

# Hanley Precision Tools

Exclusively from





# Contents

Introduction	Page 1
Product and tool design	Page 2/3
High speed machining, drilling and tapping	Page 4/5
AG600L Wire EDM	Page 6/7
AG60L Sinker EDM	Page 8/9
Heavy duty high speed milling	Page 10/11
Plant Technical Data	Page 12

## Introduction

Established in 1978 by Ken Hanley, this unique company specialises in the complete injection mould design, manufacture and supply package from initial design through to production. This has seen more than 2000 satisfied customers within the Automotive, Building, Electrical, Fenestration and Food Industries.

The first impressions of Hanley Precision Tools are of excellence and sophistication. Its 30,000 sq.ft. of prestigious, purpose built factory accommodation is located in Banbury, making accessibility to the UK and Europe easy.

Quality is the key to the company's success and is strengthened by our years of experience, expertise and above all personal service.

A policy of high investment in the latest state of the art technologies as well as high calibre personnel has been the formula for continued growth.

In a highly competitive market, Hanley Precision Tools has that competitive edge.



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# Product and Tool Design

Hanley Precision Tools design team utilise Pro-e CAD software for component and tool design.

**Our one stop shop services include but never limited to:**

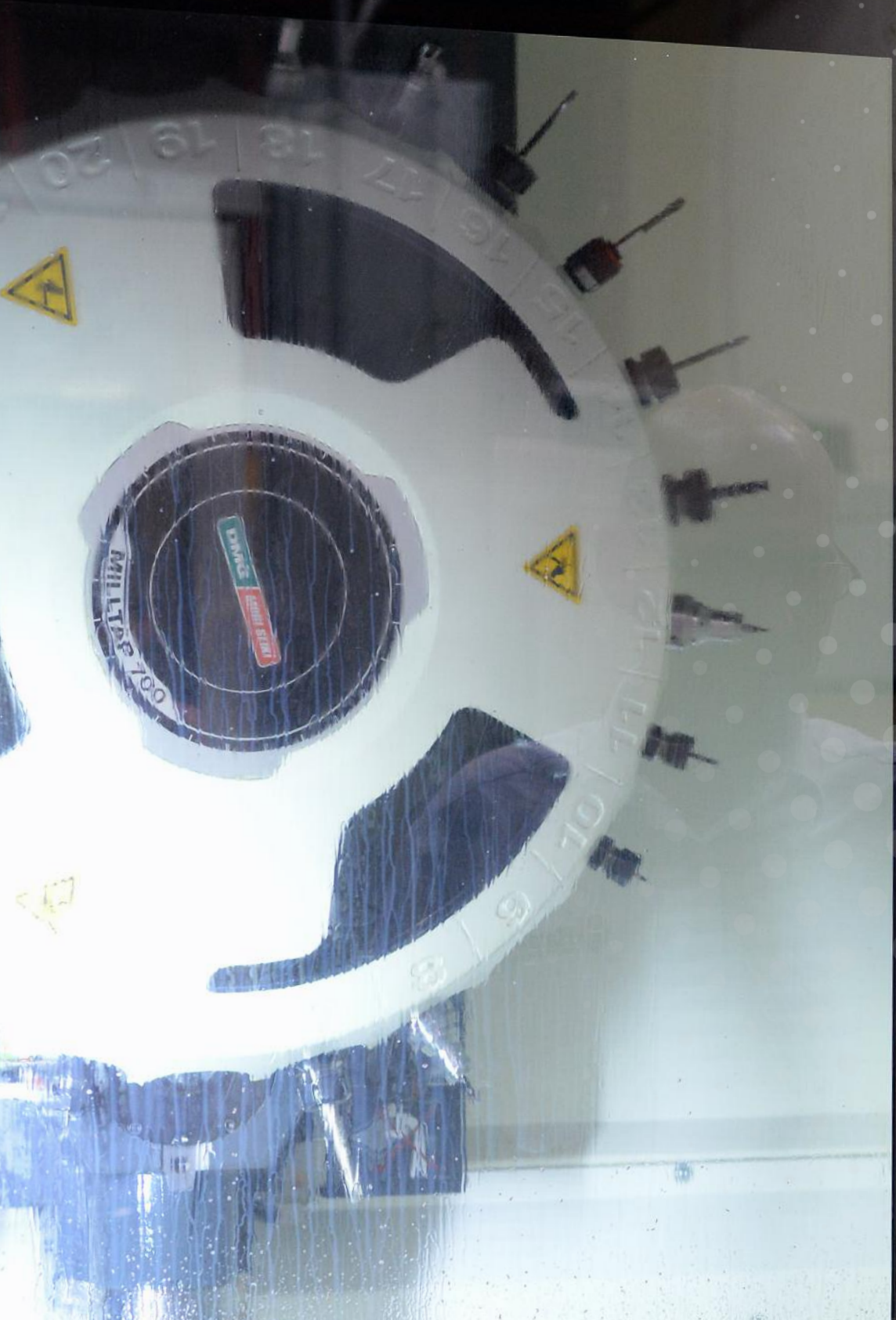
- Project Management
- Product Design
- Prototyping

