



LION Picture Framing Supplies

Product Guide



1

At LION, we know a lot about products for picture framing

With nearly half a century in the trade, we've built up a product range to help you solve every framing challenge.

But we know that finding what you need when you don't know what we call it or whether it exists can be tricky - so we've created this guide to our range of hardware, tools and equipment. There are suggestions for framing tasks ranging from the everyday to the obscure - hopefully introducing you to a few things you've never stumbled across before.



How to use this guide:

Use the camera on your phone to scan the QR code for each topic - this will take you to a page on our website with links to all the products and videos mentioned. Make sure your phone is in standard photo mode, tap the QR code on screen then tap the yellow link.

Each topic in the guide is numbered.

The screenshot shows a page titled 'LION Product Guide' with a red header containing the number '3' and the text 'I want to... Cut a double mount'. Below the header, there is a paragraph: 'A double mount is a subtle finishing touch that draws the eye into the picture and sets bespoke framing apart.' This is followed by a video thumbnail showing a man working on a mount. Below the video, another paragraph states: 'A double mount will often pick out a colour from the artwork as the undermount, or use a contrast colour e.g. black. It's easy to do with a professional mountcutter - in this video from our partners at Keencut, David Wilkie GCF shows you how.' There are several callout boxes: 'Tip: If you get a pencil mark on a mount, it can be removed with a good quality eraser like our Soft Gum Eraser.' with a link to 'Supplies > Surface Cleaning'; 'Mountboard & Sheet Material > LION Mountboard'; 'Supplies > Tapes & Adhesives > Double Sided Tape'; 'Workshop > Mountcutters'; and a red box at the bottom right that says 'See also: 56 Order mountcutter blades'. At the bottom of the page, there is a QR code labeled 'SCAN ME' and a 'Watch the video' button. The footer contains 'info@lionpic.co.uk', 'lionpic.co.uk', and the page number '9'.

This symbol tells you the images are taken from one of our 'How To' videos - scan the QR code or find it at [youtube.com/LIONPFSLtd](https://www.youtube.com/LIONPFSLtd)

You can also use these 'crumbtrails' to help you find the products shown on our website - they tell you what category and sub-category to click. Also handy if you want to find other similar products.

These boxes point you to other related topics.

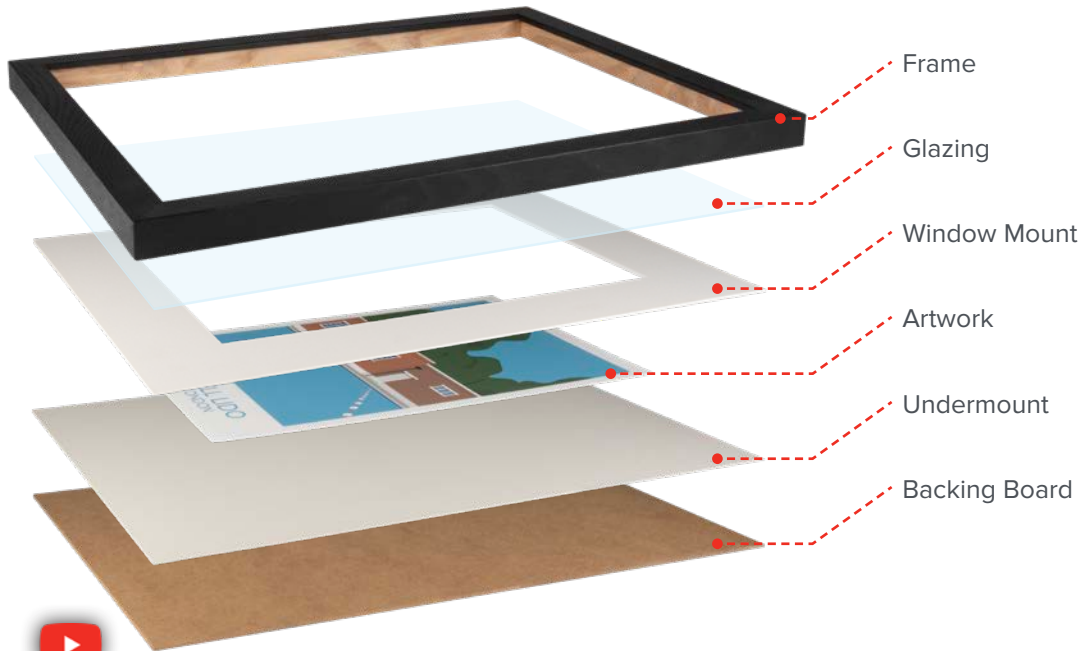
P.S. Every framer has their own take on their craft so you might not agree with all our suggestions. We'd be delighted to hear your thoughts and suggestions for a future edition.

2

I want to...

Understand the anatomy of a picture frame

Regular Frame



See also: **14** Mitre Cut Moulding

See also: **15** Join a Frame

See also: **20** Fix the Back Into the Frame





Tray Frame for Canvas



See also: **50**
Stretch a Canvas

See also: **51**
Frame a Canvas

Deep Rebate Frame with Spacer for an Object



See also: **21** Make a Frame Deeper

See also: **49** Frame an Object

Mounting

In this section:

I want to...

- 3** Cut a double mount
- 4** Choose the right mountboard
- 5** Hinge artwork into a mount
- 6** Dry mount artwork
- 7** Decorate a mount
- 8** Make an extra deep bevel mount
- 9** Float mount a print
- 10** Choose the right double sided tape
- 11** Mount textile art
- 12** Frame to conservation standards

3

I want to...

Cut a double mount

A double mount is a subtle finishing touch that draws the eye into the picture and sets bespoke framing apart.



A double mount will often pick out a colour from the artwork as the undermount, or use a contrast colour e.g. black.

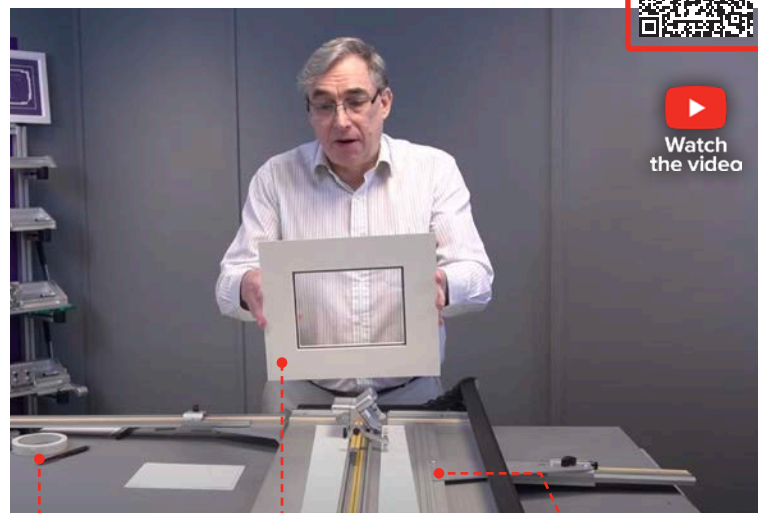
It's easy to do with a professional mountcutter - in this video from our partners at Keencut, David Wilkie GCF shows you how.

Tip:

If you get a pencil mark on a mount, it can be removed with a good quality eraser like our **Soft Gum Eraser**.



Supplies » Surface Cleaning



SCAN ME



Watch
the video



Mountboard & Sheet Material »
LION Mountboard



Workshop » Mountcutters



Supplies » Tapes & Adhesives »
Double Sided Tape

See also: **56** Order
mountcutter blades

4

I want to...

Choose the right mountboard

Mountboard - also known as 'mat board' - is generally made up of a pulp core with facing and backing papers. Facing papers come in a range of colours and textures. It's used to cut window mounts and as a substrate for mounting artwork.

Sheets are mostly 1200 x 815mm and usually packed in 5s or 10s - **but you don't have to buy a full pack.**

You can order any mixture of mountboards, backing boards and acrylic glazing on our **Mixed Sheet Despatch** service, the minimum order is just 10 sheets.



 Mountboard & Sheet Material >
LION Mountboard



Mountboard is available in four quality levels, as defined by The Fine Art Trade Guild. The quality you choose will generally relate to the value of the artwork and the level of protection it needs.



Museum Level 1 Mountboards made from 100% cotton fibre rag which is naturally acid free. Any colouring is pigment and won't easily fade. Free from OBAs. Long term protection for the finest art.



Conservation Level 2 Lignin-free face papers with pigmented colouring. Pure white core and the backing papers are lignin-free. Free from OBAs. Buffered with CaCO₃ to help protect the art. Good for high quality art.



White Core Level 3 Lignin-free face paper, core and backing paper. Bevel starts white and stays white. May contain OBAs. Great for high quality framing of replaceable artwork.



Cream Core & Black Core Level 4 Face papers and core may contain lignin and OBAs. Lignin in the core gives it a cream tint which may darken over time. Cost effective for low value framing.

A short science lesson...

In conservation and white core boards, the lignin in the wood fibres is removed chemically, taking away the acid and importantly the ability to produce acid over time. It's additionally buffered to protect from the 0.065% lignin remaining and to absorb environmental pollution. In cream core boards the wood fibres are beaten which doesn't remove the lignin. They're buffered to pH neutral, but in time the lignin degrades, producing acid, which in turn consumes the alkaline buffer.

Tip:
For more
info visit
fineart.co.uk



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See also: **3** Cut a double mount

See also: **5** Hinge artwork into a mount

5

I want to...

Hinge artwork into a mount

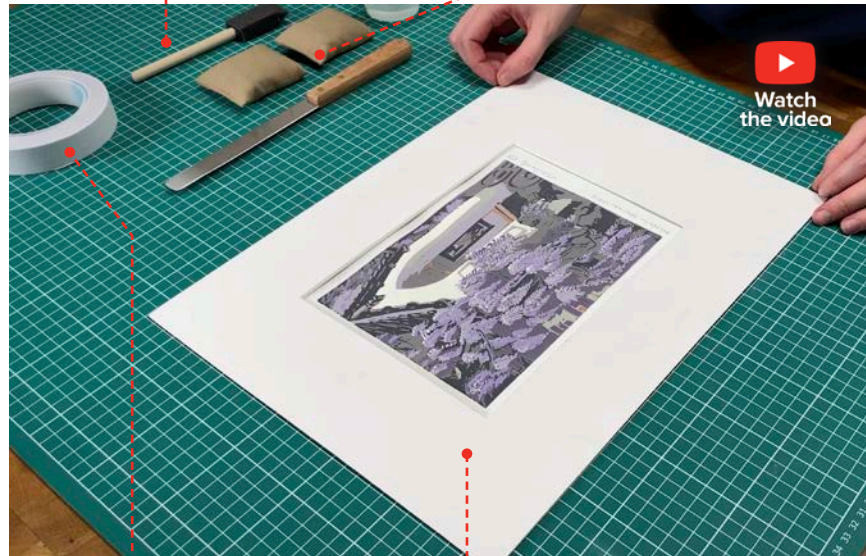
The term for fixing artwork into a mount using minimal adhesive is 'hinging'. The artwork is T-hinged to the undermount at the top only, which prevents 'cockling' by allowing the paper to expand with variations in moisture levels. Using a **Water-Activated Gummed Tape** makes the process reversible, but conservation grade self-adhesive hinging tapes are more convenient and suitable in many applications.

Our video takes you through the steps.



Supplies » Finishing & Decoration »
Preparation & Application

Supplies » Special Techniques »
Restoration & Preservation



Supplies » Tapes & Adhesives »
Hinging Tapes & Archival Products

Mountboard & Sheet Material »
LION Mountboard

SCAN ME



6

I want to...

Dry mount artwork

Dry mounting low value or replaceable art and posters onto **Self-Adhesive Board** is a quick, easy and cost effective way of getting it flat and ready for framing. Watch our video to learn how to avoid air pockets and ripples.

