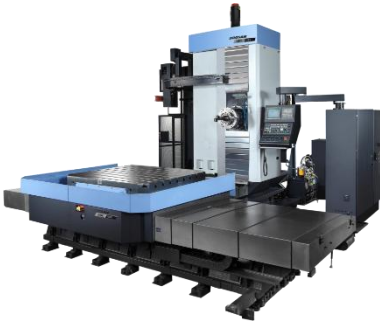


Toyoda FH630SX

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	630x630	24.8x24.8
Travel X	1050	41.3
Travel Y	900	35.4
Travel Z	1050	41.3
Max Part Size	1000øx900	39.3øx35.4

Extra-Large Milling Machines



Doosan DB130

Quantity 2

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	1800x1500	70.8x59
Travel X	3000	118.1
Travel Y	2000	78.7
Travel Z	1600	70
Max Part Size	2200øx2000	86.6øx78.4



Doosan HM 1250

Quantity 2

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	1250x1250	49.2x49.2
Travel X	2100	82.7
Travel Y	1500	59
Travel Z	1500	59
Max Part Size	1800x1500	70.8x59



Hartford PBM-115

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	1600x1400	63x55.1
Travel X	2000	78.7
Travel Y	1600	63
Travel Z	1500	59
Max Part Size	1800øx1600	70.8øx63

Extra-Large Milling Machines



Elgamill HE

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Table	8000	314.9
Travel X	6200	244
Travel Y	1050	41.3
Travel Z	1980	77.2
Max Part Size	9000x1000x1800	354.3x39.3x70.8



Visionwide SF-4120

Quantity 2

Machine Spec	Metric (mm)	Imperial (in)
Pallet Size	4000x2000	157.5x78.7
Travel X	4000	157.5
Travel Y	2100	82.7
Travel Z	1000	39.4
Max Part Size	4000x2000x900	157.4x78.4x35.4

Multi-Axis Machines



Integrex E-500 H2

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	600	23.6
Travel X	870	34.3
Travel Y	500	19.7
Travel Z	3122	122.9
Max Length	3000	118.1



WFL M65

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Swing	830	32.6
Travel X	830	32.6
Travel Y	600	23.6
Travel Z	3000	118.1
Max Part Size	830x3000	32.7x118.1

Dedicated Inspection Area



Portable Inspection Equipment



Inspection Area

Quantity 1

Spec

Size	175m ²	574ft ²
Features	Temperature Controlled Humidity Controlled Quick Close Doors Offline Programming Facilities	

Faro Edge

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Size	1800	72
Axis	7	-
Single Point Repeatability	0.024	0.0009
VoluMetric (mm) Accuracy	±0.034	±0.013

Marposh Merlin Gauges

Quantity 3

Machine Spec

Connectivity	Bluetooth
Chipset	ARM Chip
Storage	4GB
Max Tools	32



LK G-80c

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Software	PC-DIMIS	-
Style	Bridge	-
Travel X	1200	47.2
Travel Y	2000	78.7
Travel Z	1000	39.4



Wenzel 1512

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Software	PC-DIMIS	-
Style	Bridge	-
Travel X	1500	59
Travel Y	4000	157.5
Travel Z	1200	47.2



Brown & Sharpe Xcel 12.20.10

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Software	QCT	-
Style	Bridge	-
Travel X	1500	59
Travel Y	2000	78.7
Travel Z	1200	47.2



Johnson & Allen Bench MPI Unit
Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Length	2300	90.5
Diameter	550	21.7
Mode & Range	92-2893 Amperes	

Fabrication



Fabrication Bays

Quantity 8 Modular Bays

Features

Fully Extracted

Categories GMAW, SMAW, FCAW

Quals AWS D1.1 BS EN 15614.1
ASME IX DNV-05-C401

Materials Include Carbon steel, Stainless steel, Aluminium, Wear resistant and Armor Steels

Max Part Size 3000mmx2000 118.1x78.7x
x6000mm 236.22in

Finishing & Special Processes



Wet Paint Booth

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Length	4000	157.5
Depth	1100	43.3
Height	2000	78.7



Powder Coating Booth

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Length	2280	89.7
Depth	2550	100.4
Height	2440	96

