



Power Tools

Drill & Drive Bits	208	Lathes & Routers	209	Power Saws	209
Drills & Drivers	207	Miniature Power Tools	206	Sanders	210
Hot Air Guns	209	Plastic Forming	210		

Full range of Power Tools available at:
www.rapidonline.com

Miniature Power Tools

DREMEL
BIG ON DETAIL

3000 Tool and Stand Set



This cost-saving package combines the Dremel 3000 Series Tool with 15 Accessories, 85-0547, and the Dremel 220 Drill Stand, 85-0409. This combination of drill and stand is ideal for drilling PCBs using drills with a 3.15mm shank.

3000 Series Tool:

- 130W
- Variable speed control
- Mains powered with UK plug
- Supplied with case and 15 accessories

220 Drill Stand:

- Drill vertically or at an angle
- Adjustable in increments of 15°
- Can hold tool horizontally for polishing and sanding
- Cord management keeps cord safely stowed
- Depth markings for consistent depth measurement
- Base marked in both mm and inches
- Dimensions: 152 x 152 x 305mm
- Weight 454g

Type	Order code	1+
3000 + 15 Acc + Stand	85-0357	81.83

517649

DREMEL
BIG ON DETAIL

220 Drill Stand

This integrated, telescoping tool stand is the perfect solution for stationary working with your Dremel. Holds tool with the Dremel 225 Flex Shaft. Drill vertically or at an angle, adjustable in increments of 15 degrees. Holds tool horizontally for polishing and sanding. On-board accessory storage. Cord management keeps cord safely stowed. Depth markings for consistent depth adjustment. Base markings (metric and inches).



- Combined Drill Press and Tool Holder
- The perfect solution for stationary working with your Dremel
- Drill vertically or in an angle, adjustable in increments of 15°
- Holds tool horizontally for polishing and sanding
- Integrated, telescoping tool stand holds tool with Flex Shaft (225)
- On-board accessory storage
- Cord management keeps cord safely stowed
- Depth markings for consistent depth adjustment

- Base markings (metric and inches)
- Dimensions: 152 x 152 x 305mm
- Weight 454g
- **Dremel Workstation 220**

Type	Order code	1+
Stand / Workstation	85-0409	33.15

500340

DREMEL
BIG ON DETAIL

3000 Multi Tool With 15 Accessories



This kit includes the Dremel 3000 multitool and 15 genuine Dremel accessories, all packed in a convenient bag.

- Variable speed: 10,000 to 33,000rpm: more comfortable and better control when handling
- Collet lock: for assisting accessory changes
- Innovative EZ Twist Nose Cap: no wrench required for changing accessories
- Integrated hanging hook: for hanging the tool on the Tool holder or near the project
- Replaceable brushes
- 130W motor: for optimal performance
- Soft grip: for reduced vibration and a better handling
- Contents: Dremel 3000, 15 high quality Dremel accessories, Instruction manual and soft storage bag
- **Dremel type 3000-15**

Type	Order code	1+
Dremel 3000 + 15 accs	85-0547	43.92

517044

DREMEL
BIG ON DETAIL

4000 Multitool with 45 Accessories



This kit includes the high performance 4000 multitool, with innovative features like electronic feedback, collet lock out function and a RPM bandwidth of 5,000 to 35,000rpm.

Additionally the kit includes the Flexshaft attachment, which is the ideal attachment for detailed work on hard to reach places. Next to the Flex Shaft attachment the kit includes 45 original Dremel accessories including SpeedClic.

- **Features and Benefits:** High power 175W motor for high performance

- Soft grip in all gripping areas for better handling
- Full variable speed control (5,000 to 35,000rpm) for maximum precision
- Electronic feedback for enhanced torque and performance
- Separate on/off switch with integrated collet lock function
- **Contents:**
- Dremel 4000 multitool fitted with a 3.2mm collet compatible with most Dremel accessories
- 45 high quality Dremel accessories (including SpeedClic starter set)
- High quality Flex Shaft
- Inspiring information DVD and Instruction manual
- Soft bag
- **Dremel 4000 series**

Type	Order code	1+
4000 + 45 accs.	85-0387	82.19

500224

DREMEL
BIG ON DETAIL

Multi-Chuck

The Dremel 4486 Multi Chuck allows you to quickly and easily change accessories on your Dremel multitool without using collets. It accepts drills and other accessories with diameters between 0.4 and 3.4mm.



