

01944 Bench Morticer with Sliding Table

A compact bench mounted morticer giving high levels of accuracy, ease of use with industrial features at an affordable price. An important feature of this machine is the heavy and solid clamp, which holds workpieces securely, ensuring no movement during operation. Fully adjustable gib strips make sure accuracy is maintained.

- Solid cast iron table and work clamp
- Adjustable gib strips for superior accuracy
- Gas strut gives smooth action
- Vertical and sideways movement stops



Aluminium motor housing for improved heat dissipation



The repositionable cast iron clamp provides a solid hold for a wide range of workpiece sizes



Don't Forget
ACCESSORIES &
CONSUMABLES
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13 AMP
SUPPLY

NVR
SWITCH

ITEM NO.	01944
Motor	370w (0.5hp)
Supply	230v (13amp)
Table Size	180 x 157mm
Base Size	320 x 270mm
Morticing Capacity	6 - 16mm (1/4" x 5/8")
Drill Chuck Capacity	13mm
Max. Clamping Width	80mm
Spindle Travel	130mm
Max. Workpiece Height	120mm
Weight	46kg
Packaged Dimensions (LxWxH)	340 x 450 x 670mm
Barcode Number	5012713019441

ACCESSORIES

Mortising Chisels Bits	
1/4" Chisel Bit	06820
3/8" Chisel Bit	06822
1/2" Chisel Bit	06824
5/8" Chisel Bit	06826
3 Piece Chisel Set (6, 10, 12mm)	06827
4 Piece Chisel Set (6, 10, 12, 16mm)	06829

WARNING
• Read instruction manual before operating
• Wear eye protection
• Do not wear gloves, necktie, or loose clothing
• Clamp workpiece or brace against column to prevent rotation.

FLOOR STANDING MORTICER

01950 Professional Floor Standing Morticer with Cabinet

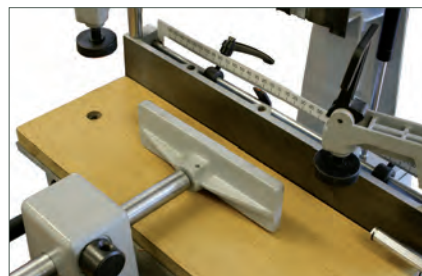
professional level ★ ★ ★

A heavy duty cast iron morticer on a cabinet stand with a maximum capacity of 25mm. The head moves smoothly on a solid rack and dovetail column, with gib strips that can be easily adjusted for accuracy and smoothness in use. Work is held securely in a quick lock clamp and the powerful 1hp induction motor provides ample power for all applications. The rise and fall handle is positionable for maximum leverage.

- Solid cast iron table and work clamp
- Ratchet rise and fall handle
- Adjustable gib strips for accuracy
- Cabinet stand included
- Vertical and sideways movement stops



Multi-height, depth table adjustment



Solid cast iron table with wood top and cast iron clamp, slides into position quickly and easily



Aluminium motor housing for improved heat dissipation



Sturdy steel, shelved cabinet stand included



Rise and fall handle features a ratchet mechanism to give optimum leverage



Don't Forget
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2 YEAR
WARRANTY

13 AMP
SUPPLY

NVR
SWITCH

ITEM NO.	01950
Motor	750w (1hp)
Supply	230v (13amp)
Table Size	400 x 150mm
Max. Drill Depth	70mm
Morticing Capacity	6 - 25mm (1/4" x 1")
Drill Chuck Capacity	18mm
Max. Chisel Stroke	210mm
Spindle Travel	140mm
Weight	119kg
Packaged Dimensions (LxWxH)	460 x 400 x 1500mm
Barcode Number	5012713019502

ACCESSORIES	
Mortising Chisels Bits	
1/4" Chisel Bit	06820
3/8" Chisel Bit	06822
1/2" Chisel Bit	06824
5/8" Chisel Bit	06826
3/4" Chisel Bit	06828
3 Piece Chisel Set (6, 10, 12mm)	06827
4 Piece Chisel Set (6, 10, 12, 16mm)	06829

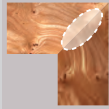
2 Year
Warranty

STAND
INCLUDED

Joints.....

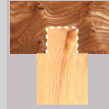
BISCUIT JOINTS

Biscuit joint is a 4mm semi-circular groove cut into both pieces of wood at the jointing point. Glue is applied and a small biscuit of compressed beech (a biscuit) is inserted. The adhesive swells the fibres of the biscuit causing it to expand laterally in the slot and add a physical locking reinforcement to the glue joint itself to create an incredibly strong joint.