Specialist Equipment



Axle Rotator 9000

Quantity 1

Custom Axle Rotator for Application of Impact Protection to Axles

Machine Spec	Metric (mm)	Imperial (in)
Swing	2300	90.6
Variable Speed		

Impact Protection



Isotherm PSM700

Quantity 1

Universal PUR High-Pressure Unit

Machine Spec

Flow Rate	0.6-10l/min
Max Working Pressure	200bar
Cleaning	Solvent-free & Self-cleaning

Cleaning Solutions



Turbex AC-2.0-2

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Features	Twin Tank	
Max Component Length/Width	1600x160	63x63
Height	900	35.4
Liquid Capacity	1600lt	351.9gal



Technowash AQF 1250-3

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Features	Twin Tank	
Max Component Length/Width	1770x820	63x63
Height	400	15.7
Liquid Capacity	600lt	131.9gal



Tool Pre-Setter

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Max Tool Dia	400	14.7
Max tool Height	600	23.6
Axes Resolution	1 µm	
Feature	Autofocus Function: Motorized C-axis Axis Positioning	



HAIMER Power Clamp Economic Plus NG Heat Shrink

Quantity 1

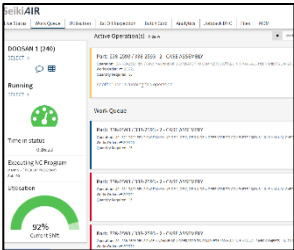
Machine Spec	Metric (mm)	Imperial (in)
Tool Holder Size	3-32	0.1-1.2
Features	Intelligent NG Coil	
	Integrated Cooling System	
	13 kW Power	
	Interchangeable Stop Rings	



Stratasys F370 3D Printer

Quantity 1

Machine Spec	Metric (mm)	Imperial (in)
Build Size	355x254x355	14x10x14
Accuracy	±0.200 mm	±0.0079 in
Technology	Fused Deposition Modelling	
Material Bays	4	



Seiki Air 1.15.2.6

Features

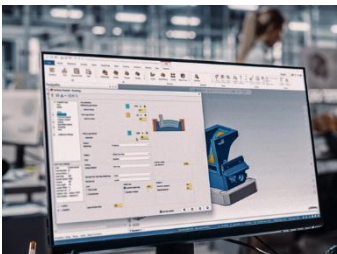
- Capacity Utilisation
- Live on Machine Tool Monitoring
- WIP Booking
- First Off Quality Inspections
- DNC



Seiki Scheduler

Features

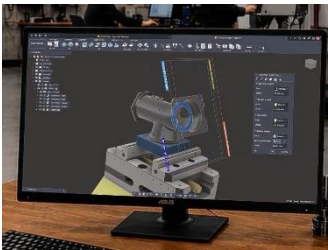
- Finite Capacity Modelling
- Interactive Graphical Planning Boards
- Automated Scheduling Rules
- What-If Scenario Modelling



Mastercam 2027

Features

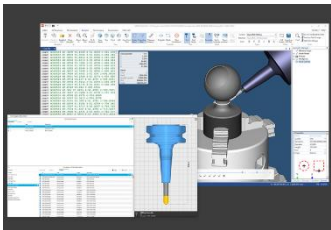
- Dynamic Motion Toolpaths
- Integrated CAD for CAM Workflow
- Advanced Machining Capabilities
- Accelerated Finishing



Autodesk Fusion 360

Features

- Parametric & Direct Modelling
- Multi-Disciplines
- Generative Design
- Integrated CAM
- Photorealistic Rendering



CIMCO Edit V7

Features

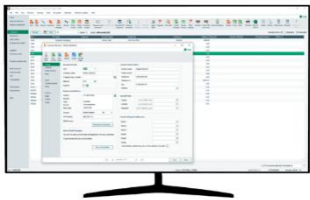
- NC Assistant
- Graphical Backplotter
- Solid Visualization
- DNC Capabilities



Redthorn MRP 14C

Features

- Sales and Purchasing Processing
- Stock and Inventory Management
- Dynamic Analytics
- Sage Integration
- Seiki Integration



Sage Accounts

Features

- Bank Reconciliation
- Expense Management
- Making Tax Digital (MTD)
- Multi-Currency
- Bespoke Financial Reporting

Sage Payroll

Features

- Flexible Pay Frequencies
- Automatic Calculations
- Advanced Pay Adjustments
- Real Time Information (RTI)
- Statutory Payments