For advice on choosing the right mounting and laminating materials contact our Technical Sales Team techserv@lionpic.co.uk

Workshop » Workshop Tools & Accessories » Small Tools

SCAN ME



Mountboard & Sheet Material » Adhesive Board

Watch the video

Tip:

For higher volume mounting and laminating, use heat-activated adhesive films and boards with a heated roller press.

Supplies » Mounting & Laminating » Hot Mounting



7

I want to...

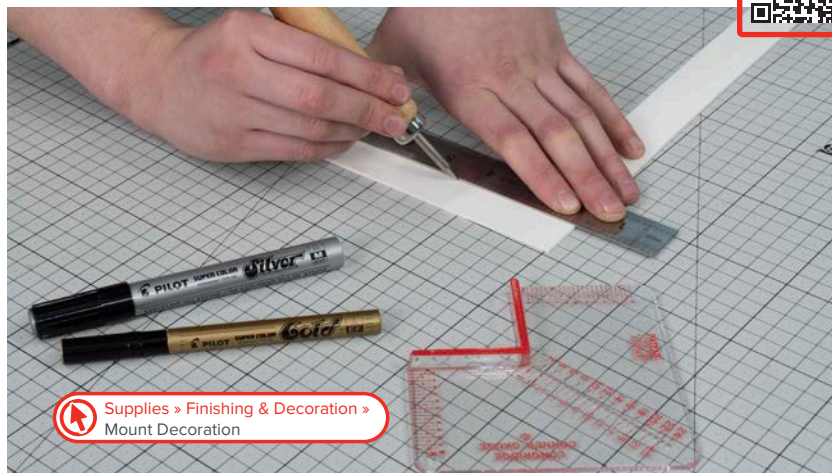
Decorate a mount

SCAN ME

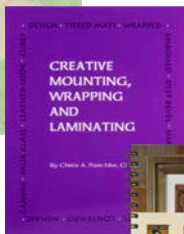


Adding decorative lines to a mount is a traditional technique to draw the eye into the artwork.

A **Corner Marking Gauge** will help you mark out your lines and ensure they meet precisely at the corners.



Supplies » Finishing & Decoration »
Mount Decoration



Workshop » Training Books

Tip:

Put **3M 811 Removable Magic Tape** across the corner when ruling lines to make them meet neatly at the corners and stop the ink pooling. Draw the line slightly over the tape then reposition it to start the next one.

Supplies » Tapes & Adhesives »
Decorative Tapes



8

I want to...

Make a deep bevel mount

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Adding a deep bevel to a mount adds a luxurious gallery style. Cut and join our **Paper Wrapped Slips** and then use double sided tape or PVA glue to bond the slip frame to the mount.

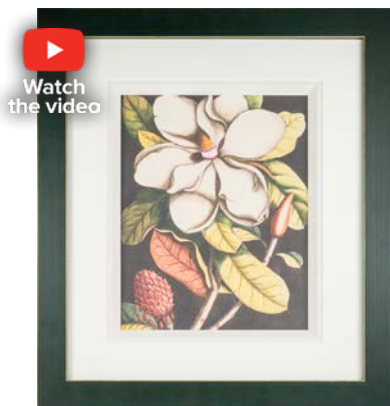
Add strips of foam centre board to fill the back out.

Tip:

Our Paper Wrapped Slips match our most popular LION Mountboards - they're covered with the same papers so it's easy to get a perfect match.



[Mountboard & Sheet Material »](#)
LION Mountboard



 Watch the video



[Picture Frame Moulding » Wood Mouldings/Filter 'Slips & Spacers'](#)



[Supplies » Tapes & Adhesives » Double Sided Tape](#)



[Mountboard & Sheet Material » Foam Board](#)

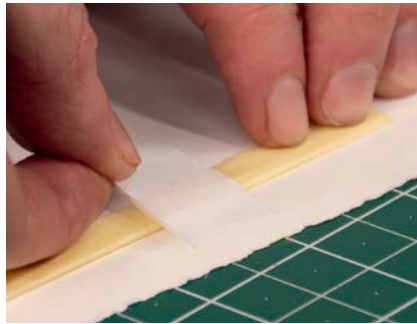
9

I want to...

Float mount a print

Float mounting is a brilliant technique for showcasing art on heavy paper. Roy Rowlands GCF demonstrates his easy method in this video.

For lower value art you can simply mount the artwork onto a piece of self-adhesive foamboard slightly smaller than the print, then stick that onto an undermount.



[Supplies » Finishing & Decoration » Preparation & Application](#)

[Mountboard & Sheet Material » LION Mountboard](#)

[Supplies » Tapes & Adhesives » Hinging Tapes & Archival Products](#)



See also: **21** Make a frame deeper

See also: **22** Create a space between the glass and mount

10

I want to...

Choose the right double sided tape



Finger Lift Tape

Use: Bonding double mounts, mounting low value prints

Benefits: Easy to tear off small pieces and position precisely; peel back release paper partially to allow for repositioning



Supplies » Tapes & Adhesives »
Double Sided Tape

ATG Tape

Use: Bonding double mounts, fixing slips and spacers

Benefits: Dispenser gun for speedy application



Neschen Gudy Acid Free Dot Adhesive Tape

Use: Mounting prints and photos

Benefits: Archival quality, dots can be removed by rubbing



Neschen Gudy 831 Double Sided Paper Tape

Use: Mounting fine art papers and canvas

Benefits: High tack, pH neutral, tearable paper tape



Tapestry Tape

Use: Sticking down lower-value needlework

Benefits: Stays sticky when you reposition



U-GLU Industrial Adhesive Tape

Use: Fixing objects in box frames, tidying up the back of needlepoints

Benefits: Bonds like an adhesive, handles like a tape



High Tack Double Sided Clear Polyester Tape

Use: Bonding polyester and clear film overlays to backing board

Benefits: Very sticky - never use it on artwork



Double Sided Foam Tape

Use: Fixing objects in box frames, making multiple-layer 3D mounts

Benefits: Very sticky, foam conforms to shape of object



Heavy Duty Bonding Tape

Use: Fixing sub frame to non-porous panels e.g. Aluminium, ACP

Benefits: Very high grab, solid adhesive



Slip & Spacer (Fillet) Fixing Tape

Use: Fixing slips and spacers to mounts and frames

Benefits: Very thin, very high tack adhesive

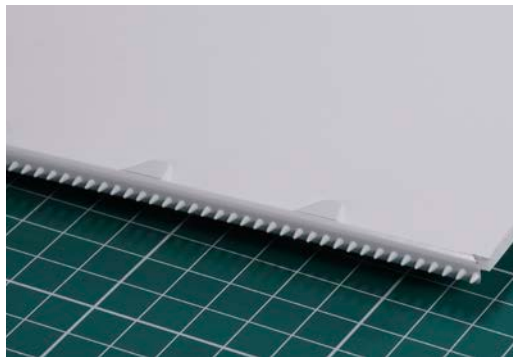
11

I want to...

Mount textile art

Framing textiles such as needlework and sports shirts is an art in itself. Here's just a few products that might make the job easier. Remember to consider conservation techniques if the item should be preserved for future generations.

FabriGrip is a quick alternative to the traditional lacing method for mounting low value needlework on open weave fabrics - watch our video to see how it works.



[Supplies » Special Techniques » Textile Framing](#)

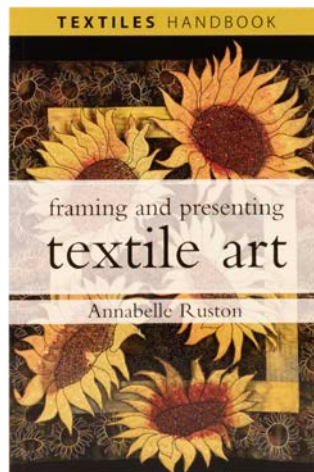
SCAN ME



If using a traditional lacing method, **T-Pins** can be inserted into the edges of foam centre board to temporarily position the artwork.



 [Mountboard & Sheet Material »
Foam Board](#)



 [Workshop » Training Books](#)

Tapestry Tape and **Copydex** can also be used for stretching and mounting lower value textiles.



 [Supplies » Special Techniques »
Textile Framing](#)

See also: **12** Frame to conservation standards

See also: **48** Frame sports shirts

12

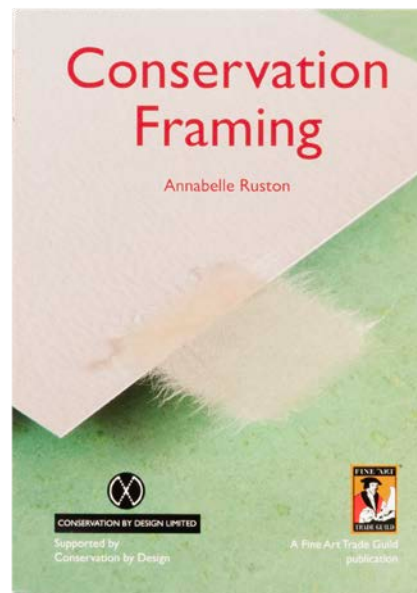
I want to...

Frame to conservation standards

Conservation, preservation and archival are words you'll see applied to quite a few framing products. They're used in framing techniques that are designed to preserve artwork for future generations. To learn more have a look at Fine Art Trade Guild's publications explaining its 'Four Levels of Framing'.



fineart.co.uk



 Workshop » Training Books

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When working to conservation standards, choosing the right **Mounting Tapes and Adhesives** and **Mountboard** is key.



Supplies » Tapes & Adhesives »
Hinging Tapes & Archival Products



Supplies » Tapes & Adhesives »
Mounting Adhesives

Barrier Board can be placed between the artwork and the frame backing board to minimise the risk of acid migration from the backing board to the artwork.

Wearing **Cotton Gloves** helps protect valuable artwork.



Mountboard & Sheet Material

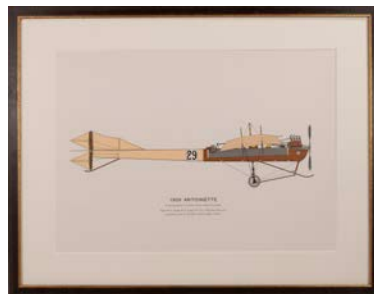
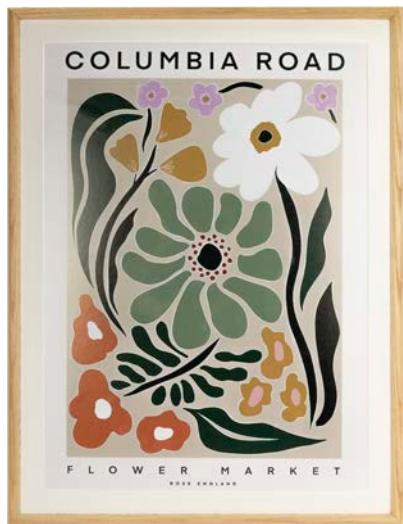


Supplies » PPE

Moth Eye Museum Acrylic: 99.8% UV protection shields valuable artwork from fading and deterioration caused by ultraviolet rays.



Mountboard & Sheet Material »
Plastic Glass



Frame Making

In this section:

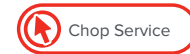
I want to...

- 13** Start using Chop Service
- 14** Mitre cut moulding
- 15** Join a frame
- 16** Add a finish to a bare wood frame
- 17** Make an aluminium frame
- 18** Cut glazing materials & backing board
- 19** Choose the right backing board
- 20** Fix the back into the frame
- 21** Make a frame deeper
- 22** Create a space between the glass and mount
- 23** Strengthen a frame
- 24** Clean glazing materials
- 25** Make a narrow frame
- 26** Apply frame glue precisely
- 27** Select the right V Nail
- 28** Frame a chalk pastel artwork
- 29** Frame an oil or acrylic on board
- 30** Touch up a frame
- 31** Glaze a frame

13

I want to...

