

Wire Rope Annealing Machine

A fully automated efficient machine,
proven to have short pay back
time then traditional methods

Key Features

- Made in the U.K
- Eliminates frayed ends
- Guaranteed repeatability of cut at +/- 0.5%

GRIPPLE[®]
AUTOMATION

Made in
Sheffield, UK



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Discover our compact annealing machine, capable of processing wire ropes in a variety of diameters and materials.

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Product Focus

The Gripple Wire Rope Annealing Machine is capable of processing wire ropes in a variety of diameters and materials including galvanized and stainless

Optimised for use with our fully automated DeReeler, capable of delivering approximately 750 units of 1m (3ft) lengths per hour. Wire diameters 0.5mm – 6mm (0.04" to 0.2") can be cut and fused before being fed into a downstream machine or deposited into a Kick Out Tray.



Key

- 1 Easily accessible control panel
- 2 User friendly HMI interface
 - Wire length configuration
 - Batch quantity configuration
 - On-board diagnostics
 - Manual or automatic operating modes
- 3 Pressure regulators
- 4 Start / Stop / Reset buttons
- 5 Emergency stop
- 6 Panel underneath - up and downstream control to integrated machines
- 7 Safety interlock control
- 8 Electrode adjustment handle
- 9 Switch on back - variable fusing power
- 10 Easy change electrodes

For more information on technical set up please email:

info@grippleautomation.com

Wire Rope Annealing Machine

**Contact us today
to learn more!**



Are you a manufacturer looking for a more efficient way to cut and fuse wire?

Gripple Automation have designed a compact annealing machine that is capable of fusing wires from 0.5mm to 6mm in diameter, depending on material type, with repeatability of cut guaranteed at +/- 0.5%*. This ensures smooth and precise operation every time, while eliminating frayed ends for easier handling of your wire rope.

A fully automated machine capable of processing wire ropes in a variety of diameters and materials including galvanized and stainless.

Key Features

- **Repeatable and reliable** – Ideal for precise work when application requires accurate lengths.
- **Fuse cut** – Eliminates frayed ends to allow for easier handling of the wire rope.
- **Flexible** – Easy to access and change electrodes to suit a range of wire rope diameters.

When integrated with our accompanying DeReeler, the machine can deliver approximately 750 units of 1-meter lengths per hour. It can also easily be integrated with downstream production equipment, including our Kick Out Tray for a fully automated production cell.



With a user-friendly HMI interface, you can easily program specific wire lengths and batch quantities for a fully automated experience. Plus, our adjustable power output allows you to dial in the correct power for your specific fuse requirements.



Our smart design allows for easy access and maintenance, and with low running costs and short payback times, it's a cost-effective solution for your automation needs. This machine is perfect for a range of industries, including control cable manufacturing for the automotive industry.

Customise your machine:

- Electrode dressing kit
- Machine servicing

Explore the rest of our range

- DeReelers
- Kick Out Tray and extensions

*Consistency of fuse is achieved through the initial set up.

**For more information on
technical set up please
email:**

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Quality Guarantee

All our machines are developed and manufactured in-house at our site in Sheffield, England.

Gripple Automation is a 100% employee owned company, meaning all our people own shares in the business.

Giving all our people direct responsibility and encouraging active participation across every area of the business ensures we're empowering everyone to drive improvements, and ultimately, the business' success directly affects us all.

Having engaged owners across every department of the business gives a commitment to the quality of our product and service offering that our competitors simply can't match.

We're all working towards the same targets, and we all benefit when we meet them, so the focus on maintaining high standards is consistent at all levels.

The DeReelers are built for durability and are the result of continuously developing our products for our parent company Gripple Ltd who process 58 Million meters of wire through our machines every year.

The key role we play in developing machines for Gripple means we constantly strive to innovate and deliver efficient solutions to our customers. Our design together with our understanding of the needs of a wire solutions manufacturer gives these machines an edge you won't find with competitors.



Get to know our engineers

At Gripple Automation, our team of highly trained engineers have a unique blend of skills and experience that have been instrumental in the development of our wire rope machines.

Our teams hands-on experience enable us to create innovative solutions that meet the needs of our customers.

Thanks to our teams expertise and dedication, our wire rope machines are second to none. From our Wire Rope Annealing Machine to our Enhanced and XL DeReelers, each product is designed with efficiency, reliability, and ease of use in mind. And with the teams ongoing involvement in our product development, you can trust that Gripple Automation will continue to lead the way in the wire industry for years to come.

It's in all our best interests to keep striving, delivering, and improving

Key Recommendations



Failure to comply with these recommendations may result in product malfunction and possible damage to property or person and will invalidate the Gripple Automation guarantee. Gripple Automation machines are guaranteed to be free from defects in materials and workmanship in accordance with our terms and conditions.

No other warranty, whether express or implied, including any warranty of merchantability or fitness for purpose shall exist in connection with the sale or use of any Gripple Automation machine.

These Key Recommendations may be amended from time to time; please contact one of your team at sales@grippleautomation.com for more information.

Please adhere to the following usage recommendations:

Loading

To keep the machine running at optimal efficiencies you must ensure that the maximum and minimum wire diameter is not exceeded. By following this recommendation and preventative maintenance, the machine will achieve reliable output and minimal downtime.

Storing

Do not store the machine outdoors, or in damp or abnormal conditions.

Repair, Modification and Re-use

Do not repair, modify or re-use Gripple Automation machines. If you have any queries regarding product performance, please contact info@grippleautomation.com

Gripple Automation's policy is one of continuous development and innovation. We therefore reserve the right to alter specifications without notice.



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