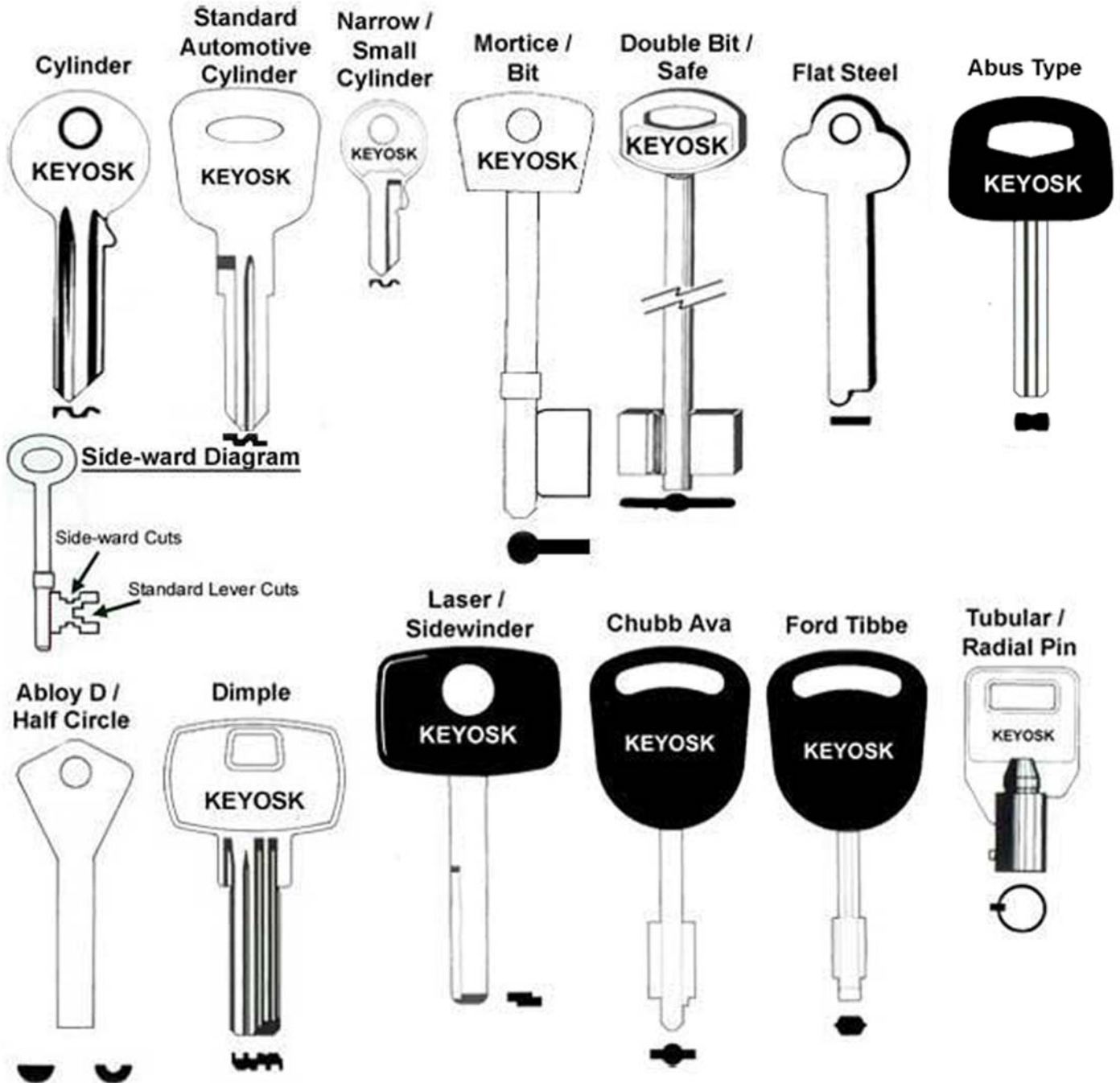


Choosing a key cutting machine

The first stage in choosing the correct machine for your requirements is selecting the types of keys you want to cut. The picture below shows the main key blank categories available. Below each diagram is a profile of the key (known as the key section).