Start using Chop Service

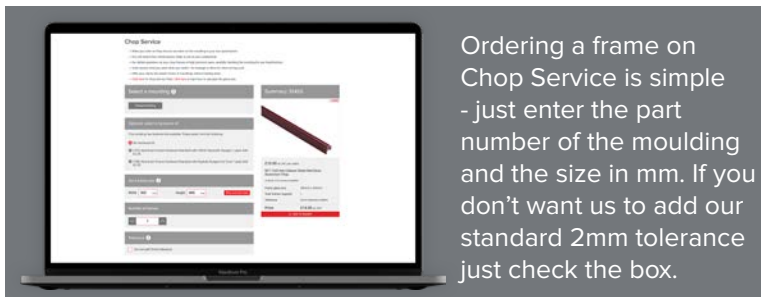


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Ordering moulding on our **Chop Service** means that you give us the measurements of your frames and we cut the mitred pieces for you. All you have to do is join them on your underpinner.

- Your customers can choose from the entire LION range without holding anything in stock. Chop Service orders placed before 12:00 are despatched same day.
- Our Chop Service operators carefully select and check the moulding before cutting it on our state-of-the-art, super accurate, digital double mitre saws - leaving you free to focus on your business and get more done.
- With Chop Service you only pay for what you need, there's no guesswork, no wastage to allow for, and it saves space in your workshop. We recycle any offcuts we can't use so nothing goes to landfill.



Ordering a frame on Chop Service is simple - just enter the part number of the moulding and the size in mm. If you don't want us to add our standard 2mm tolerance just check the box.

14

I want to...


Mitre cut moulding

Morso Mitre Guillotine:

Easy to use, dust free and gives a perfect cut. Watch our video to learn more.

 [Workshop](#) » Mitre Guillotines



 For advice on choosing the best equipment for your workshop, contact our Technical Sales Team techserv@lionpic.co.uk



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Double Mitre Saw:

For higher volume production, cutting hard woods and cutting delicate or embossed profiles our range of mitre saws from Alfamacchine offer outstanding productivity and accuracy while minimising operator fatigue.

 **Alfamacchine®**

See also: **13 Start**
using Chop Service

15

I want to...

Join a frame

Frames are joined by inserting V Nails from underneath with a professional underpinner - watch our video to see how it works. This video shows the **Alfamacchine U200** which is foot operated and ideal for lower volume bespoke work.

[Workshop » Underpinners » Alfamacchine Underpinners](#)



For harder mouldings and busier workshops air operated underpinners like the **U200P**, **U300P** or **U400S** are ideal. For high volume production the memory programmable **U500** or **U600** deliver fast, accurate joining. Watch our videos to learn more.

 **Alfamacchine®**



[Supplies » Consumables » V Nails](#)

 Watch the video

See also: **27** Select the right V Nail

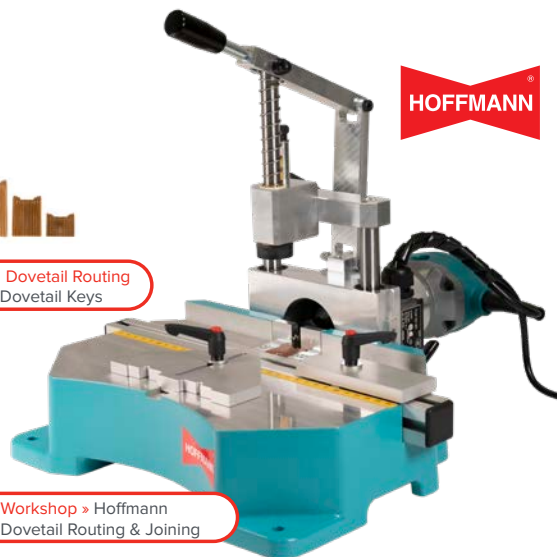
SCAN ME



If you work with a lot of hard bare woods that are difficult to join, try the **Hoffmann Frame Joiner**. Instead of inserting a V Nail which has to displace the timber fibres, it routs a slot for a dovetail key. The key is tapped into place and pulls the corner tightly together. A Hoffmann can replace the laborious process of side-pinning taller profiles. Watch our video to learn more.




 [Workshop » Hoffmann Dovetail Routing & Joining » Hoffmann Dovetail Keys](#)



 [Workshop » Hoffmann Dovetail Routing & Joining](#)




 For advice on choosing the best equipment for your workshop, contact our Technical Sales Team techserv@lionpic.co.uk

16

I want to...

Add a finish to a bare wood frame

Bare woods such as **Oak**, **Ash**, **Black Walnut** and **Cherry** look beautiful finished with a wax or stain to intensify the colour and bring out the grain.

Watch our videos to see how we've finished these frames.



[Supplies](#) » [Finishing & Decoration](#) » [Touch Up](#)



Applying a **Paint, Stain** or **Wax** by hand to a bare wood allows you to create something truly unique for your customer.



One technique is to start by sanding the frame with a fine grade sandpaper, then use a stain or oil to achieve the desired colour. Oil based finishes can give more consistent coverage on timbers with a high resin content, such as **Pine**.

Finish with a wax to seal the wood and give a level of sheen.

Tip:

Join the frame before applying a finish - to get a perfect join put a drop of PVA wood glue into the mitre and rub it in with fine sandpaper - the glue and sawdust mix to close the join almost invisibly.



SCAN ME



[Supplies](#) » Finishing & Decoration

See also: **13** Start using Chop Service

See also: **15** Join a frame

17

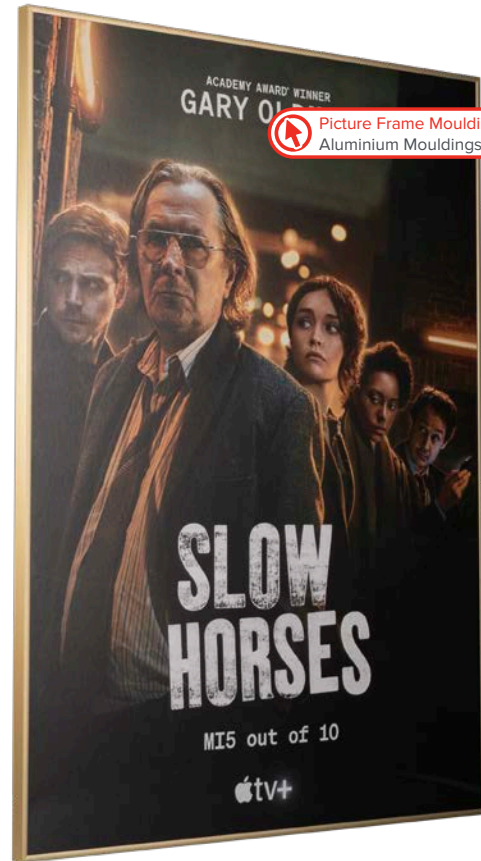
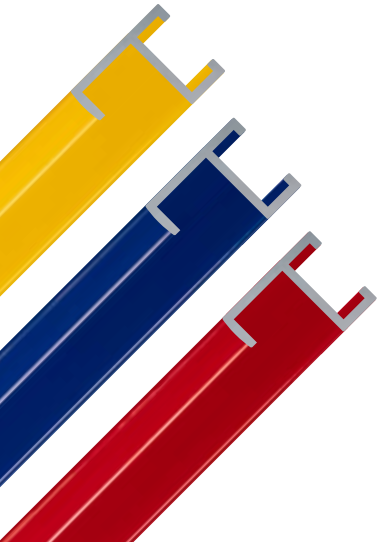
I want to...

Make an aluminium frame

Aluminium Mouldings are slim and strong, making them perfect for framing large posters.

Order aluminium mouldings cut to size on our **Chop Service**.

Aluminium frames are easy to assemble with no equipment other than a screwdriver, but you'll need to cut the glazing and backing board.



[Picture Frame Moulding >](#)
Aluminium Mouldings

SCAN ME

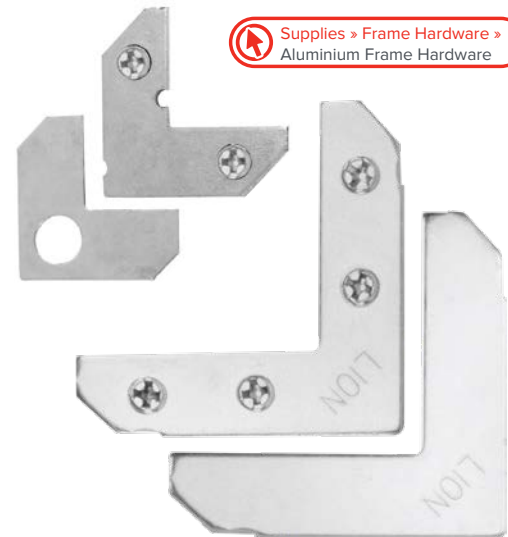


Our video takes you through the process step-by-step.

Choose from **Standard** or **Large Aluminium Frame Hardware** depending on the size of the frame - as a rule of thumb choose large hardware if the frame has at least one side over 1000mm.



Supplies » Frame Hardware »
Aluminium Frame Hardware



See also: **13 Start**
using Chop Service

18

I want to...

Cut glazing materials & backing board

Workshop » Sheet Material
Cutters » Vertical Cutters

The **Inklet Verdi** range of powered vertical saws makes a higher volume framing workshop more productive with fast, accurate cutting of single or multiple sheets up to 22mm thick. Watch our video to find out more.



A panel cutter like the **Keencut Excalibur** is an essential investment for productive bespoke framing. Simply by rotating the head you can switch between cutting/scoring mountboard, glass and plastic glazing, and a second head slices through MDF with ease. Watch our video to learn more.



The **Fletcher 3100** is a great choice if you want to be able mount your panel cutter on the wall, to keep the floor clear. The Fletcher 3100 has a unique breaker feature means you can score and snap acrylic without taking the sheet to the edge of a bench, and gives a clean break on glass every time.



i For advice on choosing the best equipment for your workshop, contact our Technical Sales Team techserv@lionpic.co.uk

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Hand tools including acrylic scoring tools, glass cutters and utility knives can be paired with a good quality straight edge to cut glazing and backing materials for low volume or occasional framing.



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I want to...

Choose the right backing board

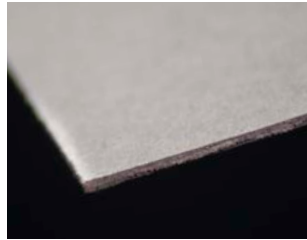


Backing board has a few functions in the frame:

- To add rigidity to the frame.
- To keep dust, insects and other pollutants out when sealed with tape.
- To protect the artwork from damage.



Corri Cor is lightweight, rigid, and easy to cut. It has a corrugated cardboard core and is available in five grades.



Grey Board is a good budget option. Also available with brown kraft liners.



Pulp Board is lightweight, easy to cut and economical, kraft lined versions look more traditional.



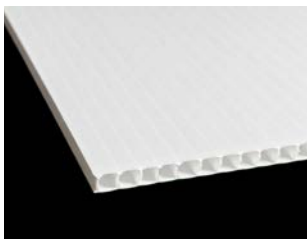
Foam Centre Board is light, rigid and easy to cut and can be a good option when trying to reduce the weight of a frame. Also useful for padding out mounts and when framing objects and textiles.

Tip:

You can order most of our backing boards as part of our **Mixed Sheet Despatch** service along with any mixture of mountboards and acrylic glazing - the minimum order is just 10 sheets.



MDF is smooth on both sides, it's easiest to cut on a panel cutter like the Keencut Excalibur but you can do it with a good quality knife and straight edge. The larger 1220 x 915mm sheet size means it's only available in full packs, not on our Mixed Sheet Despatch service.



Correx Polyprop Board is an extruded twin-wall polypropylene sheet which is acid-free, archival quality & totally moisture proof, making it ideal for damp environments such as bathrooms. Lightweight and easy to cut.

Pair with **Lineco Foil Frame Sealing Tape** - the aluminium backing helps prevent moisture penetration.