MORTICE AND TENON JOINT

Traditional jointing method. Mortice and Tenon joints are made up of two parts. The Tenon is made by cutting into the first piece of wood to form a peg. The Mortice is a groove in the second piece of wood in which the Tenon is seated.



DOVETAIL JOINT

A Dovetail Joint is a classic way of joining two pieces of wood. It not only gives a strong joint but a decorative finish to your project. Created by cutting interlocking angled slots into both pieces of wood which are then slotted and glued together.



07904 Biscuit Joiner

Designed for precision woodworking and furniture making. Fitted with an extra powerful 800w motor it is ideal for joining wood at any angle. The Biscuit Joiner is fitted with a TCT blade, dust extraction port and dust bag.



Protective plastic workpiece guard

trade level ★★

- Adjustable tilt fence 0° to 90° for angled biscuit insertion and joints
- Depth adjustment for standard (00, 10, 20) biscuit sizes
- Complete in a blow moulded case
- Fine adjustment facility
- Plastic guard protects workpiece surface during use

13 AMP SUPPLY

ITEM NO.	07904
Motor	800w (1hp)
Supply	230v (13amp)
Max. Depth of Cut	30mm
Weight	4.5kg
Packaged Dimensions (LxWxH)	400 x 220 x 180mm
Barcode Number	5012713079049

01583 Dovetail Jig

An accurate and easy-to-use dovetail jig that allows the necessary offset to cut the perfect male / female dovetail joints in an instant. The jig clamps both work pieces at the same time. Manufactured in robust cast iron with fully adjustable work piece clamps. The Quick Set Dovetail Jig is suitable for use in a professional woodworking shop or a home workshop.

INCLUDED:

- 7/16" x 1/4" Bearing Router Cutter
- 1/2" Aluminium cutting template

AVAILABLE OPTION:

Heavy duty aluminium templates

63890 - 7/16"

63891 - 9/16"



Fully adjustable workpiece clamps and heavy duty aluminium template

trade level ★★



ITEM NO.	01583
Workable Material	31 - 300mm
Aluminium Template Included	1/2"
Weight	9kg
Packaged Dimensions (LxWxH)	460 x 310 x 210mm
Barcode Number	5012713015832

ACCESSORIES	
7/16" x 1/4" Bearing Router Cutter	01371
7/16" Cutting Template	63890
9/16" Cutting Template	63891

BEARING CUTTER INCLUDED

01478 Router

This machine has a powerful 1500w 2.0hp motor with variable speeds 6000 to 22000 rpm.

This is a sturdy machine designed for hard work.

- Supplied in heavy duty carry case
- Micro adjustable depth stop
- 4 pre-set stops
- Dust extraction outlet

SET INCLUDES:

- Dust extraction port
- Parallel fence guide
- 1/4", 3/8", 1/2" collets
- Trammel guide
- Allen key
- 6x popular TCT router bits including rounding over, dovetailing and fluted bit



Supplied in a blow moulded carry case



Parallel guide fence

trade level ★★

13 AMP SUPPLY

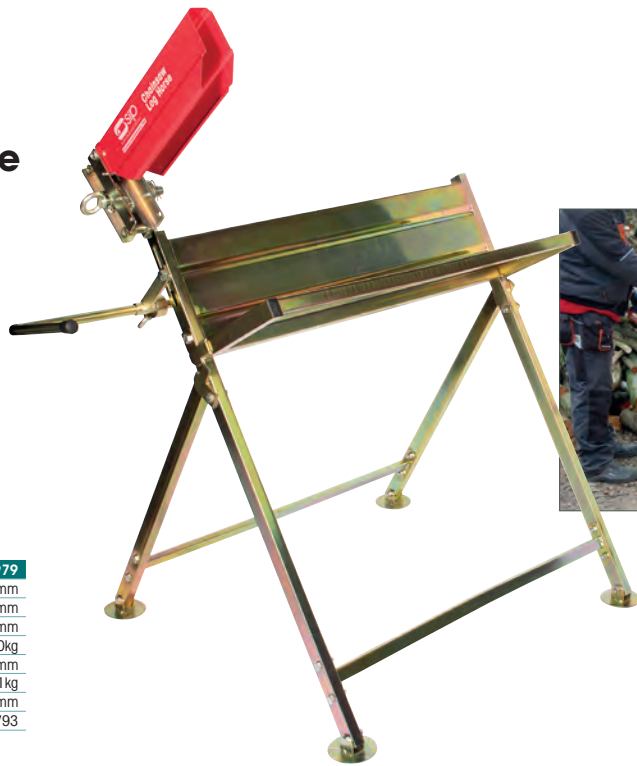
ITEM NO.	01478
Motor	1500w (2hp)
Supply	230v (13amp)
Max. Plunge Depth of Cut	50mm
Weight	3.5kg
Packaged Dimensions (LxWxH)	400 x 335 x 300mm
Barcode Number	5012713014781