File	Edit	View	Modules	Settings	Tools	Resources	Utilities	Help
Home								
Help Centre								
Filter Over 3 months ago 1/1/20 All records (00)								
Customers								
Quotations	A/C	Name	Number	Contact Name	Telephone	Overdue	Balance	Discount
Sales orders	A10001	All Design Services		Ian Cairns	0191 254 1908	0.00	0.00	
Orders and credits	A0001	J&S Computer Ltd		Mike Hall	0191 254 1908	0.00	2123.25	
Suppliers	B0001	Baker Building Supplies		Sean Longmire	0191 254 1908	0.00	4308.77	4
Purchase orders	B0003	Fred Blunt		Fred Blunt	0191 254 1908	0.00	0.00	
	B0003	Brownson Inc.		Paul Gray	0191 254 1908	0.00	0.00	
Products and services	B0005	Business Services		Stephen Howson	0191 254 1908	-2044.62	2044.62	
Items received	C00001	Cash and Credit Card Sales				0.00	0.00	
Handled notes	C00001	Country Gold Supplies		North Office	0191 254 1908	0.00	2038.03	
VAT	C00002	Computer Packaging		South Office	0191 254 1908	0.00	2007.08	
Transactions	E01001	Johnson Design & Build...		Peter Gageby	0191 254 1908	0.00	0.00	
	F01001	F G Landscapes & Design		David Bradford	0191 254 1908	0.00	11305.26	
Fixed assets	G00001	Gulfarm Electronics		Chris Pridley	0191 254 1908	0.00	4445.09	
Disposals	H01001	Hawson Crabbles		Alison Lamberton	0191 254 1908	0.00	1973.14	
Profits	J0001	John Smith Studios		John Smith	0191 254 1908	0.00	972.07	
Diary	K00001	Kingsley & Pritchard		Julian Bell	0191 254 1908	0.00	7398.35	
	M00001	Maceira Hall Associates		Stephen Jaffer	0191 254 1908	0.00	4937.14	4



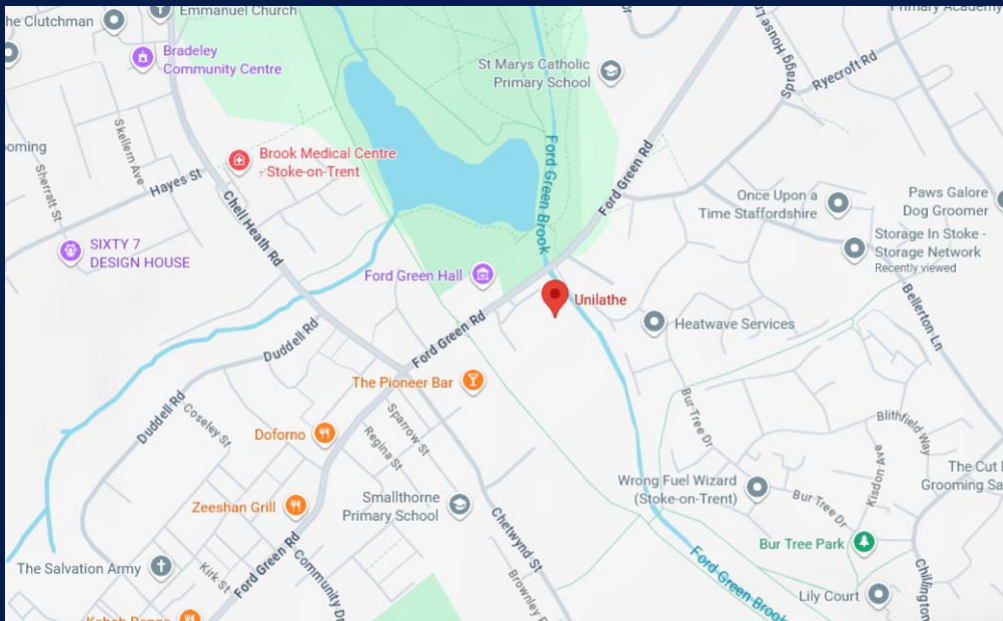
Office 365

Microsoft 365

Features

- Office programs
- Communication tools
- Microsoft Defender
- Sharepoint
- Co-Pilot





Unilathe Limited
Ford Green Business Park
Ford Green Road
Stoke-on-Trent
ST6 1NG
England

enquiries@unilathe.co.uk

Tel: [+44 \(0\)1782 532000](tel:+44(0)1782532000)