- Quickly and easily change accessories
- No need to change collets
- Chuck capacity 0.4 to 3.4mm diameter
- **Dremel Type 4486**

Type	Order code	1+
Multi-chuck	85-0506	7.56

502640

DREMEL
BIG ON DETAIL

4000 Platinum Kit (4000-6/128) 6 Attachments and 128 Accessories



The Dremel 4000 Platinum Edition is the ultimate Dremel 4000 multitool kit. As well as the top-of-the-line Dremel 4000 with EZ-Twist Nose Cap the kit includes 6 useful attachments and 128 genuine Dremel accessories, all packed in a high-quality aluminium tool case.

Kit contains:

- Dremel 4000 multitool
- 128 high-quality Dremel accessories
- Detailer's Grip attachment (Dremel type 577)
- Line and Circle Cutter attachment (Dremel type 678)
- Right Angle attachment (Dremel type 575)
- Cutting Guide attachment (Dremel type 565)
- Shaping Platform attachment (Dremel type 576)
- Flexshaft attachment (Dremel type 225)
- Instruction manual
- aluminium carry case
- **Dremel type 4000 Platinum Edition**

Technical specification

Rated power input	175W
Voltage	230V
No-load speed	5000 to 35,000 rpm
Speed setting	Fully variable
Accessory quick change	Yes, EZ-Twist
Length	22cm
Weight	0.66kg
Sound pressure	77.9dB(A)
Sound power	88.9dB(A)
Vibration	2.6 to 11.4m/s ²

Type	Order code	1+
4000 platinum kit	85-0742	141.65

548000

DREMEL
BIG ON DETAIL

8220-5/65 12V Multi Tool Platinum Kit with 5 Attachments & 65 Accessories



The Dremel 8220 is a cordless 12V high-performance premium rotary tool that provides do-it-yourself enthusiasts with greater control for demanding applications. Users can tackle more projects with the powerful Dremel 8220, from advanced DIY to hobby, with this powerful new addition to the Dremel rotary tool system.

The Dremel 8220 has a high-performance motor which boosts power and is designed for demanding applications. A removable, next-generation 12V Lithium-Ion battery delivers peak performance and runs 33 percent longer when cutting screws compared with the previous model. The one-hour charger provides fast charge time so users can return to projects faster.

The 8220 is compatible with all standard and high-performance Dremel EZ Lock accessories.

- EZ Twist nose cap with integrated wrench for fast accessory changes
- Classic pencil grip with balance point close to the bit
- 360° grip zone with soft grip
- Separate on/off switch retains speed settings for ease of use
- Slide switch for full variable speed control up to 30,000rpm
- Supplied with 5 Dremel attachments and 65 genuine Dremel accessories
- Aluminium tool box
- **Dremel type 8220-5/65**

Technical specification

Battery voltage	12.0V
Battery capacity	2.0Ah
Charging time	1 hour
Weight	660g
Length	250mm
Width	45mm
Depth	65mm
Variable Speed	5000 to 30,000rpm
Battery technology	Lithium-Ion / ECP
Speed setting	Fully variable
Accessory quick change system	EZ Twist

Type	Order code	1+
8220 Platinum Kit	25-0552	139.99

565838

PROXXON

230V Precision Drill/Grinder



A mains powered tool, ideal for every conceivable operation: milling, drilling, grinding, polishing, brushing, cleaning, derusting, sawing, carving, engraving and much more.

- Speed continuously variable from 5000 to 20,000rpm
- Full wave electronic speed control
- Virtually constant torque, even at lower speeds
- Precision ball bearings
- 20mm collar fits Micromot drill stands and vices
- Quiet, high quality, specially balanced motor
- Fibreglass-reinforced polyamide housing with comfort sections in the grip area
- Supplied complete with over 40 bits and cutters
- Tough plastic case
- **Proxxon type FBS 240/E**

Technical specification

Input	220 to 240V AC
Max. power	100W
Speed	5000 to 20,000rpm
Chuck	Keyless, 0.3 to 3.2mm
Insulation	Class 2
Length	200mm
Weight	450g

Accessories included

Qty	Type
1	Corundum grinding wheel, pink
1	Silicon-Carbide grinding wheel, green
1	22mm Cutting blade
1	10-piece HSS twist drill set
1	22mm brass brush wheel without arbor
1	Arbor for sanding bands 8 x 10mm
5	Sanding bands 10 x 10mm
1	Corundum grinding bit sphere
1	Corundum grinding bit wheel
20	Cutting discs 22mm
1	Nickel-plated arbor

Type	Order code	1+
Mains drill/grinder	85-9950	54.58

123083

PROXXON

Micromot Drill Stand

A precision drill stand for use with Micromot miniature power drills.