LOG HORSE

01979 Chainsaw Log Horse

Quickly and efficiently cut logs and firewood with the SIP Chainsaw Log Horse. Compatible with most electric and petrol driven chainsaws, the horse sturdily supports both the chainsaw and logs of varying sizes at a comfortable operating height.

- Hard-wearing steel construction for durability
- Integrated chain guard for added safety
- Folds flat for easy storage



trade level ★★

ITEM NO.	01979
Maximum Chain Bar Length	450mm
Maximum Log Length	1800mm
Maximum Log Diameter	200mm
Maximum Log Weight	120kg
Max. Dimensions Assembled (LxWxH)	1280 x 750 x 90mm
Weight	11.1kg
Packaged Dimensions (LxWxH)	910 x 254 x 86mm
Barcode Number	5012713019793

120KG
CAPACITY

LOG SPLITTERS

key features

Effortlessly split logs safely and accurately with our brand new SIP Log Splitters. Powerful yet compact, SIP Log Splitters are available with 5 Ton and 7 Ton capacities. Both models are complete with large handle and wheels for easy manoeuvrability.

01967 5 Ton Horizontal Log Splitter with Stand

- 230v (13amp) supply • Powerful 2.2kW (3hp) motor • 5 ton splitting force
- Log capacity: 50 to 250mm diameter 520mm maximum length
- Integrated handle and large wheel for extra portability
- Two hand operation for optimum safety
- Hydraulic operated ram
- Cutting wedge automatically returns to starting position after the log is split allows you to match with the log height for optimum efficiency and versatility
- Work stand included

trade level ★★



Stand included - raises the splitter to a workable height when a bench is not available



Search YouTube for:
SipTechZone

3 HP
MOTOR

5 Ton
CAPACITY

13 AMP
SUPPLY



large wheels for easy transport



ITEM NO.	01967
Motor	2.2kW (3hp)
Supply	230v (13amp)
Splitting Force	5 Tons
Log Capacity - Diameter	120 to 320mm
Log Capacity - Length	1040mm
Working Height Settings	-
Net Weight	41kg
Packaged Dimensions (LxWxH)	940 x 270 x 510mm
Barcode Number	5012713019670

trade level ★★

01977 7 Ton Vertical Log Splitter

- 230v (13amp) supply
- Super powerful 3kW (4hp) motor
- 7 ton splitting force
- Log capacity: 120 to 320mm diameter, 1040mm maximum length
- Adjustable working table can be set at 3 heights: 520mm, 780mm and 1040mm
- Integrated handle and large wheel for extra portability
- Two hand operation for optimum safety
- Hydraulic operated ram

- Adjustable cutting wedge return height allows you to match with the log height for optimum efficiency and versatility



No Volt Release (NVR) switch for added safety



Powerful 3kW (4hp) motor



large wheels for easy transport



**4 HP
MOTOR**

**7 Ton
CAPACITY**

**13 AMP
SUPPLY**

**NVR
SWITCH**

ITEM NO.	01977
Motor	3kW (4hp)
Supply	230v (13amp)
Splitting Force	7 Tons
Log Capacity - Diameter	120 to 320mm
Log Capacity - Length	1040mm
Working Height Settings	520 / 780 / 1040mm
Net Weight	115kg
Packaged Dimensions (LxWxH)	930 x 830 x 1470mm
Barcode Number	5012713019779