Supplies » Tapes & Adhesives

20

I want to...

Fix the back into the frame



Fixing the glazing/art/backing package in place is the final step in assembling a frame.

A manual or pneumatic driver fires points into the rebate of the frame, holding the backing board securely.

A simple **Manual Point Driver** is great for low volume framing. Flexible points allow the back to be removed to change the artwork; rigid points are stronger and preferable for mirrors and frames over 700 x 900mm.

Pneumatic Drivers increase productivity and reduce fatigue in volume framing workshops. The **LION Air Rigid Point Driver** has a 'no pull-back' feature so you can slide and fire points continuously. The angled nose-plate ensures points are driven in almost flat to the backing board.



SCAN ME



Choose the right point:

Flexipoints can be bent up to allow the frame back to be removed - ideal for photo frames but fine for many other applications.



Rigid Points provide a permanent fixing and are a good choice for a frame designed to last for a long time.



MultiPoints have a screw hole and are bendable, so can be used in a variety of ways to stack frames and fix shadow boxes into frames.



For advice on choosing the best equipment for your workshop, contact our Technical Sales Team techserv@lionpic.co.uk



Supplies » Consumables » Points

See also: **32 Seal the back of a frame**

21

I want to...

Make a frame deeper

SCAN ME



You can find our deepest mouldings for framing objects by filtering by 'rebate depth' online - but even then you'll often need to add extra depth.



Supplies » Special Techniques » Object Framing



Picture Frame Moulding » Wood Mouldings/Filter 'Slips & Spacers'

RabbetSpace from FrameTek can be mitre cut with a spacer & slip cutter and screwed to the back of a frame to extend the depth.

Workshop » Workshop Tools & Accessories » Small Tools



Our **Box Extender Profile** adds 110mm to the depth of a frame to accommodate objects and memorabilia and has a rebate at the bottom for fixing the back in place.

Fix to frame using **Multipoints**, or another suitable method. The 15mm face will not be hidden by the frame rebate so a window mount is needed.

22

I want to...

Create a space between the glass and mount

SCAN ME



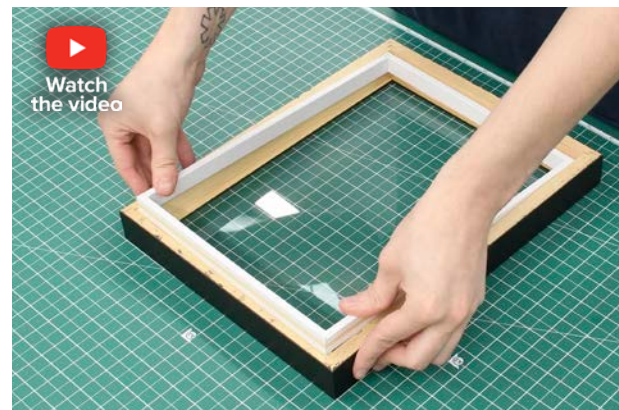
Adding a spacer creates depth between the glass and mount/backing board to accommodate an object or float mounted artwork.



EconoSpace is a quick and simple solution for depths up to 9.5mm, the adhesive bonds to the glazing.



Supplies » Special Techniques »
Object Framing



Wooden Spacers are available to match many of our popular frame finishes, and also in bare wood up to 52mm deep. Watch our video to see how to measure, cut and join.

See also: **8** Make a deep bevel mount

23

I want to...

Strengthen a frame

Larger frames sometimes need a little added strength in the corners if the moulding is relatively narrow. Choose from our range of frame strengthening corners/hangers. Always hang large frames from the sides.



[Supplies » Frame Hardware » Frame Strengthening](#)

SCAN ME



Watch
the video

Another option is to use **Split Batten** to both strengthen the frame and hang it securely. Watch our video to see how.

[Supplies » Frame Hardware » Heavy Duty Picture Hangers](#)



24

I want to...

Clean glazing materials

Getting glass and acrylic glazing materials perfectly clean is a really important part of framing. Everyone has their preferred combination of cleaner and lint-free cloth or wipe.



If you're having a problem with static making particles cling to glazing, try the **Tiger** and **Panther Anti Static Cloths** or **StaticWisk Anti Static Brushes**.



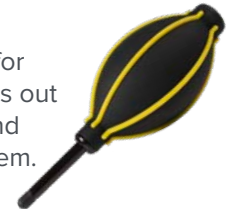
 Supplies » Surface Cleaning

SCAN ME



Vuplex is specially designed for cleaning standard acrylic and reduces static. It's not suitable for laminated acrylic such as Moth Eye Museum Acrylic. Always check the cleaning instructions for the specific acrylic you're using.

Our **Dust Blower** is handy for blowing and sucking specks out of the corners of mounts and frames as you assemble them.



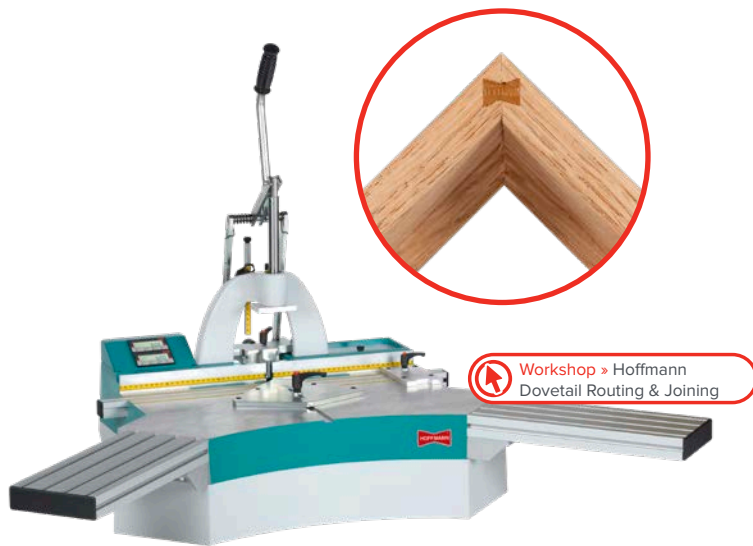
 Workshop » Compressors » Air Line Fittings



Fit the **Adjustable Air Flow Blow Gun** to your compressor and use the nylon brush nozzle attachment to make short work of removing dust and specks.

25 *I want to...* Make a frame with a narrow moulding

Narrow mouldings can be tricky to join, especially when they're also tall or made of harder woods. The **Hoffmann Frame Joiner** routs out a slot to join the frame with a dovetail key, giving neat, tight corners every time.



Aluminium Mouldings - these slim, strong profiles are perfect for making large poster frames with a 'barely there' look.



See also: **15**
Join a frame

See also: **17** Make an
aluminium frame

SCAN ME



We've got a whole selection of **Hangers for Narrow Frames**, with screw holes spaced to spread the weight.

Supplies > Frame Hardware >
Narrow Picture Hangers



See also: **53** Order
new equipment

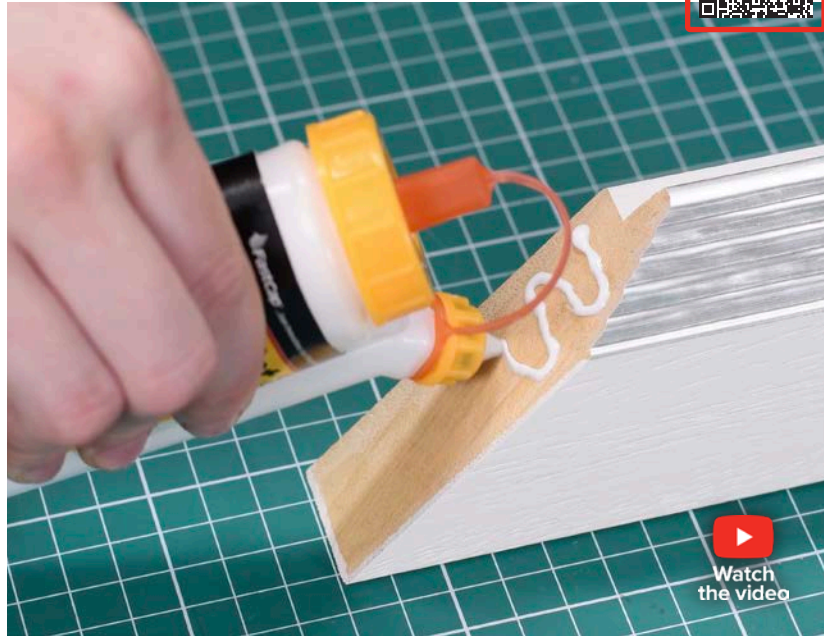
26

I want to...

Apply frame glue precisely

Gluing one face of each corner before inserting V Nails gives long term strength to the join because it is absorbed by the timber.

PVA glue is water based and ideal for joining wood frames but you only need to apply it sparingly. **Mekol Special PVA Wood Glue** has a precise applicator tip making it easy to use, or try the **BabeBot** - this lightweight easy-squeeze, refillable glue bottle features a unique two-chamber design that sucks the glue back when squeeze is released; the glue level remains high at the tip even when the bottle is running low.



[Supplies » Tapes & Adhesives »](#)
[Frame Joining Adhesives](#)

27

I want to...

Select the right V Nail



Find the right V Nail for your underpinner:



Alfamacchine V Nails
Compatibility chart

UNDERPINNER TYPE	POWER TWIST FOR ALFAMACCHINE	POWER TWIST UNIVERSAL
Alfamacchine	✓	✗
A-Plus	✓	✗
Cassese Uni	✗	✓
Inmes	✗	✓

'Normal' V Nails are used for mouldings made from **Ayous** and **Pine**. Choose 'Hard Wood' V Nails for **Oak**, **Walnut**, **Ash** and other dense hard woods. 'Hard Wood' V Nails are ground at a different angle to make insertion into the wood easier and to keep them straight. 'Normal' V Nails have a shallower grind to give more resistance and pull the joint together.

Choose a V Nail size that will leave around 5mm clear from the face of the moulding when inserted. V Nails can be 'stacked' for very tall mouldings - avoid stacking more than two wherever possible.



[Supplies](#) » [Consumables](#) » [V Nails \(Wedges\)](#)



Tip:

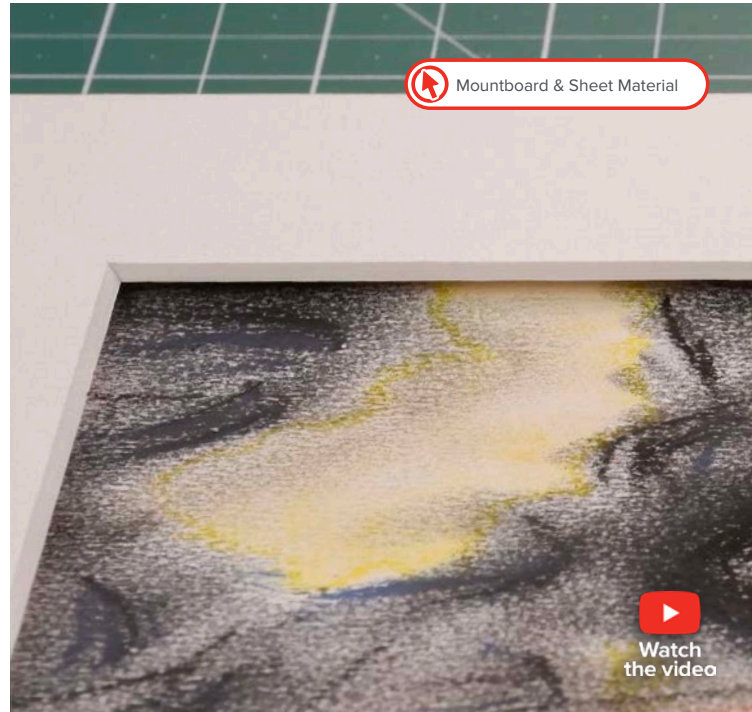
To avoid 'blowout' like this, don't put a V Nail too close to the back edge of the moulding.