- 120 x 220mm table is milled and fitted with a fence and scale
- Die-cast aluminium headstock, offering a throat capacity of 140mm and 30mm travel
- Chromed feed lever operates via drive disc and ball bearing system for a sensitive feed



- T-bars allow simple height adjustment as well as the fixing of the drill/mill in the 20mm bore fitting
- Drill/mill collar with scale tilts through 90° in both directions
- Holes for fixing base to worktop are also provided
- **Proxxon type MB 140/S**

Illustrated machine vice and power tool not included.

Type	Order code	1+
Drill stand	85-9962	47.08

123089

Drills & Drivers



BOSCH
Invented for life

IXO V Lithium-Ion 3.6V Cordless Screwdriver

The **Bosch IXO cordless screwdriver**, the world's best selling power tool, is now in it's 5th generation with **30% more torque** and **15% increased rotation speed** compared to the Bosch IXO IV!



The ergonomic and compact design of the Bosch IXO V cordless screwdriver makes it particularly practical and its **integrated direction switch and charge level indicator** help to make your work easier. The softgrip covering makes the tool easier to grip and control and thanks to lithium-ion technology, the 3.6V, 1.5Ah battery does not experience any memory effect or self-discharge, which means that the IXO V is always ready to use.

The IXO V is **charged via a micro-USB connection**, which makes charging quick and easy. Its **new PowerLight LED lighting** concept means that even dark work areas can now be optimally lit.

- Improved ergonomic design for multiple grip positions
- New Power LED work light concept: spotlight or scattered light
- Micro USB charger for fast charging
- No memory effect, no self-discharge: always ready for use thanks to 3.6V lithium-ion technology
- Bosch Electronic Cell Protection (ECP)
- Automatic spindle lock for manual tightening or loosening of screws
- Intuitive control concept
- LED charge level indicator
- Softgrip
- Clockwise or Anticlockwise rotation
- Supplied complete with 10 standard screwdriver bits and instruction manual
- **Bosch type IXO V, 06039A8070**

Type	Order code	1+
IXO V 3.6V driver	85-9985	40.88

560300

Celestron 44308-CGL Handheld Digital Microscope Pro



Only

£101.49

Order code 52-9653

Page 247



BOSCH
Invented for Life

PSB 1800 LI-2 Cordless Combi Drill

The Bosch PSB 1800 LI-2 Cordless Combi Drill is ideal for screwdriving, drilling and impact drilling in wood, metal and masonry. It has 20 pre-selectable torque settings plus a drill and impact drill setting providing optimum power for every application.

Thanks to its lithium-ion technology the drill's battery is immune to memory effect, self-discharge and is always ready to use.

The Bosch PSB 1800LI-2 is available with either 1 or 2 battery packs.

- Powerful lithium-ion battery and 60-minute charger, for use with all DIY and garden tools in the Bosch 18 volt system
- No memory effect, no self-discharge
- Always ready for use
- Long battery pack life due to Bosch Electronic Cell Protection (ECP)
- Charging station charges the battery on its own or together with the tool
- Intelligent 3-stage charge level indicator
- 2-speed planetary gearbox
- Forward/reverse rotation with indicator
- Torque preselection with 30 settings plus a drill and impact drill setting
- Optimum power for every application
- Bosch Electronic speed control allows you to accelerate from 0 to max. using the trigger switch
- Keyless chuck with Bosch Auto-Lock for the fastest and easiest tool changes
- LED PowerLight keeps your workpiece well lit and clearly visible

• Bosch type PSB 1800 LI-2

Type	Order code	1+
With 1 battery pack	85-9919	98.18
With 2 battery packs	85-9959	99.56

330405



DCD710 Compact Drill Driver 2x 2.0Ah Li-Ion - 10.8V

These compact drill drivers from DeWalt feature the new slide battery system. They have a compact, lightweight design and 15-position adjustable torque control for consistent screwdriving into a variety of materials with different screw sizes and LED light for improved visibility. The 10mm single sleeve keyless chuck has an automatic spindle lock for quick and easy bit change and two speed settings, variable speed and reverse switch, plus all metal gearing for efficient power transmission and long tool life.