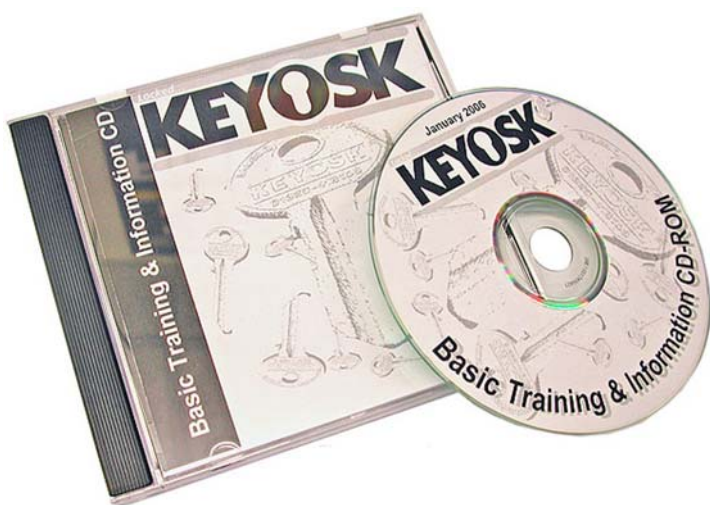
After you have identified the blanks you would want to cut you can use the chart below to find which machines are suitable for the task and hence narrow down your search.

If you need any further information about any of the machines please contact our sales team.

Key machine suitability

	Dual Purpose - G888C	Breeze - TM1015	Super Rigel	Rigel - 150SM / DMS200E	Compact 2000 - DM325	Smythy - DM329	Super Dar 2 - DM07585A	MK3 Automatic - TM1007	Jaguar - TM1008	Ilco Orion Y2K	Mortice MKI - TM1011	Nov a 2000 - DM327	Ecodrill 2000 C/E - DM323C	Mustang - TM303	Ecodrill 2000 Code - DM313	Luna - DM326	Perseo - DM325-03	Sierra 2000 - DM320
As standard	*																	
Attachments required	+																	
To code	?																	
Cylinder	*	*	*	*	*	*	*	*	*									
Standard Automotive Cylinder	*	*	*	*	*	*	*	*	*									
Narrow / Small Cylinder	*		*															
Mortice / Bit (lever cuts)	*	*								*	*							
Mortice / Bit (side-ward cuts)										*	*							
Double Bit / Safe										*	*							
Flat Steel	*	*								*	*							
Abloy Type	*																*	
Abloy D / Half Circle	*																*	
Dimple												*	*	*	*	*	*	
Laser / Sidewinder												+	*	*	*	*	*	
Chubb Ava	*											+	+		+		*	*
Chubb Ava To Code																		*
Ford Tibbe	*											+	+		+			*
Ford Tibbe To Code												+	+		+			*
Tubular / Radial Pin												+	+		+			

Free with cylinder or mortice machines



This CD-ROM is provided by Keyosk FREE, to help you in your new venture. It features step-by-step guides for using your machine and identifying key blanks.

The disk features:

- Overview of your entry level key machine(s)
- Tips on how to identify cylinder keys
- Tips on how to identify mortice keys
- Advice on how to cut cylinder and mortice keys on each machine
- Common terminology
- Listings of the most popular key accessories
- Full 2006 price list
- Full catalogue
- Convenient order Form
- Copy of starter pack information

Dual purpose key cutting machines

G888C – Gladaid - Dual purpose key cutting machine



Part Number	
G888C	

Specifications	
Width	330mm
Depth	300mm
Height (excluding lamp)	190mm
Weight	20kg
Cutter (cylinder)	70x6x20 TiN* coated
Cutter (lever)	70x1.15x25 TiN* coated
Motor	220v – 50/60Hz

* TiN coated = Titanium Nitride (makes a stronger cutter)

Details

This machine is the most versatile in our range allowing the duplication of cylinder keys, mortice / bit keys (without sideward cuts), Abloy (1/2 circle), Abus, Ford Tibbe and Chubb Ava keys.

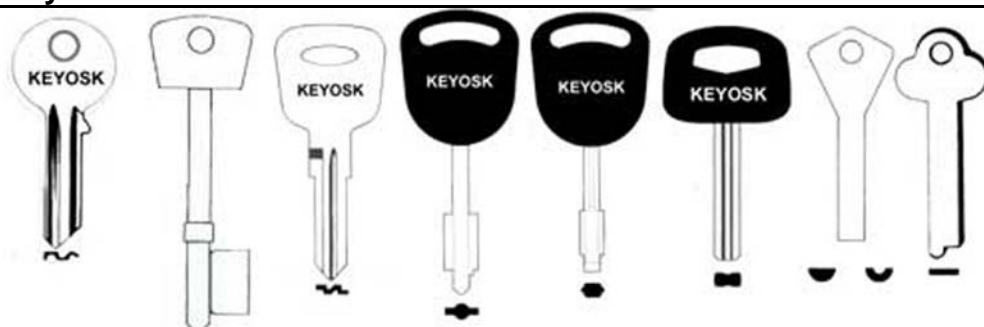
This is a good entry-level key cutting machine. It is an economical way to start key cutting as it is able to cut the majority of cylinder and mortice type keys without having two separate machines.

If you plan to cut a large volume of keys we would recommend a dedicated cylinder machine and a separate dedicated mortice machine instead.