28 *I want to...* Frame a chalk pastel artwork

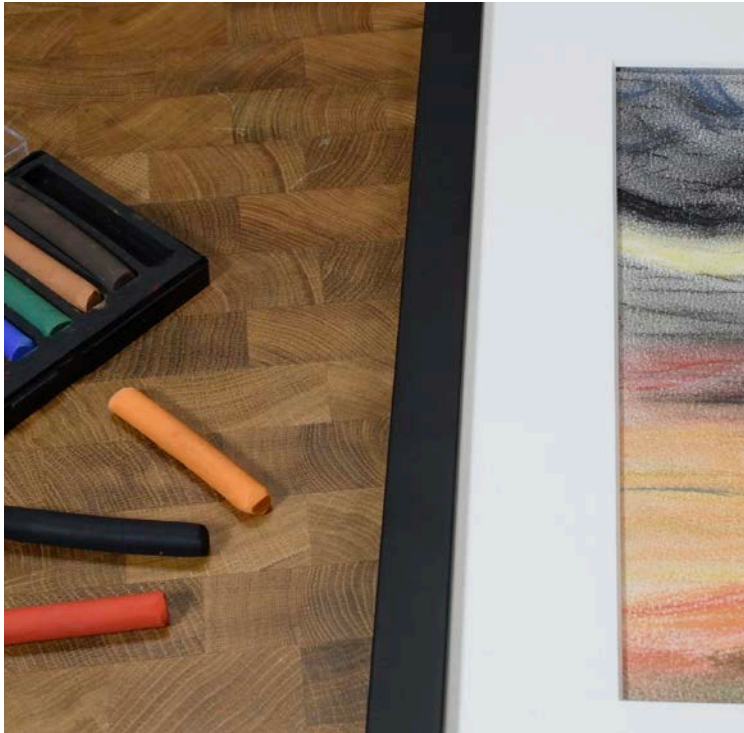
Pastels can be sealed with a spray before framing to minimise the smudging and dust dropping onto the mount - it's wise to get the artist to do this themselves as it can slightly darken the colours in the picture.

For unsealed pastels, make a 'gutter mount' to create a space for the dust to drop into. Watch our video to learn how.



[Supplies](#) » [Special Techniques](#)
» [Restoration & Preservation](#)

SCAN ME



29

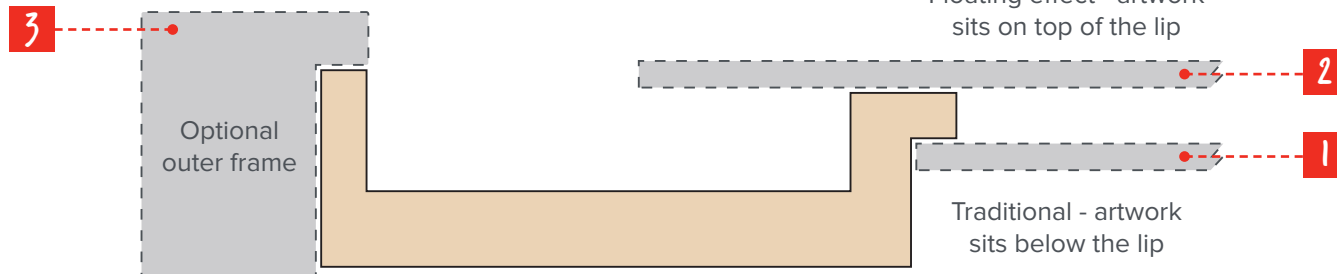
I want to...

Frame an oil or acrylic on board

Our **St Ives Moulding** is a cassetta style profile that can be used alone or stacked to frame art on paper, board and canvas - with the artwork glued to the lip or under the rebate. Watch our video to learn more.



[Picture Frame Moulding](#) » Wood Mouldings/Filter 'Slips & Spacers'



SCAN ME



Three ways to frame with St Ives:



1 Traditional



2 Floating effect



3 Adding an outer frame

30

I want to...

Touch up a frame

Pastes, Paste Pens and **Touch Up Waxes** can be used to fill small gaps in the mitre. Use lighter fluid to remove any excess - check first that it won't take the finish off with it.

Colouring the faces of a mitre with a pen or paint marker before joining means there's no white line across the join.

Touch up creams disguise small imperfections in a finish. Wax fillers can close up small gaps in a mitre.



SCAN ME



Tip:

Take care when touching up frames with pens - any moisture can turn black pen to a purplish colour.

31 *I want to...* Glaze a frame



Acrylic glazing is an increasingly popular alternative to glass - it looks great, is lighter than glass, absorbs UV and won't shatter, so it's safer and easier to ship.

	UV Protection	Light Transmission	Scratch Resistant	Anti Reflection	Application
Styrene 1.1mm	No	90%	No	No	Perfect for low cost framing jobs
Acrylic Standard 2mm	No	92%	No	No	Great for everyday framing
Diffused Acrylic 2mm	No	90%	No	Etched	Etched surface diffuses reflections, ideal for brightly lit areas
Acrylic Archival 99% UV Protection 2mm	99%	92%	No	No	Protects art from UV damage
Moth Eye Museum Acrylic 3mm	99.8%	98.6%	Coated	Coated	Preserves artwork for generations, presents it with exceptional clarity



Moth Eye Museum acrylic

99.8% UV protection shields valuable artwork from fading and deterioration caused by ultraviolet rays.

Tip:

All our acrylic glazing is available on our **Mixed Sheet Despatch**.



Mountboard & Sheet
Material » Plastic Glass

See also: **24** Clean glazing materials



Back of Frame

In this section:

I want to...

- 32** Seal the back of a frame
- 33** Seal the back of a frame for conservation
- 34** Fix hangers to a lighter frame
- 35** Manually fix hangers to backing board
- 36** Automatically fix hangers to backing board
- 37** Choose the right D Ring
- 38** Choose hangers for a flat backed frame or panel
- 39** Finish a frame with picture hanging cord
- 40** Finish a frame with picture hanging wire
- 41** Fix hangers to a heavier frame
- 42** Hang a metal panel
- 43** Frame a metal panel
- 44** Choose the right screw
- 45** Make a frame stand up
- 46** Add bumpers to a frame

Back of Frame

32

I want to...

Seal the back of a frame

Quick to apply, **Self Adhesive Tapes** are the most popular choice for sealing the back of the frame to keep out dust and moisture and give a neat finish.

Supplies » Tapes & Adhesives » Frame Sealing Tape » Self Adhesive Tape



	LION ECO15	LION ECO25	SEKISUI 504NS	tesa 4309	tesa 4341
	Economically priced tape with a fine crepe	Premium kraft paper tape with reliable high grab adhesive	Smooth polyethylene coated tape with excellent opacity	Flexible tape with a heavier crepe. More pliable than tesa 4341	Thick tape, heavier crepe. Excellent opacity & adhesion
Paper Weight	60gsm	75gsm	70gsm	70gsm	84gsm
Crepe	Fine Crepe	Heavy Kraft Paper	Smooth Coated Kraft	Heavier Crepe	Heavier Crepe
Opacity Rating	●○○○	●●○○	●●●●	●●●○	●●●●
Flexibility	8%	3%	8%	12%	12%
Adhesion	2.4	11	3.3	3.5	4.7

33

I want to...

Seal the back of a frame for conservation

Gummed Paper Tapes are preferred for conservation framing as the starch adhesive is water activated. They create a very reliable bond because the adhesive soaks into the tape and the timber.

The **Gummed Tape Wetter** is great for moistening the tape evenly, or use a barely damp sponge. The moistened tape will conform easily to the rebate.



Supplies > Tapes & Adhesives > Frame Sealing Tape > Gummed Tape

When framing for damp environments such as bathrooms, consider **Correx Fluted Polyprop** backing board paired with **Lineco Foil Frame Sealing Tape** - the aluminium backing helps prevent moisture penetration.



Mountboard & Sheet Material > Backing Board

Supplies > Tapes & Adhesives

SCAN ME



See also: **19** Choose the right backing board

34

I want to...

Fix hangers to a lighter frame

SCAN ME



Supplies » Frame Hardware »
Lightweight Picture Hangers

There's loads of options for hanging very lightweight frames. Choice will be based on the price point of the finished frames, whether you want to add cord/wire and if you want a visible decorative hanger.



Sawtooth Insert Hangers fit into holes made with a face drill - ideal for block mounts.



Sawtooth Hangers screw, pin or press into the frame - suitable for a canvas or frame that can be hung on a pin as a picture hook will protrude over the top.



Triangle Hangers are fixed with escutcheon pins or screws, the triangle of the frame is visible over the top of the frame.



Screw Eyes and **Screw Rings** are traditional fixings used with picture cord or wire.



Top Hanging Picture Hangers are ideal for small frames glazed on both sides.



Small D Rings can be paired with wire and cord.

35

I want to...

Manually fix hangers to backing board

SCAN ME



Hangers that fit over the backing board are great for small frames where the customer might want to open the back to change a photo. Only use hangers like these for light frames as they rely on the points holding the back in place.

Clip Over Hangers and **La-Flat Hangers** fit over the edge of the backing board.



Ring & Clip Hangers pass through a hole in the backing board on the same principle as a paper fastener.



Supplies » Screws Pins Tacks Rivets » Rivets, Pins, Tacks



D Rings can be fixed directly to the backing board using either **Bifurcated** or **Two-Part Rivets**. Use a punch to make the hole. **Two-Part Rivets** are used with a **Setting Tool**.

For medium volume production, the **Alfamachine SH200 Manual Press** fixes a variety of hangers thanks to swappable locator discs. With one pull of the handle the starburst fixings on the hanger are set.



Supplies » Frame Hardware » Lightweight Picture Hangers

Workshop » Press Fix

36

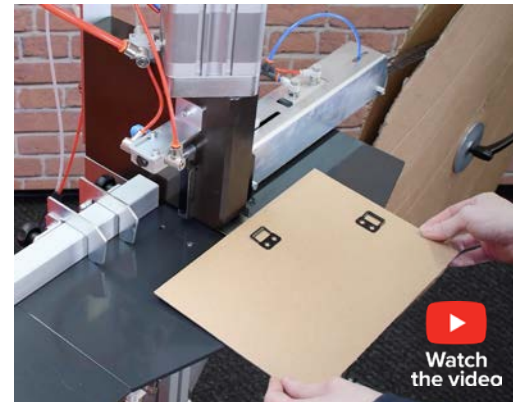
I want to...

Automatically fix hangers to backing board

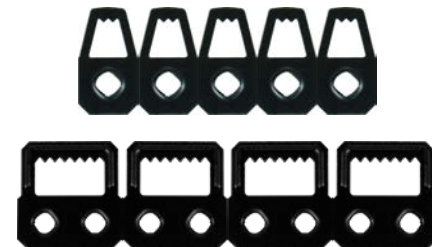
SCAN ME



For higher volume framing Alfamacchine's range of pneumatic **Coil Fed Hanger Fixing Machines** will make production fast and efficient. There's two versions for fixing one hole and two hole hangers. Watch our video to find out more.



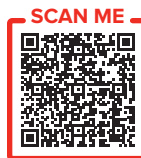
For advice on choosing the best equipment for your workshop, contact our Technical Sales Team techserv@lionpic.co.uk



37

I want to...

Choose the right D Ring



Here's what makes a LION D Ring:

2.6mm thick wire loop, securely closed

Folded tab made from 0.8mm cold rolled steel



Fix with Pan Head or Flange Head screws



Pan head

Flange head

Nickel, zinc, brass and bronze finishes achieved by barrel electroplating



Nickel

Zinc

Brass

Bronze

Choose the two hole version to spread the weight on larger pictures.

See also: 44 Choose the right screw

See also: 39 Finish a frame with picture hanging cord

38

I want to...