- Voltage: 10.8V
- Chuck: 10mm
- No load speed: 0-400/0-1,500/min
- Max torque: 16Nm, 15 settings
- Capacity: wood: 19mm, steel: 10mm.
- Weight: 0.91kg

Type	Order code	1+
2x 2.0Ah batteries	84-3124	165.89

553084



DCD795 & DCD796 Compact Brushless Hammer Drill Drivers 18V Li-Ion

These 18V compact brushless hammer drill drivers from DeWalt are a superb addition to any tradesman's toolbox, as they use brushless motor technology for excellent efficiency. The brushless motor delivers up to 57% more run time over brushed, while its ultra compact, lightweight design allows use in confined spaces. The two speed all metal transmission increases runtime and provides a longer tool life.

Features include the high speed transmission delivering 2-speed settings (0-600/0-2,000 RPM) improving speed and torque control across a range fastening and drilling applications, while offering 0-34,000bpm for fast drilling in masonry materials. There is also an ergonomic comfort grip handle provides ideal balance and tool control, plus an LED light with 20 second trigger release delay for increased visibility in dark or confined spaces. The LED placement on tool foot eliminates chuck shadows. XR™ Li-Ion batteries with fuel gauge provide 33% more capacity over standard packs.

- Compact and lightweight design fits into tight areas
- Voltage: 18V
- No load speed: 0-600/0-2,000/min
- Impact rate: 0-10,200/0-34,000/min
- Max torque: 60Nm
- Capacity: wood: 38mm, steel: 13mm, masonry: 13mm

Batteries	Order code	1+
2x 2.0Ah	84-3137	407.57
1x 5.0Ah	84-4457	152.22

552569



Drill & Drive Bits



Expert HSS Twist Drills



Expert Quality, high speed straight shank twist drills, supplied in pack quantities.

- Manufactured to **DIN 338** and **ISO 235/1** specifications
- 0.5 to 10mm supplied in **packs of 10**
- 10.5 and above supplied in **packs of 5**

Diameter (mm)	Box quantity	Order code	1+
0.5	10	85-9753	1.71
1.0	10	85-9754	1.81
1.5	10	85-9756	1.97
2.0	10	85-9757	4.19
2.5	10	85-9758	4.30
3.0	10	85-9759	3.29
3.3	10	85-9760	3.30
3.5	10	85-9761	3.68

Diameter (mm)	Box quantity	Order code	1+
4.0	10	85-9762	3.58
4.5	10	85-9763	4.49
5.0	10	85-9764	7.21
5.5	10	85-9765	6.98
6.0	10	85-9766	8.72
6.5	10	85-9767	8.76
7.0	10	85-9768	12.45
7.5	10	85-9769	13.05
8.0	10	85-9770	11.57
8.5	10	85-9771	16.97
9.0	10	85-9772	21.33
9.5	10	85-9773	22.83
10.0	10	85-9774	25.46
10.5	5	85-9775	14.95
11.0	5	85-9776	15.55
11.5	5	85-9777	16.87
12.0	5	85-9778	18.45
12.5	5	85-9779	21.66
13.0	5	85-9780	22.22

081130



Reduced Shank PCB Twist Drill Bits

High-speed twist drills with 2.35mm shanks.

- Ideal for use with PCB drills

Type	Order code	1+	10+
0.6mm	85-0451	1.42	1.31
0.8mm	85-0450	1.42	1.31
0.9mm	85-0452	1.42	1.31
1.0mm	85-0455	1.61	1.50
1.2mm	85-0457	1.42	1.31
1.4mm	85-0460	1.42	1.31
1.6mm	85-0462	1.42	1.31

030609



HSS Drill Bits - General Purpose 1-13mm



These drill bits from Sealey are general purpose HSS drill bits manufactured to DIN 338. They include a 118° point tip, efficient clog-free swarf clearance, while suitable for use with both hand and pillar drills. Also include a high density case for safe storage. Available in packs of 5 or 10, and individual sizes ranging from 1-13mm.