WOODWORKING CONSUMABLES

Collector Bags:
polythene & cotton

Collector Hose:
100mm diameter



Wheel Kit - 06920



Mounting Rails - 01957



Dust Collector Accessories

Description	Suitable for SIP Collectors*	Item No.	Barcode No.
COLLECTION BAGS			
Collector Bag (Polythene)	01924 • 01952	62565	5012713625658
Collector Bag (Polythene)	01954 • 01956	66371	5012713663712
Filter Bag (Cotton)	01924 • 01952	65913	5012713659135
Filter Bag (Cotton)	01954 • 01956	66376	5012713663767
Filter Bag (Fine Felt)	01954 • 01956	66377	5012713663774
Filter Cartridge	01929	67211	5012713672110
Filter Bag (Paper)	01929	67212	5012713672127

HOSES

2.5 Metre - 100mm diameter	01924 • 01952 • 01954 • 01956	06895	5012713068951
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ADAPTOR

5 Piece Adaptor for Dust Collectors	01929 • 01924 • 01952 • 01954 • 01956	01935	5012713019359
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Wheel Kits

Description	Suitable for	Item No.	Barcode No.
OPTIONAL WHEEL KITS			
Wheel Kit	01332 • 01444 • 01445 • 01446 • 01456	06920	5012713069200

Saw Stand Accessories

Description	Suitable for SIP Saw Stands	Item No.	Barcode No.
MOUNTING RAILS & WORK VICE			
Quick Release Mounting Rails - Pair	01958	01957	5012713019571

*May be suitable for other non-SIP woodworking products, see your manual

All blades and consumables supplied by SIP have been specially selected and rigorously tested to ensure they provide optimum performance when used with SIP equipment.



254mm (10") TCT Blades

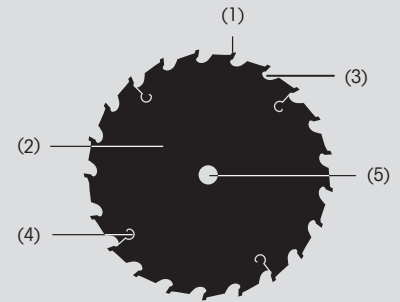


315mm (12") TCT Blades

TUNGSTEN CARBIDE TIPPED (TCT) BLADES

There are numerous variations of TCT Blades but they all have five common features. Each having its own effect on the overall suitability performance of the blade to the task in hand.

- (1) **Saw Teeth:** Profile, alternation, hook and clearance angles, all determine the type of cut achieved.
- (2) **Circular Plate:** The plate thickness and diameter ensure suitability
- (3) **Gullets:** These are the "recesses" between the teeth which help to clear away sawdust and wood chips from the cut.
- (4) **Expansion Slots:** These may or may not be featured. The purpose of these cuts is to allow some expansion when the blade heats up during cutting. This prevents any distortion to the cut itself, but more importantly protects the saw blade from warping, rendering it unusable.
- (5) **Arbor Hole:** This must be correct to allow precise fitting of blade to the table saw arbor.



TCT BLADE TYPES

TCT Blades fall into three categories each designed for certain styles of cut.

RIP BLADES: Rip blades have a large hook angle (usually 20° to 25°). The bigger hook ensuring an easier cut with the grain. This enables the blade to remove wood with each pass. In comparison to others rip blades tend to have fewer teeth with larger gullets to help with a cleaner cut.

CROSS CUT BLADES: Cross cut blades or Cut-Off blades as they are also known have a smaller hook angle (typically 5° to 10°). As it is a lot harder to cut across the grain this blade has a less wood removal with each pass. This in turn allows the gullets to be a lot smaller in size therefore leaving room for a greater number of teeth.

GENERAL PURPOSE BLADES: As the name suggests these are merely a combination of the above two blades. The design is more of a compromise between the two allowing the blade to adequately perform both rip cuts, and cross cuts.

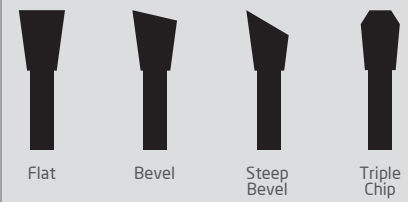
CIRCULAR SAW TEETH

Are ground and sharpened at a specific angle (called the hook angle).

The teeth are arranged in such a way that cut or kerf will be wider than the main thickness (the plate) of the blade. This effectively prevents the plate from rubbing in the cut.

On carbide-tipped blades however, the saw teeth are ground slightly wider than the plate and then brazed into position. This again gives the necessary clearance to avoid rubbing.

The cutting edge of each tooth is ground to a specific profile, this determines the cutting action. There are four common profiles - Flat, Bevel, Steep Bevel or Triple-Chip.