4

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# MILLTAP 700



# High speed machining, drilling and tapping

Hanley Precision Tools have a wide range of machines and technology offering our customers high accuracy 3D machining. Examples of our machine capabilities include:

## DMC 1035 V – 3-axis machining center features ACE

This 3-axis machining center was Hanley Precision Tools first choice for the economic machining of components up to 1,000 kg. The C-frame design offers best conditions and allows large travels at small space requirements. This series has modern high-tech features such as:

### Machines equipped with:

- 8,000 rpm motor spindle
- Tool magazine with 20 pockets
- double gripper, high rapid traverses and high-tech controls
- 3D software in the standard version.

## MILLTAP 700 – Incredibly fast and consistently precise

The first joint development from DMG and MORI SEIKI is the MILLTAP 700 compact machining centre. This highly productive machine stands out with its patented:

- Tool changes (0.9 sec tool change times)
- Stable base construction for high-performance milling
- As well as its cutting edge SIEMENS 840D solutionline Operate control technology
- As the only machine in this segment, the MILLTAP 700 can be optionally equipped with a measuring system in X / Y / Z for the best repeatability and consistent precision.



6

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## Wire EDM (Electrical Discharge Machines)

**Our in-house wire erosion department includes machines from Sodick, such as the latest AG600L.**

The Sodick machines include the latest Linear Motor Technology. The AG Series is where speed meets accuracy. The AG600L is a precision machining solution that is ideal for medium to large sized parts and die/molds that require close tolerances and fine surface finishes.



8

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## Spark Erosion EDM

**Our investment into the latest spark erosion machines include Sodicks AG60L.**

Wire EDM features Sodick's Linear Motor Technology. The AG60L Sinker EDM features Sodick's Linear Motor Technology. The AG60L features Sodick's latest EDM technology advancements and will ensure higher manufacturing efficiency.



10

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## Heavy duty precision machining

**Our range of machines perfectly match Hanley Precision Tools mould tool manufacturing requirements for 3D machining, complimented by Master Cam X.**

The DMC V ecoline defines a global standard and is now available with a new technology package: DMG SLIMline® Panel with SIEMENS 840D solution line as well as powerful feed motors for high rapid traverses and a fast motor spindle. These enhancements make tool changing faster for greater productivity.

The proven 8,000 rpm motor spindle is well suited for drilling operations with small tools in combination with the coolant supply system. It is also capable of high cutting speeds for use with modern tools to produce optimal surface finishes.



## Plant Technical Data

	Manufacturer	Machine	No. of Machines	Machine Type	Maximum Working Area (mm)			Additional Information
					X	Y	Z	
Machining	DMG	Mill Tap 700	1	High Speed CNC	700	420	380	25 station tool charger - 25,000 spindle speed20
	DMG	1035V	1	CNC Mill	1035	560	510	20 station tool charger - Siemens 840D
	Hurco	VMS 30TI	1	CNC Mill	762	508	610	25 station tool- 12,000 spindle speed
	MIKRON	WF61C	1	Milling	900	500	460	CNC machining centre - vertical & horizontal speed
	MIKRON	UMS 600	1	High Speed CNC	600	500	450	
	XYZ	MX3 PROTRAK	1	Milling	600	500	450	Vertical milling machine
	Bridgeport	Interact 1	1	Milling	457	305	365	Vertical milling machine
	DPM	Proto trak	1	Milling	787	430	635	Vertical milling machine
	ETM	2VS	1	Milling	800	300	400	Turret Mill
Precision & Grinding	Jones & Shipman	540X	1	Surface grinder	450	150		Maximum traversing and includes optidress
	Jones & Shipman	1430	1	Surface grinder	600	300		Maximum traversing and includes optidress
	Fauretto J&S	VB100	1	Surface grinder	1000	450		
	Jones & Shipman	1300	1	Cylindrical grinder	250 diameter x 650 between centres			Maximum work piece size
	Degen TAM	18/600	1	Cut off grinder				
Spark & Wire Erosion	Sodick	AG600L	1	CNC Wire Eroder	750	550		Linear motor drive
	Sodick	A500W	2	CNC Wire Eroder	500	350		
	Sodick	AG60L	2	High speed die sinkers	600	420		Linear motor drive
	Sodick	A65R	1	CNC spark eroders	650	450		
Turning	AJEC	3 - 180	1	CNC lathe				
	Colchester Student	1800	1	Centre lathe				
	Harrison	M400	1	Centre lathe	200 swing x 800 between centres			Hydraulic copying capability
Misc	MAS	VR23	1	Radial drill	450	450	900	Radial Movement 350 - 900
	Oerlikon	UB2	1	Radial drill	900	700	1200	Radial Movement 250 - 600
	Sodick	K1C	1	Small hole drill EDM	200	300	300	Table size X 250mm - Y 350mm



For more information on any of our  
products & services please contact us:

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