Size	Order code	1+
1mm	84-9817	1.06
1.5mm	84-9819	1.17
2mm	84-9821	1.33
2.5mm	84-9823	1.50
3mm	84-9825	1.77
3.5mm	84-9827	2.04
4mm	84-9829	2.22
4.5mm	84-9831	2.56
5mm	84-9833	3.07
5.5mm	84-9835	3.23
6mm	84-9837	3.78
6.5mm	84-9839	4.32
7mm	84-9841	4.86
7.5mm	84-9843	5.65
8mm	84-9845	7.04
8.5mm	84-9847	7.69
9mm	84-9849	8.94
9.5mm	84-9851	9.75
10mm	84-9853	5.95
10.5mm	84-9855	6.49
11mm	84-9857	7.04
11.5mm	84-9859	7.58
12mm	84-9861	8.12
12.5mm	84-9863	8.67
13mm	84-9865	9.21

554764

Hot Air Guns

RYOBI

EHG2000 Hot Air Gun/Heat Gun 2000W

This **heat gun** from **Ryobi** has two airflow and two heat settings of 400 and 600°C, making it useful for a range of applications.

The powerful 2000W motor coupled with the higher heat setting is great for stripping paint of all types, while the lower setting can be used for lighter tasks such as drying damp material. An overheat protection sensor prevents accidents with the removable front heat shield making accessory change easy.

- Creates very hot air that softens adhesives to remove paint/varnishes or dries wet paint
- Removable front heat shield allows easy changes between accessories
- Two air flow settings
- Two heat settings 400°C/600°C
- Overheat protection sensor
- Convenient hanging hook
- Includes 2 x nozzles
- Manufacturer's part **5133001138**



Technical specification

Input Voltage	230V AC
Power Rating	2000W
Heat settings	60 - 600°C
Air flow	250 / 500 Litres per minute
Weight	0.84kg

Type	Order code	1+
2000W Hot Air Gun	85-8875	33.19

503022

Einhell

Hot Air Guns 2000W

The **Einhell** BT-HA 2000/1 hot air gun is a powerful tool which provides good service to DIY enthusiasts on jobs involving the removal of old lacquer and paint, the fitting of plastic tubes, and much more besides. The power is selectable in two settings in order to adjust the temperature and air rate to the particular requirements. A wide nozzle, a reflector nozzle, a heat nozzle and a 20 mm reducer nozzle are included for optimum adjustment of the BT-HA 2000/1 hot air gun to the particular task. There is also a paint scraper for expert removal of lacquer and paint residues from surfaces. For maximum safety during operation, the tool can be parked such that it cannot topple. The hot air gun is stored neatly and ready-for-use in a practical transport and storage case.

- Category: Hot Air Gun
- Range: Einhell Blue
- Power: 2000W
- Airflow rate at setting 1: 300 l/min
- Airflow rate at setting 2: 500 l/min
- Temperature at setting 1: 350°C
- Temperature at setting 2: 550°C
- L x W x H: 290 x 85 x 245mm
- Product weight: 0.68kg
- Manufacturer's part no.: 4520167



Type	Order code	1+
BT-HA 2000/1	84-4923	26.37

503118

Power Saws

DRAPER

85W Fretsaw 400mm

A high quality fretsaw with a steel base and table. The parallel-action arm design allows quick and accurate cuts.

- Integral dust blower keeps the cutting line clear
- Connector for dust extraction
- Worktable tilts from 0 to 45°
- Uses 127mm pin-end fretsaw blades
- Fitted with BS approved non-rewireable 3-pin moulded UK plug
- **Draper type FS16SA / 38126**



Technical specification

Voltage	230V AC
Power rating	85W
Maximum thickness of cut	50mm
Throat depth	400mm
Blade length	127mm
Cuts per minute	1400
Stroke	15mm
Table size	410 x 253mm
Table tilt	0 to 45°
Base dimensions	400 x 216mm
Weight	22kg

Type	Order code	1+
85W Fretsaw	85-8332	121.60

062597

DRAPER

Fretsaw Blades

Carbon steel fretsaw blades with hardened steel teeth.