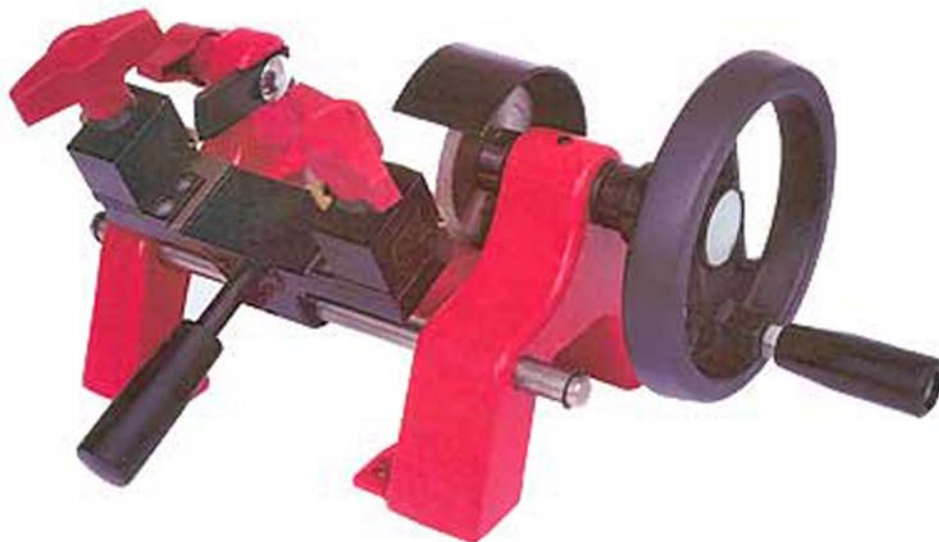
Features

- Precision 4-way jaws
- Transparent protection screen
- Lamp
- Nylon deburring brush
- Hardened depth and key guide
- Swarf tray

Keys cut as standard



TM1015 – RST - Dual power key machine



Part Number	
TM1015	

Specifications	
Width	188mm
Depth	183mm
Height	164mm
Weight	10kg
Cutter (cylinder)	TMC7516
Cutter (lever)	TMC7507
Power source	Manual hand wheel or pulley and drill

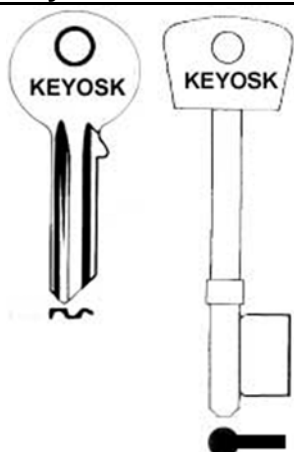
Details

This small key machine is designed for a mobile locksmith to have in a van. It is only designed to cut small volumes of keys. It can be used manually or with a universal drill adapter to suit most makes. Designed to cut cylinder keys and selected mortice type keys when the cutter and guide have been changed.

Features

- Two sided jaws for cylinder & mortice.
- Hand Wheel.
- Universal drill holder with pulley & drive belt.
- Fast release depth gauges.
- Bolt holes on casting for bench mounting.
- 'O' Belt onto drill pulley or hand wheel direct to shaft.

Keys cut as standard



Cylinder key cutting machines

DMS256F – Ilco Orion - Super Rigel semi-automatic machine



Part Number	
DMS256F	

Specifications	
Width	360mm
Depth	450mm
Height	290mm
Weight	23kg
Cutter	80x5x16 carbide
Motor	2 speed, single phase. 0.18kw – 220v –50Hz

Details

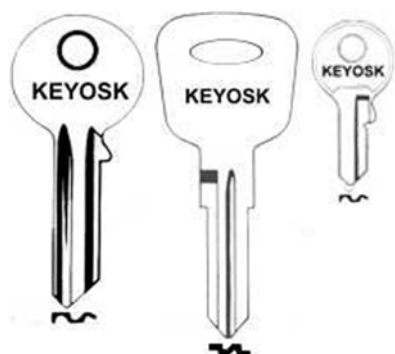
The Ilco Orion Super Rigel is the top of the line cylinder key cutting machine for professional locksmiths. It will cut most cylinder keys including standard motorcycle / car cylinder keys and cruciform keys.

Features

4-way jaw that enables it to cut the greatest range of cylinder key sizes with ease.
 The motor has 2 speeds to provide the optimum speed to cut both steel and brass keys.
 Precision cutter shaft fitted on permanently lubricated sealed ball bearings.
 Fitted with specially secured micro safety switch release, which helps reduce the risk of accidents.

Transparent protection screen.
 Enclosed motor and all moving parts.
 Carriage movement with sliding shaft on self-lubricating bushings.
 Built in light.
 Complete with nylon deburring brush.
 Motor and wiring protected with a fuse against accidental overloads.