TCT Circular Saw Blades

Description	Cut Type	Suitable for SIP Saws*	Item No.	Barcode No.
10" (250-254MM) BLADES				
254mm x 16mm TCT Blade - 40 Teeth	General Purpose	01314 • 01324	07773	5012713077731
254mm x 30mm TCT Blade - 40 Teeth	General Purpose	01511	06123	5012713061235
254mm x 30mm TCT Blade - 40 Teeth	General Purpose	01574 • 01918 • 01930	06128	5012713061280
254mm x 25.4mm TCT Blade - 40 Teeth	General Purpose	01332	06184	5012713061846
12" (305-315MM) BLADES				
305mm x 30mm TCT Blade - 40 Teeth	General Purpose	01504	06122	5012713061228
315mm x 30mm TCT Blade - 30 Teeth	Ripping	01541 • 01446	06156	5012713061563
315mm x 30mm TCT Blade - 40 Teeth (20°)	General Purpose	01541 • 01446	06158	5012713061587
315mm x 30mm TCT Trim Blade - 60 Teeth (10°)	Fine	01541 • 01446	06160	5012713061600

*May be suitable for other non-SIP woodworking products, see your manual



BANDSAW BLADES

These blades have precision engineered teeth which are milled, set and hardened into a flexible backing strip ensuring long cutting life on wood, plastics and non-ferrous metals.

Two important parameters are blade width and tooth pitch (TPI).

WIDTH: Always use the widest blade possible - it is stronger and will withstand greater feed pressure. For cut-off sawing this will be the widest blade the machine will allow. For contour cutting please refer to the chart below:

MINIMUM RADIUS	BLADE WIDTH
2½"	½"
1⅛"	⅜"
¾"	¼"
½"	⅜"
⅜"	⅛"

TPI: The tooth pitch is determined by the material being cut and its thickness.

For wood and plastic a minimum of 3 teeth should be in the cut, e.g. for wood ½" thick, use a 6TPI blade.

For metal between 4 and 20 teeth should be in the cut depending on the material.

In general use for soft or thick materials use coarse teeth (e.g. 3, 4 or 6TPI).

For hard materials and thin sections use fine teeth (e.g. 10, 14 or 24TPI).

When selecting TPI remember:

- More TPI give a smoother but slower cut
- Fewer TPI allow a faster cut but with a slightly rougher finish
- At least three teeth should be in the work piece

COARSE (SKIP-TOOTH): 3 or 4TPI, 95% of woodworking TPI's are skip teeth, they have a full, round bottomed, deep gullet to allow for maximum clearance of material and prevent stress cracking of the blade

REGULAR TOOTH: 6 or 8TPI, are used for cutting thin sections or hard woods, achieving a smoother finish, or for cutting plastics and non-ferrous metals.

FINE TOOTH: 10TPI, are used for cutting thin sections or hard woods, achieving an extremely smooth finish, or for cutting plastics and non-ferrous metals.



Coarse (Skip-Tooth)



Regular & Fine Tooth

Bandsaw Blades

Description	Cut Type	Suitable for SIP Saws*	Item No.	Barcode No.
10" (254MM) BANDSAW BLADES				
1820mm x 6mm 6TPI Blade	Regular	01545	09401	5012713094011
1820mm x 12mm 6TPI Blade	Regular	01545	09405	5012713094059
1820mm x 15mm 3TPI Blade	Coarse	01545	09407	5012713094073
1820mm x 13mm 4TPI Blade	Coarse	01545	09409	5012713094097
1820mm x 10mm 10TPI Blade	Fine	01545	09411	5012713094110
1790mm x 6mm 6TPI Blade	Regular	01484	01401	5012713014019
1790mm x 10mm 6TPI Blade	Regular	01484	01402	5012713014026
1790mm x 10mm 10TPI Blade	Fine	01484	01404	5012713014040
12" (305MM) BANDSAW BLADES				
2240mm x 6mm 6TPI Blade	Regular	01486	01406	5012713014064
2240mm x 20mm 4TPI Blade	Coarse	01486 • 01547	09412	5012713094127
14" (355MM) BANDSAW BLADES				
2560mm x 10mm 6TPI Blade	Regular	01548	09418	5012713094189
2560mm x 13mm 6TPI Blade	Regular	01548	09420	5012713094202
2560mm x 20mm 6TPI Blade	Regular	01548	09424	5012713094240
2490mm x 10mm 6TPI Blade	Regular	01489	01318	5012713013180
2490mm x 19mm 6TPI Blade	Regular	01489	01322	5012713013227
14" (355MM) BANDSAW BLADES - HEAVY DUTY				
2750mm x 6mm x 0.25 6TPI Blade	Regular	01444	06925	5012713069255
2750mm x 12mm 6TPI Blade	Regular	01444	06930	5012713069309
2750mm x 25mm 4TPI Blade	Coarse	01444	06931	5012713069316
16" (405MM) BANDSAW BLADES - HEAVY DUTY				
3345mm x 20mm 6TPI Blade	Regular	01445	09430	5012713094301
3345mm x 25mm 4TPI Blade	Coarse	01445	06933	5012713069330