Choose hangers for a flat backed frame or panel

SCAN ME



If the backing board is flush with the back of the frame, fit hangers that kink out a little - this makes sure the frame sits nicely on the wall and won't damage it. **Frame Bumpers** are especially useful on flat backed frames.



[Supplies » Frame Hardware » Sawtooth Picture Hangers](#)



[Supplies » Frame Hardware » D Rings](#)



[Supplies » Frame Hardware » Heavy Duty Picture Hangers](#)



For thicker MDF or timber panels/block mounts, try a **Sawtooth Insert Hanger** which fits into a hole made with a face drill.

[Supplies » Frame Hardware » Lightweight Picture Hangers](#)

See also: **42** Hang a metal panel

39

I want to...

Finish a frame with picture hanging cord

SCAN ME



Low Stretch Cord is strong, won't sag and is secure when tied correctly. Our cord is made in the UK by a BS EN ISO9001:2015 quality approved manufacturer and is very, very strong. Choose a gauge to match the weight of your picture.

Watch our video to learn how to tie picture cord securely.

[Supplies » Frame Hardware » Picture Cord](#)



Watch the video



Tip:

Match **Brown Low Stretch Cord** to our bronze finish **D Rings** to give the back of your frame a polished finish.

Tip:

Some framers prefer to angle **D Rings** and allow for a little slack in the cord.



See also: **37** Choose the right D Ring

40

I want to...

Finish a frame with picture hanging wire

SCAN ME



Some framers prefer the look of wire on the back of a picture.



Supplies » Frame Hardware »
Picture Hanging Wire



Brass Wire has a traditional look and feel, but can be a bit fiddly to work with as it can fray.



Soft Stainless Steel Wire - Plastic Coated is easy to twist and tie and kind to your finger tips.



Semi-Stiff Stainless Steel Wire gives a neat finish - it must be used with ferrules as it can't be tied.



Ferrules - slide onto the wire before looping through the hangers; pass back through the ferrule and crimp. Only suitable for lightweight pictures.



Workshop » Workshop Tools &
Accessories » Small Tools

41

I want to...

Fix hangers to a heavier frame

When you make a heavier frame it's important to provide suitable hangers for your client - while reminding them that the fixing into the wall must also be very secure.

Choose from our wide range of **Heavy Duty Picture Hangers** and pair them with a **Heavy Duty Wall Hook**.



[Supplies » Hanging Hardware » D Rings](#)

[Supplies » Frame Hardware » Heavy Duty Picture Hooks](#)

See also: **61** Supply a range of picture hooks

SCAN ME



Split Batten supports the frame as well as providing a strong hanging method - watch our video to find out more.



Watch
the video

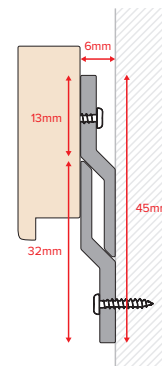
Supplies » Hanging Hardware »
Two Part Hanging Profiles

Keyhole Hangers that slot over a brass wall bezel that is screwed securely to the wall using suitable fixings - choose from a flat or bridge plate.



Supplies » Frame Hardware »
Heavy Duty Picture Hangers

Z Bar Hangers also work in two parts and make it easy to hang pictures level. Can also be used in conjunction with a **T Screw** security fixing.



Supplies » Hanging Hardware »
Two Part Hanging Profiles

42 *I want to...* Hang a metal panel



There's a couple of simple options for getting art and photography on panels ready to hang on a wall:

Aluminium Sub Frame profile is cut and joined to make a frame. This is bonded to the back of a printed panel and hangers are fitted to the frame.

This method gives the panel more rigidity; it is spaced away from the wall and hangs on normal picture hooks.

Watch our videos to find out more.



Panel Hanging Plates are quick, simple and inexpensive. They allow the panel to hang on almost any hook, nail or screw. Watch our video to see how to apply them.



See also: **38** Choose hangers for a flat backed frame or panel

43

I want to...

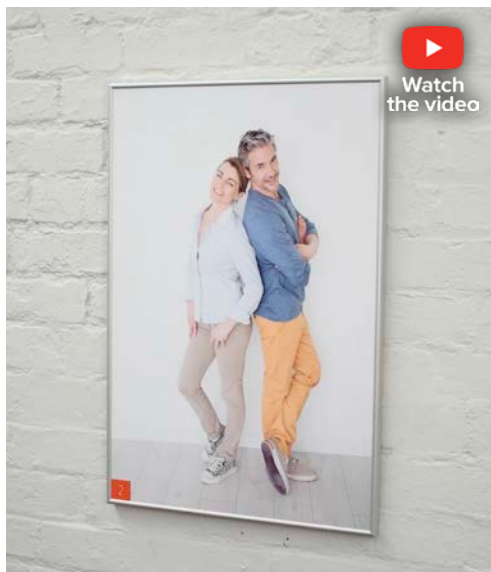
Frame a metal panel



Adding an **Aluminium Frame** to a metal panel such as ChromaLuxe gives it a finished look, perfect for home interiors.

Aluminium frames are easy to assemble with just a screwdriver.

You can order them mitre cut to size on our Chop Service. Watch our video to see how it works.



See also: **13** Start using Chop Service

See also: **17** Make an aluminium frame

44

I want to...

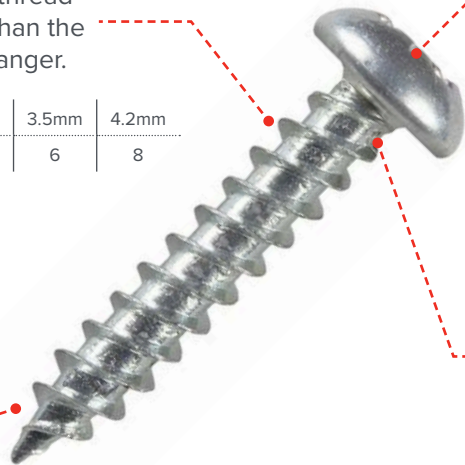
Choose the right screw



Matching a screw to the hanger you're fixing comes down to four things:

The gauge of the screw - this denotes the diameter of the thread - choose one slightly smaller than the diameter of the hole in the hanger.

Diameter	2.0mm	2.2mm	3mm	3.5mm	4.2mm
Gauge	1	2	4	6	8



The type of head - Pozi head are generally easiest to use but make sure you use a Pozi screwdriver to avoid damaging the head.



Pozi head



Slotted head

Length of the thread - choose one that will get a good fixing into the frame without being too long.

Metric	6mm	9.5mm	13mm	16mm	19mm
Imperial	1/4"	3/8"	1/2"	5/8"	3/4"

The shape of head - pan head and flange head work best with most hangers. Countersunk heads suit picture plates and other hardware that have corresponding countersunk holes.



Countersunk



Flange head



Round head



Pan head

SCAN ME



There's a few ways to make screwing hardware into place easier:

A **Needle Point Bradawl** is a quick and easy way to make a pilot hole for a small screw.



A **King Dick Screwdriver** 'designed to fit all types of cross headed screws' saves time picking the right screwdriver each time.



A lightweight **Cordless Drill** with a screwdriver bit speeds up the process and reduces fatigue, especially on harder wood.



[Workshop » Workshop Tools & Accessories » Small Tools](#)

45

I want to...

Make a frame stand up

Customers sometimes want the option to make framed photos or certificates stand on a desk or display shelf.



MDF Frame Stands AKA 'strut backs' take the place of the backing board in the frame and have a hinged leg. They're available in standard photographic sizes.

[Supplies » Frame Hardware » MDF Frame Stands](#)



Metal Photo Frame Stands fit into a socket that clips onto the backing board so they're ideal for bespoke sizes.

[Supplies » Frame Hardware » Frame Stands](#)



Screw in Frame Stands with Insert have a threaded insert that presses into an 8mm hole in the frame. The user screws the stand into the insert for a very neat look.

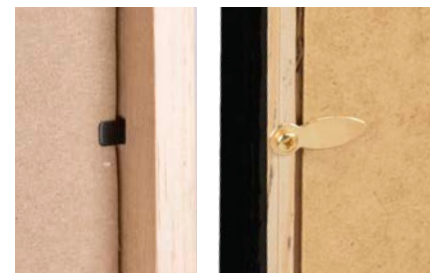
SCAN ME



Screw Fix Frame Stands are quick to fit and easy to bend to get the right angle, great for small photo canvases.



To make two frames stand like an open book, screw or pin **Frame Hinges** in place.



Use **Flexible Points** to hold the back in so the customer can change the image, or for a more polished finish try **Turnbuttons**.



Supplies » Frame Hardware »
Turn Buttons & Frame Clips

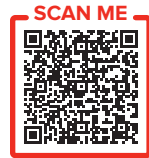
See also: **20** Fix the back into the frame

See also: **35** Manually fix hangers to backing board

46

I want to...

Add bumpers to a frame



Stick bumpers to the bottom corners of a framed picture, mirror or panel.

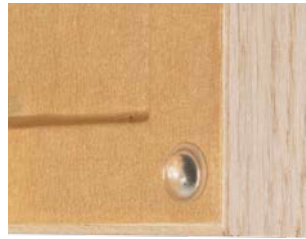
They allow air to flow behind the panel, protect the wall and keep the frame straight. It's also one of those nice finishing touches that differentiates a bespoke frame.



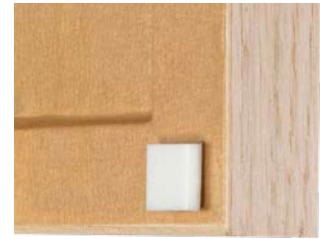
Wool Felt and **Cork bumpers** are sustainable, traditional options.



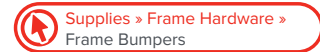
Polyfibre bumpers are available in a wide range of thicknesses.



Soft dome bumpers will slightly grip the wall to minimise picture movement.



White foam bumpers are a great budget option.



Special Techniques

In this section:

I want to...

- 47** Frame sports memorabilia
- 48** Frame sports shirts
- 49** Frame an object

47

I want to...

Frame sports memorabilia

SCAN ME



Sports balls and other memorabilia can be fixed with purpose made acrylic clips. Watch our video to find out how.



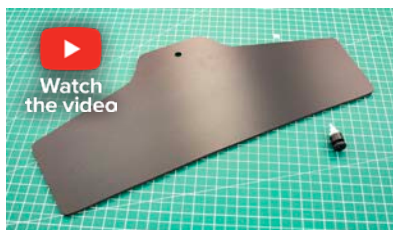
[Supplies » Special Techniques » Object Framing](#)

See also: **21** Make a frame deeper

See also: **22** Create a space between the glass and mount

48 *I want to...* Frame sports shirts

Shirts, flags, caps and other mementos of sporting endeavour look great framed. The challenge is to mount them without damaging them.



LION's unique **Sport Shirt Framing System** makes mounting a sports shirt ready to frame quick and easy.

[Supplies » Special Techniques » Textile Framing](#)



SCAN ME



Tiny plastic **T-tags** can be inserted through the seams of clothing and other inconspicuous areas to anchor into a foam centred support board. Take care with fine or close weave fabrics.



For low value, replaceable items you can use high tack **Tapestry Tape** to hold folded sleeves in place at the back.



Foam Centre Board is lightweight but rigid, making it the ideal support for sports shirts.

See also: **21** Make a frame deeper

See also: **49** Frame an object

49

I want to...

Frame an object

Every framer has their own approach to framing objects - tried and tested techniques combined with a good deal of ingenuity.



Deep rebate mouldings paired with matching spacers create the depth required to accommodate the mounted object.



Miniature Cable Ties can be passed through holes in the undermount and trimmed off closely to securely hold small objects.

Supplies » Special Techniques » Object Framing



Mighty Mounts are high-strength moulded mounts to fix objects in box frames. The mount passes through a hole in the backing board and fixes with a washer.

Picture Frame Moulding » Wood Mouldings/filter Deep Rebate



Line the inside of object frames with **Box Frame Lining Fabric**.