Keys cut as standard



DMS200E / 150SM – Ilco Orion - Rigel semi-automatic machine



Part Number	
DMS200E / 150SM	

Specifications	
Width	360mm
Depth	450mm
Height	290mm
Weight	23kg
Cutter	80x5x16 carbide
Motor	Single phase. 0.18kw – 220v –50Hz

Details

The Ilco Orion Rigel is one of the best semi-automatic, cylinder key cutting machines, designed for professional locksmiths. It will cut most cylinder keys including standard motorcycle / car cylinder keys and cruciform keys.

Features

- 2-way jaw enables the cutting of single and double sided cylinder keys.
- Precision cutter shaft fitted on permanently lubricated sealed ball bearings.
- Fitted with specially secured micro safety switch release, which helps reduce the risk of accidents.
- Transparent protection screen.
- Enclosed motor and all moving parts.
- Carriage movement with sliding shaft on self-lubricating bushings.
- Built-in light.
- Complete with nylon deburring brush.
- Motor and wiring protected with a fuse against accidental overloads.

Keys cut as standard



DM325 – Ilco Orion - Compact cylinder key cutting machine



Part Number	Price
DM325	

Specifications	
Width	450mm
Depth	290mm
Height	270mm
Weight	18kg
Cutter	63x5x16 HSS
Motor	Single phase. 0.18kw – 220v –50Hz

Details

The Ilco Orion Compact 2000 key cutting machine is the most economical cylinder key cutting machine in our range. Being small and portable with very few moving parts, it is easy to use and cheap to maintain.

Features

- Featuring precision 2-way jaws
- Transparent protection screen
- High precision cutter shaft
- Hardened key guide
- Direct drive motor

Keys cut as standard



DM329 – Ilco Orion - Smarty cylinder key cutting machine



Part Number	
DM329	

Specifications	
Width	260mm
Depth	320mm
Height	200mm
Weight	14kg
Cutter	80x5x16 HSS
Motor	Single phase. 0.18kw – 220v –50Hz

Details

This model of cylinder key cutting machine is the intermediate model between the Compact 2000 and Rigel key cutting machines.

It will cut single and double side cylinder keys and cruciform keys. The motor does not directly drive the cutter and brush, instead they are connected to it by an encased drive belt.

Features

- 2-way jaw enables the cutting of single and double sided cylinder keys.
- Precision cutter shaft fitted on permanently lubricated sealed ball-bearings.
- Transparent protection screen.
- Complete with nylon deburring brush.
- Motor and wiring protected with a fuse against accidental overloads.

Keys cut as standard



DM07585A – Ilco Orion – Super Dar 2 automatic cylinder key cutting machine



Part Number	
DM07585A	

Specifications	
Width	275mm
Depth	355mm
Height	315mm
Weight	26kg
Cutter	80x5x16 TiAl
Motor	Single phase. 0.18kw – 220v –50Hz

Details

This is a top of the range automatic key cutting machine. Ideal for a very busy shop because after it has been set up and the start button pressed, it will then cut the key without any further intervention* allowing the operator to do something else at the same time.

*(double sided key will need to be manually turned over after each side is cut)

Features

- Precision 2-way jaws
- Micrometrical depth guide adjustment with dial
- Hardened depth & key guide
- Built in light
- Complete with brush
- Motor and wiring protected with fuse against accidental overload
- Adaptability to different special optional clamps
- Designed and produced with active and passive protective devices in conformity to CE requirements

Keys cut as standard



Mortice key cutting machines

DM338 – Ilco Orion - Y2K mortice key machine



Part Number	
DM338	

Specifications	
Width	470mm
Depth	380mm
Height	400mm
Weight	40kg
Cutter (lever)	63x1.35x16 HSS
Cutter (sideward)	25x1.25 HSS
Motor	Single phase. 0.33kw – 220v –50Hz

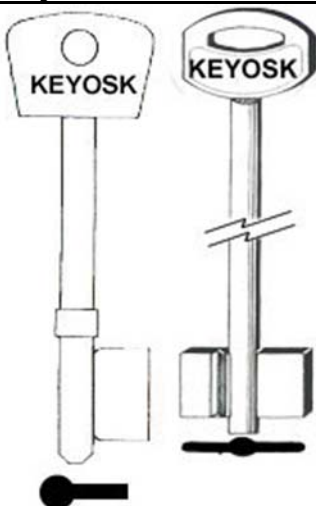
Details

The Ilco Orion Y2K is the top of the line mortice machine and is our most versatile mortice key machine. It is able to cut bit, double bit, mortice keys with side-wards and bullet wards. Especially suitable for cutting long safe keys.