*May be suitable for other non-SIP woodworking products, see your manual

Scroll Saw Blades

Coarse - 10tpi



Regular - 15tpi



Fine - 20tpi



SCROLL SAW BLADES

PIN-END: Blades are easily inserted and removed from the machine. These blades allow the cutting of a relatively tight radius in hard and soft woods as well as certain fibres and plastics.

PLAIN-ENDS: Blades tend to be narrower, allowing the operator to produce a more intricate cut or pattern. These are also suitable for hard or soft woods, as well as certain fibres and plastics.

REGULAR TOOTH: Which as the name suggests is the most common, tends to be used for both cut-off and contour sawing of most materials.

SKIP TOOTH: These blades, on the other hand, provide a faster cut giving a bigger clearance and a smoother finish.

REVERSE SKIP TOOTH: Blades provide the same, but also ensure a splinter-free, smooth finish on both the top and bottom sides of the cut.



Regular Tooth



Skip Tooth



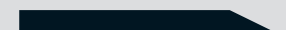
Reverse Skip Tooth

PLANER / THICKNESSER BLADES

DISPOSABLE: These blades tend to be thinner in profile and have two cutting edges. Generally supplied in pairs.



RESHARPENABLE: As the name suggests these are re-usable blades. They tend to be thicker in profile with one cutting edge. As with disposable blades they are generally supplied in pairs, or in some cases in sets of three (e.g. 01418) depending on size and type of cutting block.



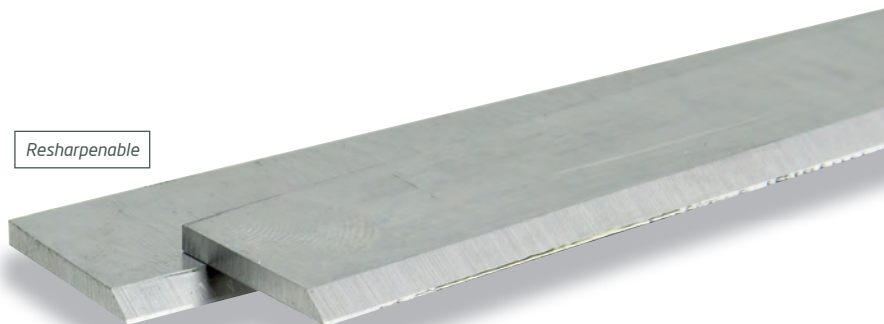
blade is filed back

Planer / Thicknessers Blades

Disposable



Resharpenable



Scrollsaw Blades - Pin End

Description	Cut Type	Suitable for SIP Saws*	Item No.	Barcode No.
Assorted Blades Pack	-	01928	06849	5012713068494

Planer / Thicknesser Blades

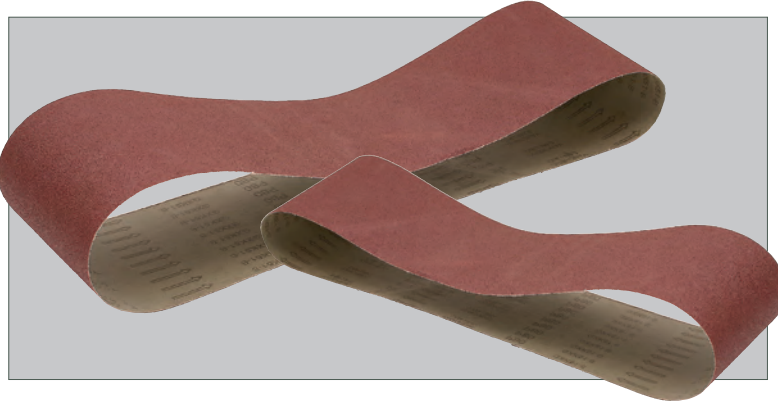
Description	Suitable for SIP Planer/Thicknessers*	Item No.	Barcode No.
2 Piece Double Edged Blades 1mm (disposable)	01344	01338	5012713013388
2 Piece Blades 3mm (resharpenable)	01344	01339	5012713013395
Planing Blade 6" - single (resharpenable)	01543	55968	5012713559688
Planing Blades 10" - pair (resharpenable)	01550	01412	5012713014125
Planing Blades 8" - pair (resharpenable)	01552	01413	5012713014132
Planing Blades - three (resharpenable)	01575	01418	5012713014187