Fix low value or replaceable objects in place with **Silicone Adhesive** or **Hot Melt Glue**.

Connect the elements of a box frame together with hardware such as bendable **Fixing Plates**, **Canvas Offsets** and **Multipoints**.

SCAN ME



 [Workshop » Point Drivers](#)



 [Supplies » Frame Hardware » Canvas Offsets](#)

Tip:

If the object came with a certificate of authenticity, you can put a self adhesive polyprop pocket on the back of the frame to keep it safe.

 [Supplies » Wrapping & Packaging » Packaging Bags](#)

See also: 21 Make a frame deepener

See also: 22 Create a space between the glass and mount



Canvas

In this section:

I want to...

- 50** Stretch a canvas
- 51** Frame a canvas

50

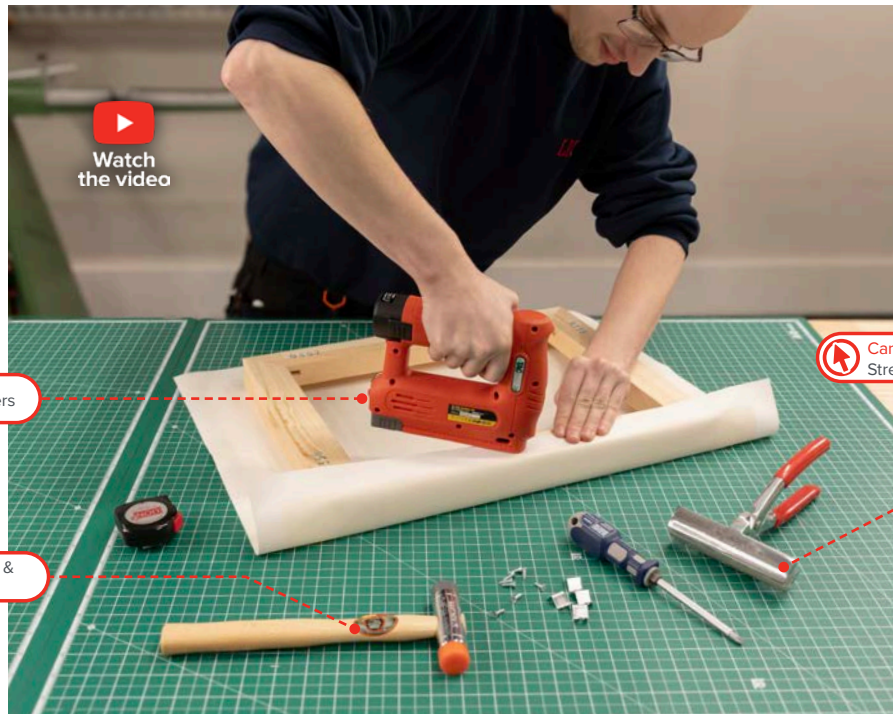
I want to...

Stretch a canvas

SCAN ME



Stretching a canvas is pretty straightforward when you know how - watch our video to learn more.



Watch
the video

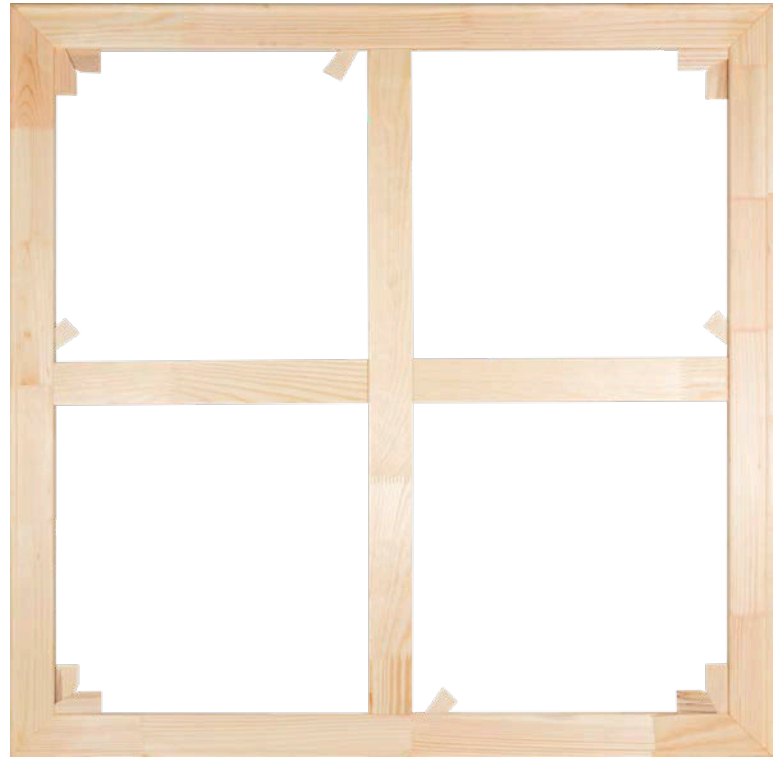
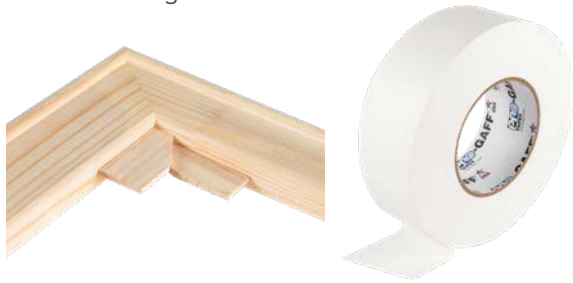
Canvas, Print & Panel » Staplers

Canvas, Print & Panel » Canvas
Stretcher Pliers

Workshop » Workshop Tools &
Accessories

Stretcher Bars are supplied in pairs. They slot together to form a frame - bars over 762mm/30" are slotted to allow you to add a **Brace Bar** which, over 762mm/30", are notched to cross so you can brace both dimensions.

Stretcher Bars are supplied with wedges to tap into the corners - if the canvas starts to sag over time, tapping them in a little further will make it taut again.



Tip:

Printed canvases can be finished with a varnish or texturing gel.



[Canvas, Print & Panel »](#)
[Canvas Finishing](#)



[Canvas, Print & Panel »](#)
[Stretcher Bars for Canvas](#)

 Canvas, Print & Panel » Staplers



LION Air Stapler



CWH1 Hanger

 Canvas, Print & Panel »
Canvas Hardware



Corner Keys



Brace Bar Brackets



You can buy **Stretcher Bar Profiles** in 3m lengths or order them cut to size on Chop Service, to join on your underpinner.

Tip:

We all make mistakes - a Staple Remover is a very handy tool when stretching canvases.

 Workshop » Staplers



51

I want to...

Frame a canvas

Adding a frame can transform a stretched canvas, giving it a more finished look. L Style mouldings form a 'tray' frame, the canvas is held in place at the back with **Canvas Offsets**. Watch our video to see how its done.



SCAN ME

**Tip:**

When ordering an L Style moulding on our **Chop Service**, measure the canvas then add 2 x the shadow gap you want to leave to each measurement. The shadow gap between the canvas and the frame is normally 5-10mm. E.g:

$$200\text{mm} + (10\text{mm} \times 2) = \mathbf{220\text{mm}}$$

$$300\text{mm} + (10\text{mm} \times 2) = \mathbf{320\text{mm}}$$



[Canvas, Print & Panel »](#)
[Canvas Hardware](#)

See also: **13 Start**
 using Chop Service



Equipment & Retail

In this section:

I want to...

- 52** Kit out my workbench
- 53** Order new equipment
- 54** Maintain my Morso mitre guillotine
- 55** Realign my underpinner
- 56** Order mountcutter blades
- 57** Stay clean and safe in my workshop
- 58** Pack frames for my customers
- 59** Organise my workshop and displays
- 60** Display pictures in my shop or gallery
- 61** Supply a range of picture hooks
- 62** Supply a range of security fittings

Equipment &
Retail

52

I want to...

Kit out my workbench

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Having the right tools to hand makes framing faster and easier. We've put together a selection to get you started.

Utility Knife



 [Workshop » Workshop Tools & Accessories » Knives, Scalpels & Blades](#)

Acrylic Scoring Tool



 [Workshop » Workshop Tools & Accessories » Glass Cutters](#)

Hand Glass Cutter



Glass and Plastic Pliers



Babe Bot Glue Pot



 [Supplies » Tapes & Adhesives » Frame Joining Adhesives](#)

Tape Measure



 [Workshop » Workshop Tools & Accessories » Measuring Tools](#)

Keencut Safety Edge



Needlepoint Bradawl



Screwdriver



 [Workshop » Workshop Tools & Accessories » Small Tools](#)

Dust Blower



Drill with Screwdriver Bits



53

I want to...

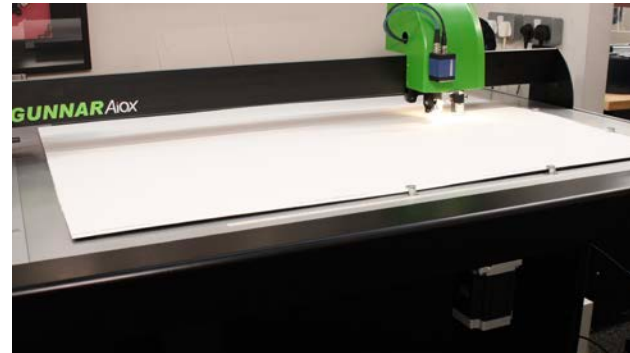
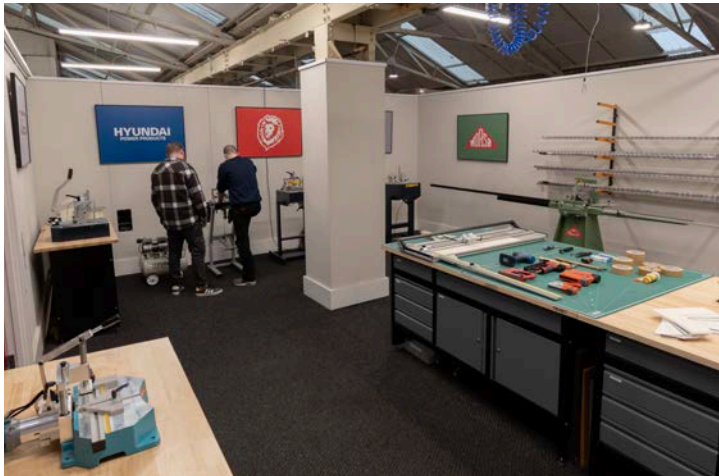
Order new equipment



If you're looking for new or replacement equipment, arrange a visit to our **Showroom** where you can see our full range of underpinners, Morso mitre guillotines, mountcutters, saws and panel cutters in use. Contact our Technical Sales team at techserv@lionpic.co.uk for expert advice.

We can advise you on how to increase your production capacity, make it easier to get the best quality and reduce your labour overheads by upgrading equipment.

Payment over three instalments is available on most equipment purchases - interest free.



We also host a demonstration **Gunnar Computerised Mountcutter** - contact Sarah Osborne on **07976 378704**.

54

I want to...

Maintain my Morso Mitre Guillotine

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To ensure you always get a great cut quality, it's important to regularly swap the blades on your **Morso** for a freshly sharpened set. Watch our video to learn how.

We recommend applying a dry lubricating spray to your **Morso's** pedal and blade mechanisms every four weeks. Watch our video to see all the points to target.



Workshop » Mitre Guillotines »
Morso Replacement Blades



Workshop » Mitre Guillotines »
Morso Accessories

Tip:

To get your Morso blades sharpened try Saw & Tooling Services on **0131 448 0207** or info@sawandtooling.co.uk

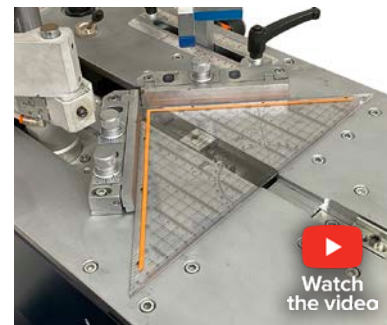
55

I want to...