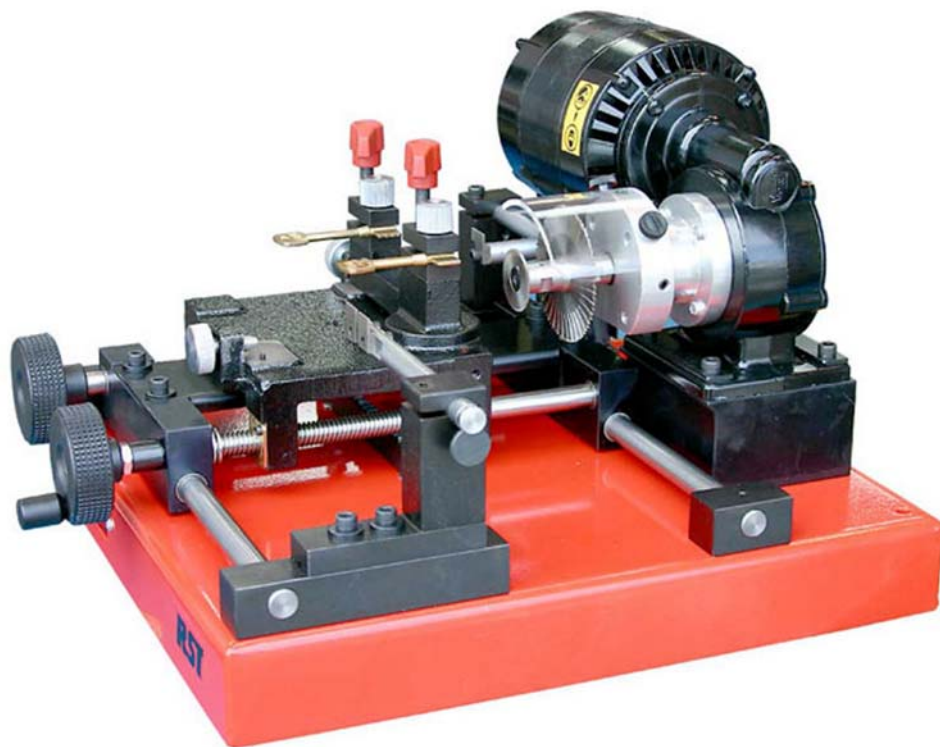
Features

It has a robust 330watt motor to cope with even the largest of tasks. Constructed with a heavy-duty cast iron base with adjustable feet. The carriage operates on a floating bed, allowing keys to be cut using just one hand.

Keys cut as standard



TM1011 – RST - MKII mortice key machine



Part Number	
TM1011	

Specifications	
Width	350mm
Depth	400mm
Height	270mm
Weight	28kg
Motor	230/250v

Details

The MKII Mortice machine is a fast and reliable key cutting machine, noted for its cutting accuracy and ease of use. The simplicity of operation means that lever cuts and side-ward cuts can be cut easily. It comes with a bow holder / vice and a set of clamp adaptors for flat steel keys. Ideal when starting up as a key cutter.

This mortice machine will cut both lever and side-ward cuts on a mortice, bit or flat steel key. If you want to run this from a van you will require an inverter or generator.

For more information about our Key Cutting Starter Packs, please contact us.

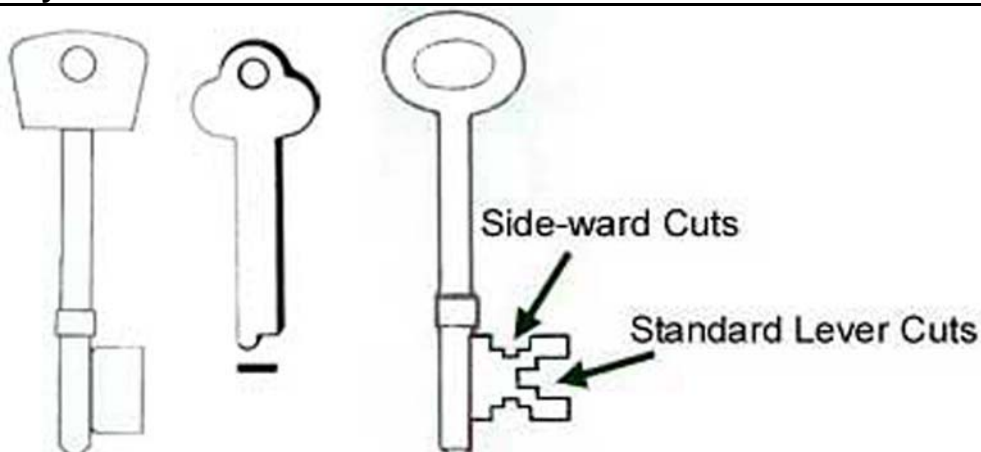
Features

It features a rack and pinion action and lead screw movement.