*May be suitable for other non-SIP woodworking products, see your manual



WOODWORKING CONSUMABLES

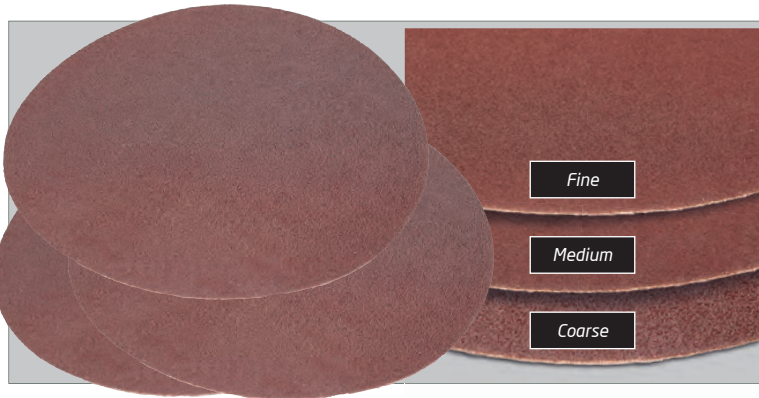
Sanding Belts



Sanding Sleeves



Sanding Discs



Morticing Chisels



Sanding Belts

Description	Cut Type	Suitable for SIP Sander*	Item No.	Barcode No.
4" x 36" BELTS				
120 Grit	Fine	01362 • 01926 • 01946	07740	5012713077403
60 Grit	Coarse	01362 • 01926 • 01946	07744	5012713077441
6" x 48" BELTS				
120 Grit	Fine	01331 • 01943	06270	5012713062706
80 Grit	Medium	01331 • 01943	06868	5012713068685
60 Grit	Coarse	01331 • 01943	06870	5012713068708

Sanding Discs - Self Adhesive

Description	Cut Type	Suitable for SIP Sander*	Item No.	Barcode No.
8" DISCS				
150 Grit	Fine	01926 • 01946	06837	5012713068371
120 Grit	Medium	01926 • 01946	06839	5012713068395
60 Grit	Coarse	01926 • 01946	06841	5012713068418
10" DISCS				
150 Grit	Fine	01331 • 01943	06864	5012713068647
120 Grit	Medium	01331 • 01943	06862	5012713068623
12" DISCS				
80 Grit	Medium	01336 • 01953	06896	5012713068968

Sanding Sleeves

Description	Cut Type	Suitable for SIP Sander*	Item No.	Barcode No.
SANDING SLEEVES - 3 PACK				
3/4" x 90mm - 120 Grit	Fine	01482	06834	5012713068340
3/4" x 90mm - 80 Grit	Medium	01482	06836	5012713068364
3/4" x 90mm - 60 Grit	Coarse	01482	06838	5012713068388
1 1/2" x 90mm - 120 Grit	Fine	01482	06840	5012713068401
2" x 90mm - 80 Grit	Medium	01482	06848	5012713068487
2" x 90mm - 60 Grit	Coarse	01482	06850	5012713068500

Morticing Chisels

Description	Suitable for SIP Morticing Machines*	Item No.	Barcode No.
MORTICING CHISELS			
1/4" Chisel	01942 • 01944 • 01950	06820	5012713068203
3/8" Chisel	01942 • 01944 • 01950	06822	5012713068227
1/2" Chisel	01942 • 01944 • 01950	06824	5012713068241
5/8" Chisel	01944 • 01950	06826	5012713068265
3/4" Chisel	01950	06828	5012713068289
Chisel Set - 3 piece (6, 10, 12mm)	01942 • 01944 • 01950	06827	5012713068272
Chisel Set - 4 piece (6, 10, 12, 16mm)	01944 • 01950	06829	5012713068296

*May be suitable for other non-SIP woodworking products, see your manual