Realign my underpinner

Over time, your underpinner can become misaligned so you don't get the best join. Watch our video to learn how simple it is to correct.

We have an extensive range of spare parts for Alfamacchine, Morso, Keencut, Fletcher Terry and Inglet. If you can't find what you need on our website, just contact our Technical Services department techserv@lionpic.co.uk



[Workshop](#) » [Workshop Tools & Accessories](#) » [Small Tools](#)

56

I want to...

Order mountcutter blades



It's important to choose the right mountcutter blade for the type of mountboard you're cutting.

Make	Cream Core/White Core < 2.6mm	Cream Core/White Core > 2.6mm	Conservation/ Museum < 2.6mm	Conservation/ Museum > 2.6mm
Keencut	Tech-D.012 2493	Tech-D.015 3008	Tech-S.012 3845	Tech-S.015 6162
Fletcher	Super Keen-D.012 2743	Super Keen-D.015 2744	Super Keen-S.015 2745	Super Keen-S.015 2745
Logan Edge (650, 655, 660)	269-D 3420	268-S 7128	268-S 7128	268-S 7128
Logan (301, 350, 450, 550, 750, 760)	270-D 1227, 5065, 798	271-S 7710	271-S 7710	271-S 7710



Tip:

If you're experiencing 'hooking' at the start of the cut, you may be using the wrong blade. Watch this video from Keencut to learn more about choosing the right blade for your Keencut Ultimat Futura.



See also: **3** Cut a double mount

57

I want to...

Stay clean and safe in my workshop

Make sure you stay safe and keep clean in your workshop.



Gloves - for handling glass safely, keeping stains and solvents off your hands and limiting fingerprints on mountboard and glass.



Apron - protects your clothes and looks professional.



Eye protection - is important particularly if using powered equipment.

58

I want to...

Pack frames for my customers

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[Supplies » Wrapping & Packaging](#)

If the customer is just popping the frame in their car, putting **Handy Wrap** on the edges might do the job. If packaging frames together, always place them face to face and back to back to avoid scratches.

For more protection add **Corner Protectors** or **Foam Edge Protectors** as well as a layer of bubble wrap.

**Tip:**

If you're regularly shipping frames, use acrylic instead of glass - it looks great, is lighter than glass, absorbs UV and won't shatter.

Tip:

Recycle the packaging that protects your LION deliveries by using it to wrap work for your customers.

See also: **31**
Glaze a frame

59

I want to...

Organise my workshop and displays



Store mountboard in our **Ultimo II Mountboard Storage Cart** - build it into your workbench so that you can keep full sheets of mountboard neat and organised.

[Workshop » Workshop Tools & Accessories » Storage](#)



Store full lengths of moulding on our **Moulding Storage Rack**. If your workshop is becoming overrun with moulding offcuts, consider trying our Chop Service - order exactly what you need with no offcuts to deal with.



Our large cutting mats make a great surface for your workbench.

[Workshop » Workshop Tools & Accessories » Cutting Mats](#)

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Moulding Chevron Display Strips are fixed to the wall anywhere you want to display some moulding chevrons - quick and easy to do.

[Workshop » Workshop Tools & Accessories » Display](#)



The **LION Mountboard Display Stand** allows you to easily display and select mountboard chevrons. You can choose to make it branded or unbranded.

Tip:
Chevrons of LION mouldings can be supplied free of charge, just get in touch.

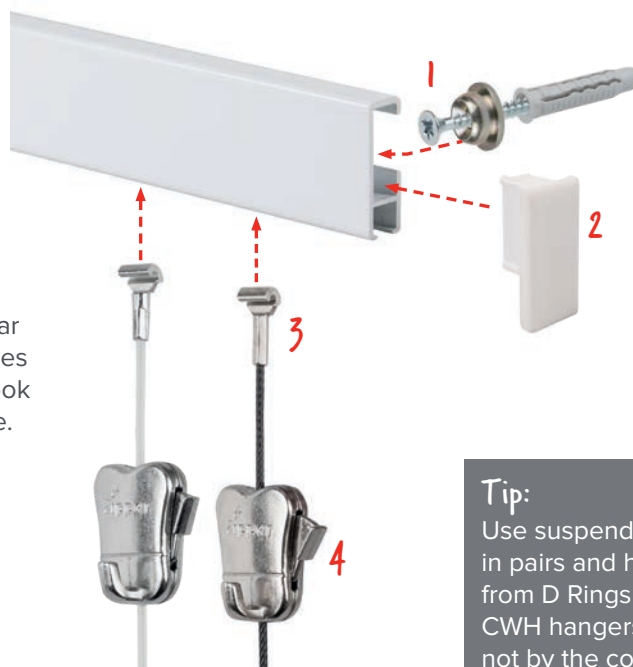


60

*I want to...***Display pictures in my shop or gallery**

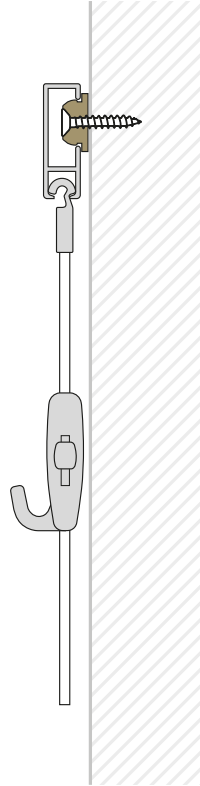
Installing a **STAS Picture Hanging System** will give you complete flexibility to change your displays without damaging your walls. A picture hanging system has four key components:


- 1 Fixing button to attach rail to the wall. These are usually fitted at 300mm intervals using a fixing to suit the wall type. The rail snaps onto the fixing button. Rails can be cut to length.
- 2 Use end caps and joiners to make it neat. You can also paint the rail to match the room scheme. See products online for installation video guides.
- 3 Suspender slots into the rail. Choose from discreet clear Perlon or tough, eye-catching steel cable. Use two cables for larger pictures. If you sell a picture it's easy to unhook the suspenders and move others along to fill the space. Start by ordering around two suspenders per metre of rail, plus a few extra.
- 4 Hook slides onto the suspender and locks in place. There's a choice of hooks for larger and smaller pictures. Start by ordering two hooks per suspender, plus a few extra.

**Tip:**

Use suspenders in pairs and hang from D Rings or CWH hangers, not by the cord.

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 [Supplies » Picture Hanging Systems](#)



**Positioning Tool for STAS
Cobra Suspenders**

See also: **37** Choose
the right D Ring

61

I want to...

Supply a range of picture hooks

Offering a range of high quality **Picture Hooks** can be a good way of getting new customers into your shop; supplying a courtesy pack of hooks with each frame is an inexpensive way to highlight the personal service you give.

Differentiate your range by stocking hooks for different types of wall and sizes of picture. You may also want to offer a choice of traditional brass and contemporary nickel finishes.

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Supplies » Hanging
Hardware » Picture Hooks



Quality Picture Hooks



Heavy Duty Picture Hooks & Safety Clip



Heavy Duty Picture Hooks Easy Level



Hard Wall Picture Hooks



Plasterboard Picture Hooks

Tip:

Buy hooks in bulk to make up your own courtesy packs or order them pre-packed.



Supplies » Wrapping & Packaging » Packaging Bags



62 I want to...

Supply a range of security fittings



Security fittings allow frames and mirrors to be hung safely and securely, but are completely discreet and don't protrude from the side of the frame.

SpringLOCK locks onto almost any screw in the wall, so it works with most wall materials, including plasterboard. The bridge screws to the frame and then locates over a screw head standing 3mm proud from the wall. The lock is pushed home with thumb pressure but can only be removed with the special release tool.



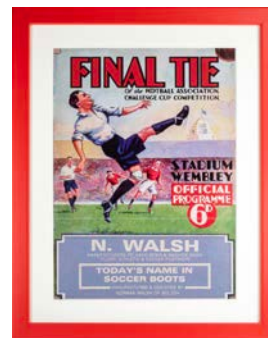
T-Screws screw into a plug in the wall. When turned with a special spanner the T-head engages with a slotted plate on the back of the frame to lock the frame in place. T-Screws will also lock into the channel on the back of aluminium mouldings.



Components for both systems are available in individual frame kits and in bulk.

[Supplies » Hanging Hardware » Security Picture Hangers](#)

See also: **41** Fix hangers to a heavier frame



Standards & Training

In this section:

I want to...

- 63** Learn to frame
- 64** Hear some more tips
- 65** Connect with other framers

63 *I want to...* Learn to frame

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If you want to start framing for profit, **high quality training** is an excellent investment. Visit our website for a list of recommended training providers.

Once you have some experience as a framer you might want to consider working towards the Guild Certified Framer (GCF) - Fine Art Trade Guild's professional qualification for framers. The Guild Certified Framer Study Guide will guide you through what is required to gain the GCF qualification.

If you want to learn to frame your own artwork or photography, there's a number of online training courses where you can learn the essential techniques. Visit our website to find out more.

[About Us](#) > [New to Framing](#)



Image courtesy of
Paul Web GCG (APF)
artworkcreations.co.uk



[Workshop](#) > [Training Books](#)

64

I want to...

Hear some more tips

Always store/use self adhesive tapes and boards at room temperature. If they get too cold they'll be less sticky. Glass is also harder to cut when it's cold.

Sounds a bit disgusting but if you get a drop of blood on a mount, a little of your own saliva should make it disappear.

A small dent in a bare wood or open grain moulding can be lifted by placing a damp cloth over it and leaving for a few hours.

Lighter Fluid is handy for all kinds of cleaning tasks, especially getting any sticky residue off glass.

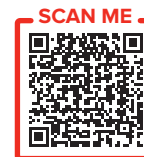
Assembling frames face up can make it easier to spot dust or flecks behind the glazing.

Spraying water on the back of a stretched canvas can make it extra taut.

It's annoying when a freshly cleaned piece of glazing attracts more dust and specks when it's dropped into the frame. To avoid this, put the glazing into the frame before cleaning, then hold the frame vertical while you clean it. This way any 'bits' will drop down as you go.

Make sure you charge your time properly by using frame pricing software.

If using a very narrow moulding it's a good idea to make a pilot hole with a drill first to prevent the wood from splitting.



Cover your workbench in carpet to help avoid scratching the moulding when assembling frames.

When making double mounts adding a line of PVA along with the ATG Tape will give a really good long-term bond.

When setting up your workshop, butt your underpinner up to a bench to make it easier to join large frames.

Seal the glass, mount, artwork and barrier board package with a tape such as P90 Plus, working with the artwork facing you so you can see if any extra dust is being pulled in. It also adds an extra layer of protection from dust, pollutants and insects such as thrips, which can crawl under the glass from the front.

Use fine grit sandpaper to smooth and remove burrs from mount bevels.

For deep pieces of artwork, use a chevron to compare rebate heights before making the frame.



Share your tips with us on Instagram, search **LIONPFS**

65

I want to...

Connect with other framers

Tap into these forums and groups for invaluable advice from other experienced framers on framing and business matters.



Fine Art Trade Guild members have access to the Guild Framer's Technical Helpline via the Frame Talk Forum. Post framing questions and upload pictures to get expert advice from other members.



Social Media - there's several Facebook groups for professional framers - you'll find them via a search. Follow other framers on Instagram and TikTok to see how they do things.



LION was founded in Birmingham in 1977 by my parents, Martin and Margaret Harrold. From small beginnings we now have a team of 50 people, all focused on providing the best possible service to our customers. We're always developing our product range to bring you great choice and great value.

Over the years we've used catalogues, trade shows and training courses to share our experience of products for picture framing. Now that so much of our knowledge base is online, we've created this Product Guide to help you find your way round our website and social media channels - I hope you find it interesting.

Nicola Harrold
Managing Director

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