Side-by-side jaws allow the cutting of long safe keys.

Bow holder to prevent key blank movement when cutting.

Keys cut as standard



Radial key machines (tubular, dimple and sidewinder)

DM327 - Iico Orion - Nova



Part Number	
DM327	

Specifications	
Width	250mm
Depth	360mm
Height	370mm
Weight	24kg
Motor	Collector type. 220v -50Hz 0.2Kw

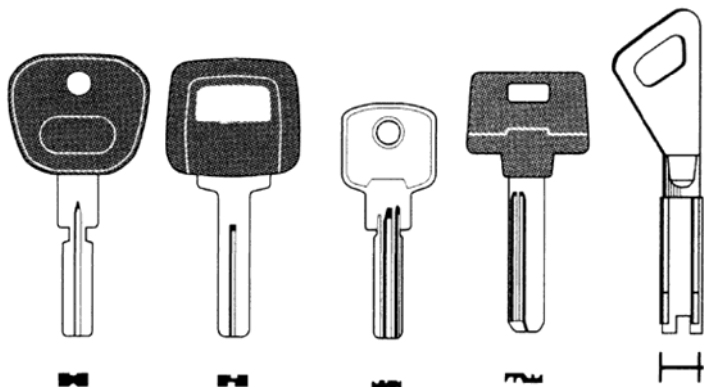
Details

Semi-automatic radial key cutting machine for special profiles, dimple or sidewinder keys.

Features

- Precision cutter shaft fitted on permanently lubricated sealed ball bearings.
- Wide range of key cutting options using optional clamps.
- Motor and wiring are protected with a fuse against accidental overload.
- Designed and produced with active and passive protective devices in conformity to CE requirements

Keys cut as standard



Optional

With the use of attachments available separately, some other keys can be cut (including tubular, Tibbe, Chubb Ava and some other sidewinder/laser keys). Please ask for more information.

DM323C – Ilco Orion - Ecodrill 2000 C/E



Part Number	
DM323C	

Specifications	
Width	350mm
Depth	420mm
Height	460mm
Weight	25kg
Motor	Single phase 1 speed 230v – 50Hz

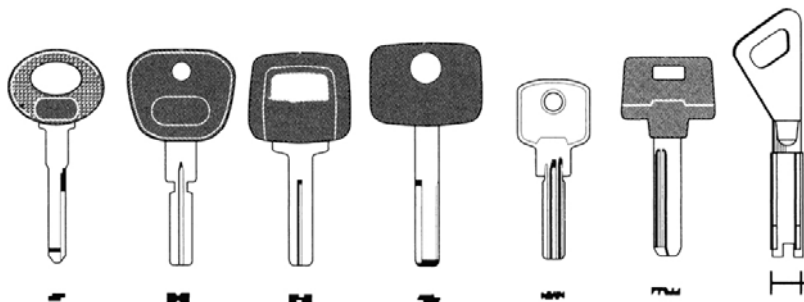
Details

Semi-automatic radial key cutting machine for special profiles, dimple or sidewinder keys.

Features

- Precision cutter shaft fitted on permanently lubricated sealed ball bearings.
- Wide range of cuttings using optional clamps.
- Built in light.
- Motor and wiring protected with a fuse against accidental overload.
- Cutter/Depth guide manual electronic adjustment
- Semi-automatic cutting device
- Ergonomic lever with Z axis locking
- Revolving cutter and tracers
- Designed and produced with active and passive protective devices in conformity to CE

Keys cut as standard



Optional

With the use of attachments available separately, some other keys can be cut (including tubular, Tibbe, Chubb Ava and some other sidewinder/laser keys). Please ask for more information.

TM303 – RST - Mustang



Part Number	
TM303	

Specifications	
Width	300mm
Depth	300mm
Height	450mm
Weight	25kg

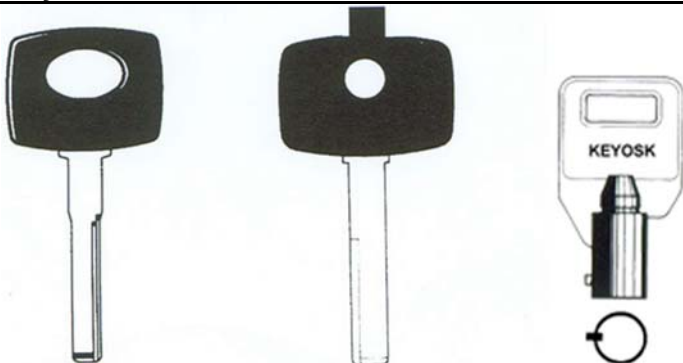
Details

The Mustang improves upon the traditions already laid down by the previous RST Colt machine over the last two decades.

