



GLASSMASTER LEAN, MEAN SILVER LEAD MACHINE

Making Decorative Lead
is now Child's Play
Watch the video now at
www.glassmaster-network.co.uk

The mystic art of
Lead Making is
a thing of the past



Making your own High Quality Decorative Lead is now a reality

- Reduce your production costs.
- Control your lead buying.
- Expand your own business and offer decorative glass supplies in your local area.

The days of the mystic art of lead making are over and Glassmaster is proud to have worked with the best in the industry to produce the worlds first portable silver lead strip machine.

The size of the machine is compact, but don't let size fool you. This machine is crammed packed with state of the art features, far in advance of most of the large lead producers.

You will be buying your lead coils from the same sources as all the major accounts and you will be buying your adhesive tape from the same places as well. So there is no difference at all between the lead you are making and the lead you have been buying from your current suppliers.

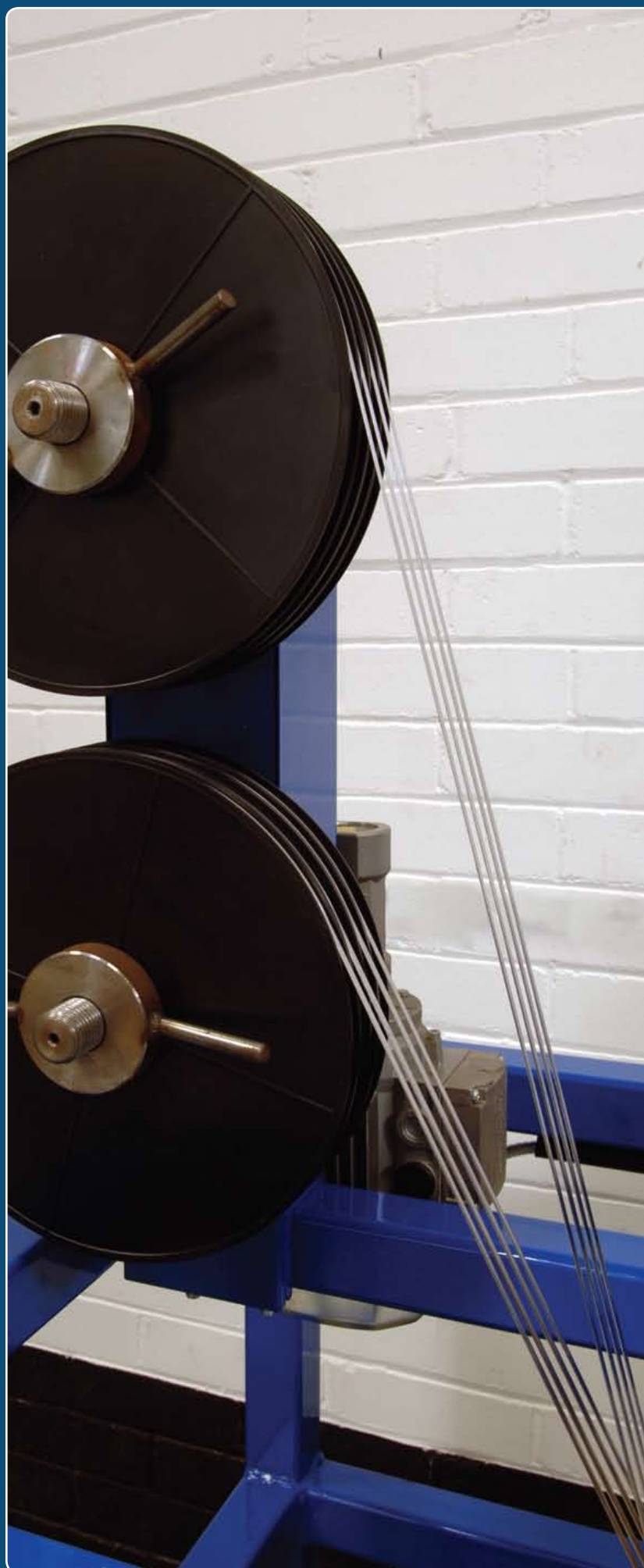
Our lead machine runs from a normal single phase plug socket (or 3 phase) and it is truly portable. Each machine is capable of making up to 400 rolls a day of high quality 6mm decorative strip silver lead.

Each machine is supplied with a roller head and cutter of your choice, and you can then buy optional extra head and cutters sets for any size and style lead you want.