- Pin end fitting
- Suitable for cutting wood, plastics, nonferrous metals and most other materials
- For use with Draper and other manufacturers similar fretsaws and scroll saws
- Available with **25, 18, 15 and 10 tpi**
- Supplied in **packs of 12**
- **Draper types 25510, 25511, 25512 & 25513**



Teeth	Order code	1+
25 tpi	85-8333	6.64
18 tpi	85-8334	6.06
15 tpi	85-8335	6.95
10 tpi	85-8336	6.35

121156

SEALEY POWER PRODUCTS

Variable Speed Scroll Saw 406mm Throat 230V

Fully CE approved scroll saw with quality case rounded table. Features parallel arm design and quick blade changing system. Variable speed operation to cut multiple types of materials. Fitted with adjustable safety guard and flexible dust blower. Optional lamp unit available, Model No. SM1302LU.



- Fully CE approved scroll saw with quality rounded table.
- Features parallel arm design and quick blade changing system.
- Variable speed operation to cut multiple types of materials.
- Fitted with adjustable safety guard and flexible dust blower.
- Model No. SM1302

Technical specification

89-4961	
Model No:	SM1302
Throat Depth:	406mm
Maximum Cut:	50mm
Stroke:	15mm
Speed:	400-1600spm
Table Size:	410 x 253mm
Table Tilt:	0-45°
Motor Power:	120W
Supply:	230V

Type	Order code	1+
Scroll saw	89-4961	82.32

305375

Lathes & Routers

SEALEY POWER PRODUCTS

Metal Working Lathe 500mm Between Centres



Quality **workshop lathe** from **Sealey** suitable for a wide range of turning and drilling applications. It has a power feed for even surface finish and thread cutting. A 4-way tool post mounted on the compound slide mechanism enables fast interchange of cutting tools with accurate feed.

- Powered by 550W motor through six-speed gearbox
- Distance between centres 500mm
- Centre height over table 150mm
- Speed range 160 to 1600rpm
- Incorporates quiet running PTO gearbox with oil bath lubrication for power feed
- Supplied with three-jaw chuck, and dead centre
- Fitted with no-load voltage release switch
- Fully guarded to CE safety of machinery regulations 98/37/EEC and covered by EMC directive 89/336/EEC and Low Voltage directive 79/23/EEC
- Workshop stand available separately
- Manufacturer's part **SM27**

Technical specification

89-2785	
Model No:	SM27
Centre Height Over Table:	150mm
Centre Height Over Saddle:	80mm
Distance Between Centres:	500mm
Spindle Bore:	ø26mm
Speed Range:	160-1600rpm
Head Stock Taper:	MT4
Tail Stock Taper:	MT3
Tail Stock Travel:	40mm
Screw Cutting:	
Metric Pitch Quantity:	14
Metric Pitch Range:	0.5-3mm
Inch Pitch Quantity:	20
Inch Pitch Range:	11-40tpi
Motor Power:	550W
Supply:	230V

Type	Order code	1+
Lathe	89-2785	1078.95
Stand	89-2791	222.69

305197

Rapid
education

We bring
STEM to life



2000W Variable Speed Plunge Router

A high quality plunge router with variable speed control and powerful 2000W motor.

- Electronic speed control ensures that the same fine finish is achieved in all grades of timber, aluminium and plastics
- Full wave electronic control ensures the selected speed is maintained under any load
- Routing depth setting with fine adjustment and magnified scale for simple setting
- Two column precision guide with large phosphor bronze bushes for plunging accuracy
- High quality die cast aluminium housing so that carefully controlled plunge cuts can be made
- Large comfortable handles with the on/off switch and plunge lock at your finger tips for excellent control
- Dust extraction through the base mounted spout for virtually dust free routing
- Supplied complete with parallel fence with fine adjustment, dust extraction adaptor, 30mm guide bush, 1/2in. collet, 22mm spanner and heavy-duty carrying case
- **DeWalt model DW625EK**



Technical specification

Voltage	230V
Power input	2000W
Power output	1400W
No-load speed	8000 to 20,000rpm
Plunge stroke/movement	80mm
Collet size	6 to 12.7mm
Max. cutter diameter	50mm
Weight	5.1kg
Length	290mm

Type	Order code	1+
2000W Router	85-8422	342.20

075973



D26200 1/4in Compact Fixed Base Routers - 900W 110/230V

These **compact fixed base routers** from DeWalt have been designed with full wave electronic speed control and feedback, which ensure the selected speed is maintained under any load for a consistent finish in all grades of timber, aluminium and plastics. The routers have variable speed control (16,000 to 27,000/min), enabling the router's bit to be optimised for application.