Features

- Variable speed motor
- Cross plate Lock
- Intelligent cross plate control
- Synchronised tilting vices for angle cuts
- Multi-lock adapters included
- Supplied with mercedes key adapters
- Tubular key adapter included
- Dual handle operation
- Light
- Tray for drill bits & accessories

Keys cut as standard



DM331 – Ilco Orion - Ecodrill 2000 code (laptop not included)



Part Number	
DM331	
Part Number	Offer Price
Showroom Model	£2962 + VAT

*Price includes software and dongle

Specifications	
Width	350mm
Depth	420mm
Height	540mm
Weight	25kg
Motor	Single phase 230v

Laptop shown as example only (not included in the price of the machine)

Details

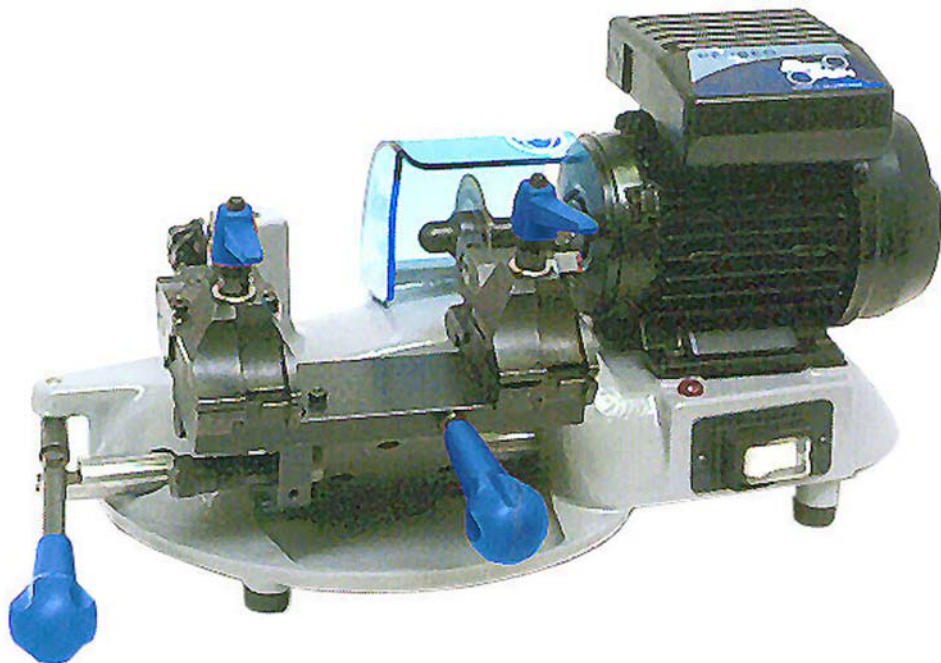
Semi-automatic radial key cutting machine for special profiles, dimple keys or sidewinder/laser. The following dimple keys can be cut by code using the PC software (additional cutters/guides may be required). AGB, ALA, Alpha, Azbe, Cisa, Corbin, Dom-Corbin, Goal, Iseo, Lince, Miwa, Mottura, Mul-T-Lock, Sampo Lock, Showa, STS. Some may require manufacturer's authorisation code.

Features

- Cutter/Depth guide **automatic** electronic adjustment
- Electronic system for code duplication
- Will also cut from a pattern key
- Wide range of cuts using optional clamps
- Manual fastening of all moving parts
- Self locking lever on Z axis
- Precision cutter shaft fitted on permanently lubricated sealed ball-bearings
- Revolving dish for cutters and tracers
- Built in light
- Motor and wiring are protected with a fuse against accidental over loads
- Cutting speed adjustment

Tibbe key machines (e.g. Ford Tibbe, Abloy, Chubb Ava)

DM325-03 – Ilco Orion - Perseo



Part Number	
DM325-03	

Specifications	
Width	470mm
Depth	250mm
Height	250mm
Weight	23kg
Motor	0.18kw - 230v - 50Hz