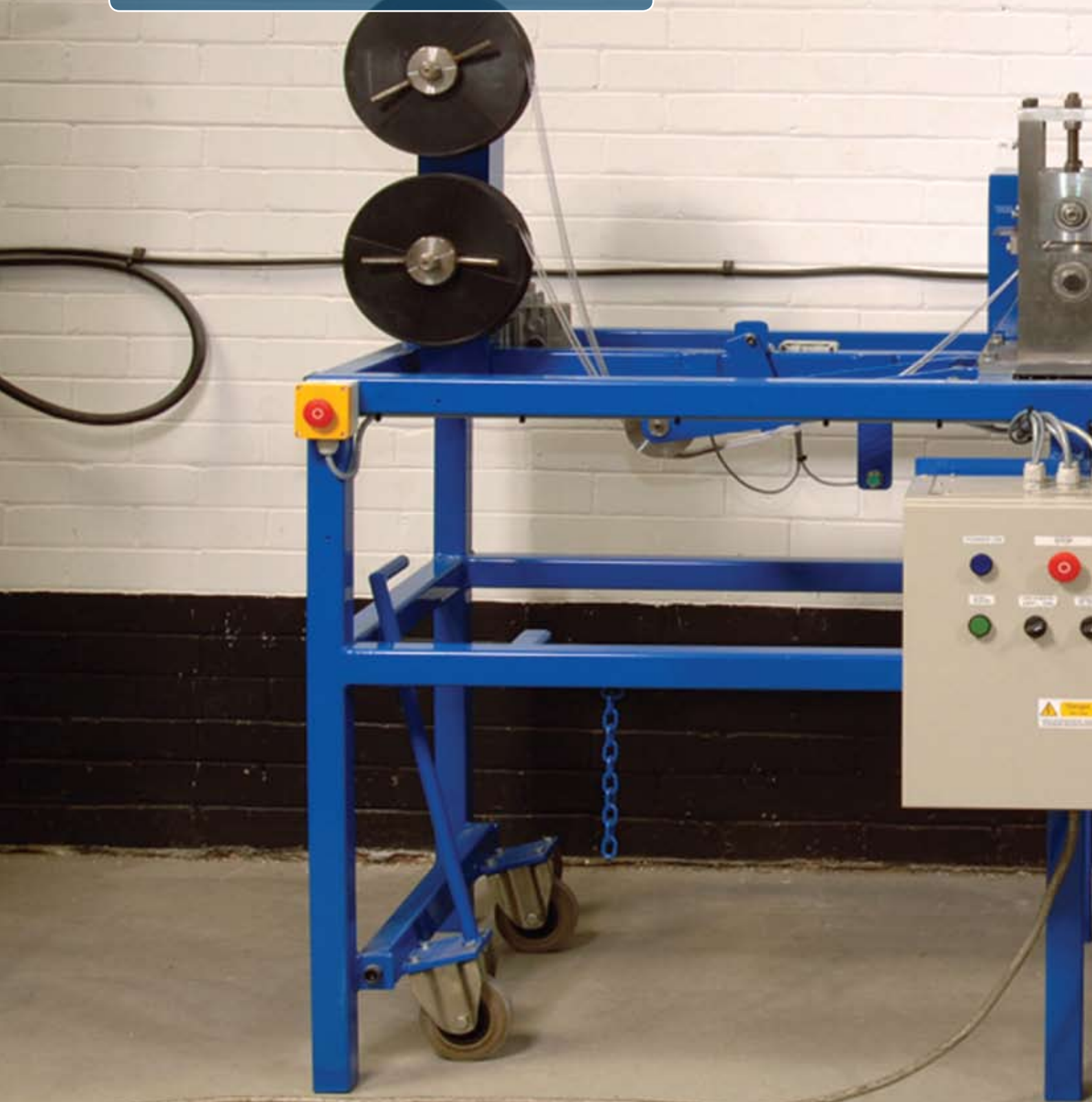
You can make the following

- Lead
- Oval Lead
- Square Lead
- 3mm
- 4.5mm
- 6mm
- 9mm
- 12mm



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Make up to **400 rolls** of
Quality Silver Lead
every day





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Making Lead is as easy as ABC