Equipped with a depth ring and clamping mechanism which combines to ensure the motor remains accurate, while the aluminium motor housing and base construction provides long term durability with the large 100mm D-Base design, allowing the user maximum router support on the work piece. The dual LED lights increase visibility around the router bit during operation for increased accuracy, and the multiple spindle lock detents enable quick and simple router bit changes.



Values include:

Hand/arm vibration: 7.0m/s²
 Uncertainty K 1 (vibration): 2.7m/s²
 Sound pressure: 77dB(A)
 Uncertainty K 1 (sound): 3.0dB(A)
 Acoustic pressure: 88dB(A)
 Uncertainty K 2 (sound): 3.0dB(A)

- Power input: 900W
- Power output: 620W
- No load speed: 16,000-27,000/min
- Plunge stroke/movement: 55mm
- Collet size: 6-8mm
- Max. cutter ø: 36mm
- Weight: 1.9kg
- Length: 120mm
- Height: 200mm
- Voltages available: **110V or 230V**

Delivery includes: parallel fence, dust extraction adapter, 8mm collet (1/4in) and 17 mm spanner.

Voltage	Order code	1+
230V	84-3059	140.35
110V	84-3060	140.35

562410

Sanders



PSS 200 A Orbital Sander



The ideal solution for extremely high surface quality on large surfaces with fast sanding progress.

- Powerful 200 watt motor
- Guarantees fast and fine sanding on wood or metal
- Sanding surface 92 x 182mm
- Velcro-type fastening for fast and convenient sanding sheet changes
- Bosch micro filter system
- Built-in dust extraction element sucks over 80% of the dust directly into the micro filter box
- Connection for external dust extraction
- Low vibration construction
- Softgrip for comfortable working
- Good handling for both left and right handed use
- Easy one or two-hand operation for sanding on edges and in angles

• Bosch type PSS 200 A

Technical specification

Power input	200W
Sanding plate	93 x 185mm
Sanding area	167cm ²
Oscillating circuit dia.	2mm
Orbital stroke rate	24,000 rpm
Machine weight	1.6kg

Type	Order code	1+
PSS 200 A	85-9909	42.76

300317

Plastic Forming



500 & 920 Hot Wire Strip Heaters



The C R Clarke 500 and 920 hot wire strip heaters are designed to locally heat thermoplastic sheet materials of thicknesses between (typically) 0.5mm and 6.0mm to allow bending.

The machines operate by heating a thin (0.9mm) diameter resistance wire, located in a guard channel beneath the material to prevent accidental touching. The wire sits approximately 4mm below the material and there is no physical contact between the wire and the material. The heating wire is powered from a transformer and operates at approximately 10 Volts.

A calibrated scale on each side of the working area assists the user with both alignment and measurement of the bend position.

- 500 or 920mm (20 or 36in.) working length
- Folds 1 to 4mm (0.04 to 0.16in.) thick material
- Single heat setting
- Single wire capacity for tight accurate bends
- Guarded hot wire for safety

Technical specification

Model	500	920
Input voltage	230V AC	230V AC
Input current	0.32A	0.6A
Power	75W	144W

Working length	Order code	1+
500mm	34-8500	386.29
920mm	34-8502	570.31

563370



S and D Range Single/Double Sided Hot Wire Strip Heaters



This range of hot wire strip heaters provides a quick and efficient solution for the local heating of thermoplastic sheets up to 10mm (3/8in.) thick. It uses single-sided (600S, 1000S & 1500S) or double-sided (600D, 1000D & 1500D) multiple wire heating.