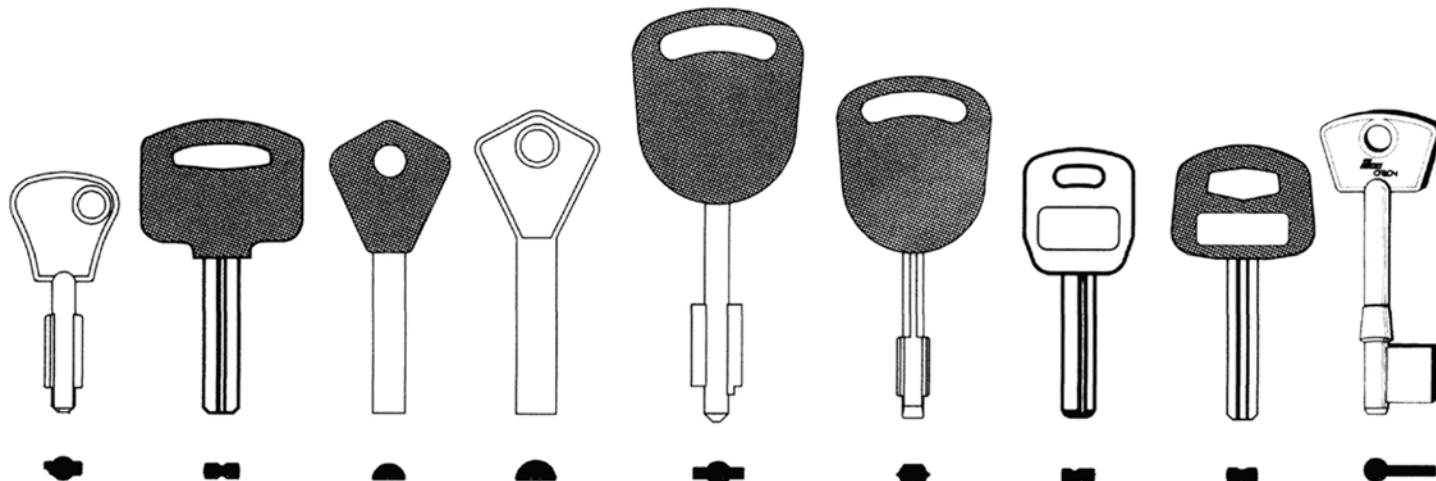
Details

Key cutting machine for Abloy, Abus Granit, Abus Granit Plus, Ava Chubb, Ford Chubb, Ford Tibbe, Luma, Ifam from pattern key and Ford Tibbe by code.

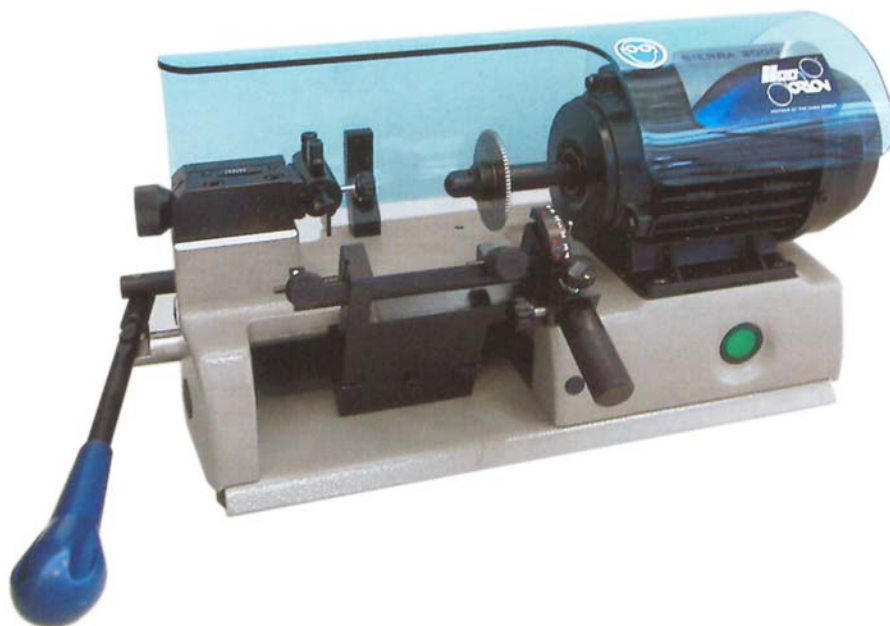
Features

- Precision 2-way jaws.
- Hardened tracer with adjustment on 3 axes.
- Motor with internal overload protection.
- Cutting and rounding with oscillating clamp.
- Motor and wiring are protected with a fuse against accidental overloads.
- Transparent protection screen.
- Motor and wiring protected with fuse against accidental overload.
- Designed and produced with active and passive protective devices in conformity to CE requirements.

Keys cut as standard



DM320 – Ilco Orion - Sierra 2000



Part Number	
DM320	

Specifications	
Width	470mm
Depth	250mm
Height	250mm
Weight	23kg
Motor	0.18kw - 230v - 50Hz

Details

Key cutting machine to duplicate by copy and code Ford Tibbe and Jaguar keys.

Features

- Clamp with a position selecting device to set the correct cutting angle.
- Step by step space increment device for code cutting.
- Hardened tracer with depth adjustment.
- Precision cutter shaft.
- Motor and wiring protected with a fuse against accidental overload.
- Transparent protection screen.
- Designed and produced with active and passive protective devices in conformity to CE requirements.

Keys cut as standard