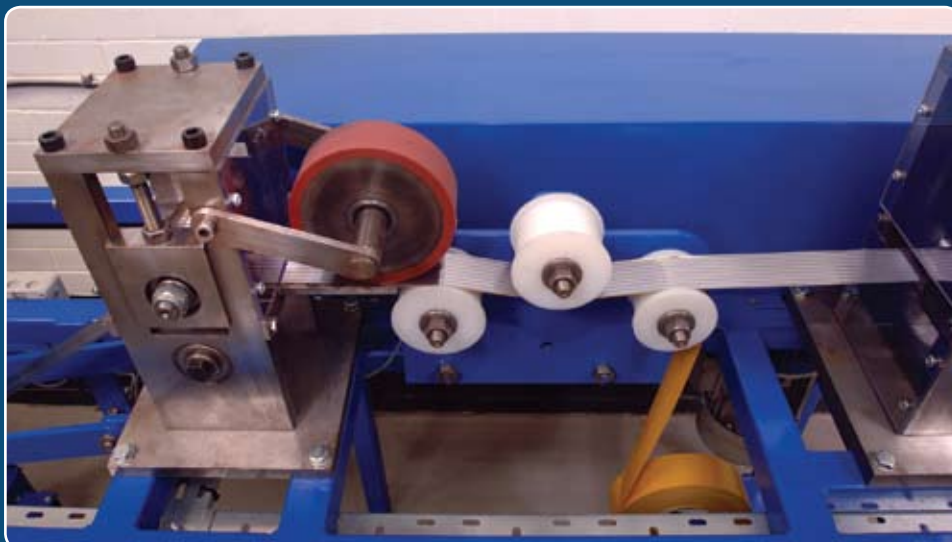
The first step is the supply of High Quality Strip Lead in coils. All of the major producers buy lead strip in coils from the lead processors. This is by far the easiest and best way to produce high quality lead. The lead processors buy lead from the markets and charge to extrude the lead into coils as per the specification set down. Our strip comes at 51.5mm wide x 1mm thick. The coils are supplied on a pallet and these pallets easily stack.



When you are ready to produce, put one of the coiled pallets on the turntable supplied.

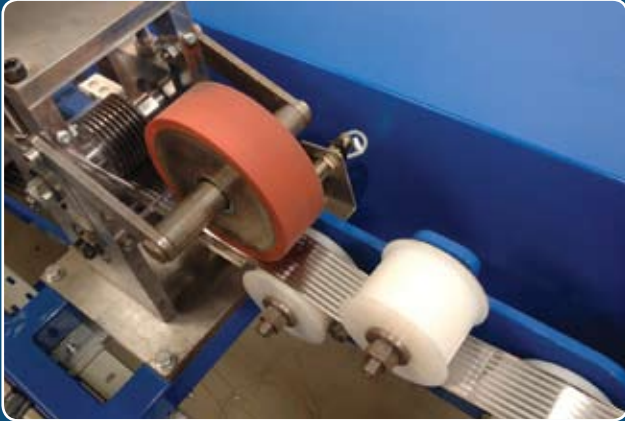
Feed the end of the coil into the shaping head... this is done by using the inching mechanism on the motor. The shaping head has runner guides which will take the lead automatically through the machine.

The shaping head is fully sealed ensuring no lead dust is released into the air. In the shaping head we supply a polishing chamber if you wish to polish the lead. This is done by filling with wire wool and is very easily accessed.



The now shaped lead will pass through 3 rollers where the adhesive tape is applied under tension. The 3 rollers ensure the tape is supplied flat and with no air bubbles that could affect the adhesion.

The formed lead is now passed under the counter system. This system accurately measures the amount of lead on a roll. The red roller is exactly 0.5mm in diameter. On one side it has a magnetic marker which passes over a magic eye. The magic eye is linked to a counter which counts down from 100. Once it gets to zero the machine automatically stops because the lead on the rolls is now 50 metres exactly (100 x 0.5m).



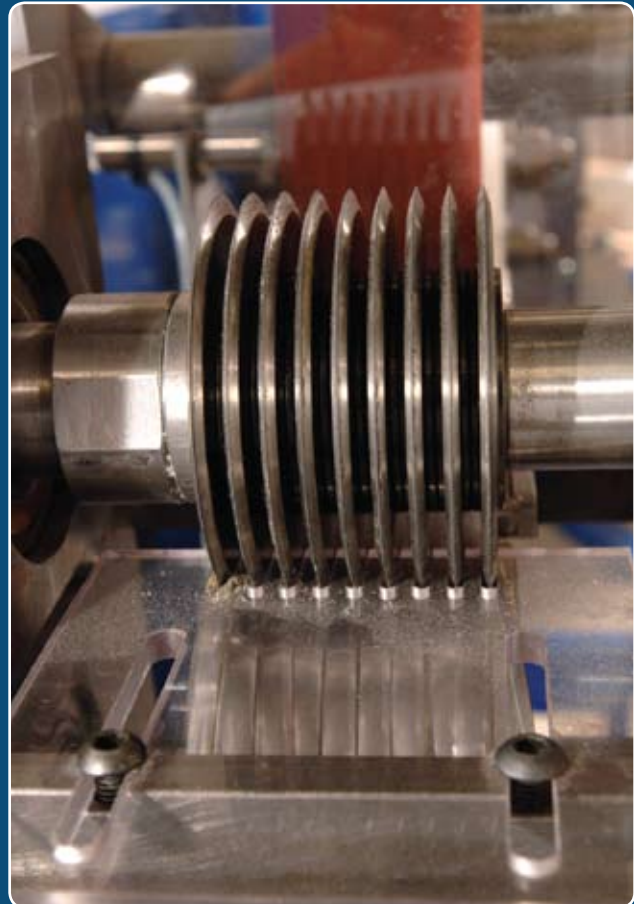
The lead now passes to the cutters.