- Range of working lengths: 600/1000/1500mm (24/40/59in.)
- Single or double sided heating
- Twin wires for fast heating of materials up to 10mm thick
- Adjustable wire height up to 8mm for folding a greater range of materials
- Adjustable work stop calibrated in metric & imperial units
- Adjustable wire spacing for different bend radii
- Clamp beam to prevent bowing during heating cycle
- **C R Clarke S and D ranges**

Order online

Activate your account for online ordering.

www.rapidonline.com/signin/register

Working length	Heating	Order code	1+
600mm	Single	34-8504	544.27
1000mm	Single	34-8508	817.00
1500mm	Single	34-8512	1328.80
600mm	Double	34-8506	848.00
1000mm	Double	34-8510	1246.03
1500mm	Double	34-8514	1643.00

563371



280 Hot Wire Sculptor



The C R Clarke 280 hot wire sculptor allows you to accurately cut thermoplastic foam into a wide range of shapes. Its adjustable guides accurately place the material and its wire bow protractor accurately sets angles to produce wedges, chamfers and cones.

The 280 also includes a hand-held wire loop for freehand sculpting.

A pneumatic foot switch energises the hot wire or sculptor tool only while cutting. This results in safer operation and reduces fume emissions during cutting to a minimum.

- 280mm (11in.) cutting length
- 635mm (25in.) throat depth
- Adjustable work guides for accurate material referencing
- Robust polyethylene table
- Wire bow protractor accurately sets angles, chamfers & cones
- 5 cutting speeds
- 3 sculpting speeds
- Foot switch heater operation helps to reduce fumes
- **C R Clarke type 280**

Type	Order code	1+
Hot wire sculptor	34-8534	614.00

563376



Triform 180 Hot Wire Cutter & Sculptor and Accessories



The Triform 180 from C R Clarke is a 3-in-1 machine that cuts and sculpts expanded thermoplastic material as well as bending thermoplastic sheet up to 6mm thick.

Separate heating wires are used for line bending and sculpting, optimising performance in both modes. A toroidal transformer provides safe low voltage power to the heating wires.

The local line bending feature uses a guarded hot wire for safety. A calibrated work table provides easy setting of the bend position.

In hot wire sculpting mode the operator can tilt the wire bow to cut at 90°, 67.5°, 60° and 45°. A pneumatic foot switch energises the hot wire or sculptor tool only while cutting. This results in safer operation and reduces fume emissions during cutting to a minimum.

- 180mm (7in.) working length (cutting)
- 300mm (12in.) working length (bending)
- 480mm (19in.) throat depth
- Work table calibrated in metric & imperial units
- 90, 67.5, 60 & 45 degree cutting angles
- Foot switch helps to reduce fumes

• C R Clarke type Triform 180

Type	Order code	1+
Cutter and sculptor	34-8526	556.49
Sculptor tool wire	34-8528	24.00
Wire bow wire	34-8530	25.04
Strip heater wire	34-8532	24.00
20SWG wire 10m roll	34-8522	25.04
22SWG wire 10m roll	34-8524	20.00

563375



1210, 280 x 204mm Vacuum Former



C R Clarke's 1210 quickly efficiently and consistently produces professional quality, high definition vacuum formings on a small scale as required by model makers, development engineers and students.

- 204 x 280mm (8 x 11in.) forming aperture
- 6mm (0.25in.) max. material thickness
- 100mm (4in.) max. mould height
- Ceramic heater system
- Heat resistant moulded RTV silicone seals
- Blow release
- Mechanical interlock prevents moulds from damaging heaters
- Models available for 230 and 115V mains voltages
- Stand available separately
- Service kit with replacement seals and filters available separately

• C R Clarke type 1210

Technical specification

Voltage	230V, 50 to 60Hz (115V model also available)
Max. current	5.9A
Max. forming aperture	204 x 280mm
Sheet size	228 x 305mm
Max. mould height	100mm
Max. material thickness	6mm
Platen stroke	115mm
Vacuum (typical)	635mm Hg (-0.86 bar)
Heater system	Ceramic
Dimensions	810 x 452 x 512mm
Weight	41kg

Type	Order code	1+
230V vacuum former	34-8574	1751.52
115V vacuum former	34-8576	1751.52
Vacuum former stand	34-8578	201.00
Former service kit	34-8580	46.00
Spare toggle clamp	34-8608	20.00

563409



Full range of fixings and fastenings available online ...

DASH AND DOT

Designed for learning, engineered for fun.

See page 58 for more details