The cutters are high precision engineered and hardened. These cutters work in harmony with the shaping head and they will slice the lead along the shaped joints. The waste rail lead falls to a waste disposal basket underneath the machine for re-cycling.

The cut lead is then moved to the design right protected coiling system. This system will coil all the lead on to individual rolls. In the case of 6mm lead it will coil 8 rolls at a time. The lead is kept under constant tension via a moving arm which will move up and down between 2 magic eyes.

At the end of each 50 metres, the machine will cut off automatically so that the full reels can be taken off and empty reels put back on.

It takes approximately **9 minutes** for **50 metres of lead** to be shaped and cut.



Find out more, watch the DVD at www.glassmaster-network.co.uk



Join the Glassmaster Revolution

Questions and Answers

Is the quality of the lead any good?

The lead coil and the adhesive strip comes from the same suppliers that the major lead producers use. The only difference is that our lead strip is produced using a 21st century made-for-purpose portable machine rather than in at least one case machinery that is almost 40 years old.

Would the lead pass EN1279?

Our lead strip has passed EN1279 testing undertaken by Northern Test House, Leigh. Copies of the test certificate may be downloaded at www.glassmaster-network.co.uk

How much space is required?

The machine works from single phase sockets (or 3 phase) and so can be used anywhere. The machine itself is 2 metres long x 750mm wide. The turntable is 1 metre diameter. We recommend a total production area of 5m x 2m. However once production is finished the machine may be moved and stored anywhere out of the way.

Would I save money?

You would buy the raw materials at the same price that the major producers pay. You only need spare labour for a few minutes per hour and the machine power is pennies per hour. You can re-cycle the costly spools and you would also save the packaging and delivery charges of your current supplier.

How many rolls of lead would be produced per hour?

The number of rolls depends upon the size of lead being produced. You would produce more the smaller the lead width. 50 metre of lead coil takes around 8 minutes to run and then around 2 minutes of labour to take off the reels and put on empty reels, so you would get 6 rotations per hour. The 51.5mm coils will shape, form and cut 8 x 6mm Oval lead at a time. Therefore you would make around 48 rolls of 6mm lead per hour.

How much labour does I need?

You do not need any special labour at all, and no dedicated staff. The requirement is around 15 minutes of labour per hour of machine running time.

What is the running cost?

The motor to run the machine works from a standard electrical socket. The electrical cost is pennies per hour.

Is there much maintenance?

No. The machine has been over-engineered to ensure no parts are put under too much stress. We would recommend having the rollers re-shaped and cutters sharpened every 18 months or so. This can be done locally or via our own manufacturer.

I am a window maker why would it benefit me?

The Glassmaster Silver Lead machine will enable you to control costs of lead, and control your product quality and lead times. If you purchased all the optional cutting and forming heads then all you would want to stock would be coil lead, tape and spools, and then manufacture to requirement. You would also re-cycle your spools and save yourself all the delivery costs, spool costs and packaging costs.

I am a decorative glass company, why would it benefit me?

The Glassmaster Silver Lead machine offers you the chance to increase your own business by selling lead and decorative glass items to your local market. The set up cost for doing this is minimal, and gives you a great potential to increase sales and profits.

I am a distributor why would it benefit me?

Owning your own machine will level the playing field on all your competitors and enable you to complete the full range of decorative glass products.

Is the machine CE Marked?

Yes we engaged a specialist third party CE mark consultancy to prepare all the correct CE mark requirements.

How much is the machine?

The list price for the machine is £14,950 + VAT. This includes the machine with 1 set of heads and roller of your choice, plus the turntable. In addition we will introduce you to the suppliers for the components for you to agree your own payment terms.

Do you offer discounts?

We are prepared to offer discounts dependent upon the amount of business the customer will contract with UAP.

How much are the spare parts?

An additional forming head unit and cutting head unit costs £4,950 +VAT before discount.

Do you offer finance?

Yes we can offer competitive finance but we would urge all customers to shop around.

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