

Signs and Graphics

Specialist Industrial Textile Equipment for Sign Makers
Including Automated Sewing Solutions for Attaching
SEG/Keder.

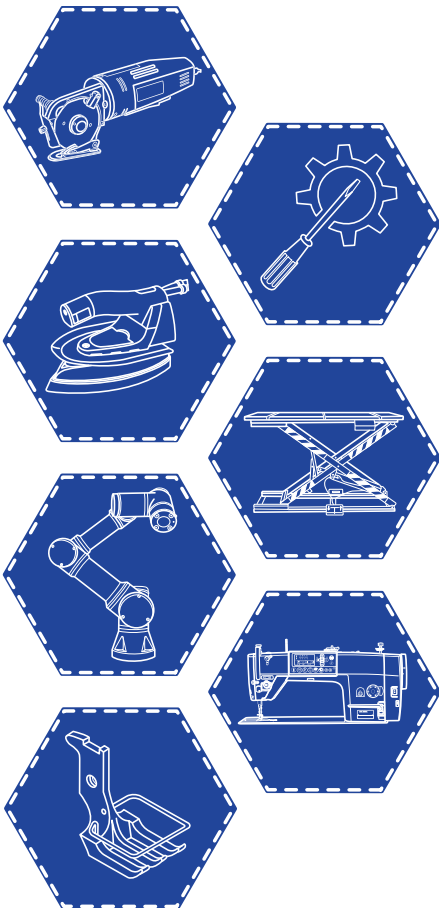


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Croeso!
Welcome



AE SEWING MACHINES is a

family-run business based in Wrexham, North Wales. As one of the UK's leading suppliers of state-of-the-art industrial cutting, sewing, and pressing equipment, we specialise in bespoke automation solutions tailored to modern manufacturing needs.

This brochure provides an overview of our advanced Keder/SEG sewing range, but our innovation doesn't stop there. We are implementing projects to transform the textile industry by eliminating inefficiencies, supporting net-zero goals, and bridging the skills gap. With advanced technology, including robotics, we are driving the future of smarter, more sustainable manufacturing.

Get in touch with our expert team to discuss custom projects and discover how specialist equipment can optimise your production process.



If you're looking to futureproof your business with the most advanced SEG/Keder sewing equipment, backed by unbeatable customer service and technical support, you've come to the right place.

With years of experience in the industry, our team understands the unique demands of banners, signs, and graphics production. Many of our customers have faced increasing challenges in finding skilled workers, so we came up with a solution.

We developed two automated conveyor systems and a specialist sewing machine for attaching Keder/SEG. These systems are deskilled, allowing operators to achieve perfect results without prior sewing experience. To ensure a seamless transition, our team provides comprehensive machine training upon installation.

Each machine is designed and built to order in the UK by our expert team. Whether you need a compact system or a double-width conveyor belt, we tailor solutions to fit your requirements. Our priority is supplying equipment that maximises precision and productivity, helping you create an efficient and ergonomic workspace. You can rely on us for expert guidance, top-quality machines, and ongoing support every step of the way.

Advance ASA-VType/310C

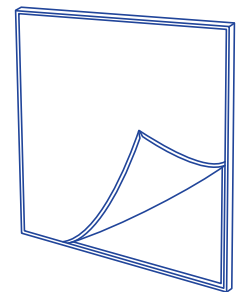
Conveyorised Digital 2-Needle Lockstitch Sewing Machine for Attaching Keder/SEG



Keder/SEG Feed

- Keder/SEG/Velcro tape feeder provided as standard.
- Machine has castors for improved mobility.
- Handy shelf for storing spare fabric, tools, or Keder/SEG rolls.
- Can be fully customised to suit your requirements, including alternative machine heads and belts.
- Additional attachments designed and 3D printed in-house.

Ideal For Tension Framed Graphics



Effective. Versatile. Deskilled.

The ASA-VType/310C digital conveyor is modern, industry 4.0 ready, and represents the next generation of conveyorised sewing machines. Designed with a focus on deskilling, versatility, and productivity, it is the ultimate automated sewing solution for producers of wide-format printing and display graphics. The VType is widely used by customers across the UK and Ireland, Europe, and the USA, and is suitable for:

- Keder/SEG attaching for high-quality sewing of silicone edging, including precise trimming for mitred corners (single-needle operation)
 - Large area sewing to hem flags, PVC and banners (with a hemming folder)
 - Velcro attaching (two-needle operation)
-



Up to
70%
Productivity
Increase

Juki LH-4578C Machine Head

- Digital twin needle lockstitch with automatic thread trimmer, backtack, and footlift.
- Sewing head is fully accessible for maintenance and service.
- Fabric detection sensor to finish seams perfectly every time.
- Automatic stitch length to belt speed synchronisation.

Customer-Focused Design

- Panasonic HMI touch-screen digital interface allows settings to be changed quickly and easily.
- Grippy silicone conveyor belt with auto-synchronised forward and reverse movement.
- Accessible control box.
- Easy to use with minimal training required, which we provide upon installation.

ADVANCE ASA-VTYPE/310C SPECIFICATIONS

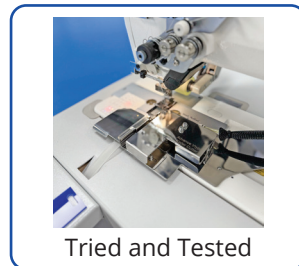
CONVEYOR BELT LENGTH	3m (can be altered)
CONVEYOR BELT WIDTH	1m (can be altered)
MACHINE HEIGHT	90cm as standard
POWER REQUIREMENTS	240V
AIR REQUIREMENTS	5 bar



Built to Order in the UK



Fully Customisable



Tried and Tested



UKCA and CE Certified



Repositionable



View on Website

Advance ASA-EType/210C Eco

Compact Single Needle Lockstitch Conveyorised Sewing Machine for Keder/SEG

Made
in the
UK

Juki DLN-9010AS Machine Head

- Single needle, needle feed sewing machine head specially selected to ensure consistently flat seams and perfect finishing every time.
- HMI touchscreen interface, programmed in-house by our team.
- Automatic run with pause facility, console or pedal operated.



The Advance ASA-EType/210C Eco Conveyor is a compact, automated sewing system designed exclusively for attaching SEG/Keder. Ideal for smaller manufacturing facilities with limited space, it offers a streamlined alternative to our flagship VType model while maintaining a strong focus on efficiency and ease of use. Equipped with user-friendly features such as a fabric detection sensor and automatic thread trimmer, it allows operators to achieve precision results without prior machine operating experience. This ensures both new and existing factory staff can adapt quickly with minimal training, increasing productivity from day one.

ADVANCE ASA-ETYPE/210C SPECIFICATIONS

CONVEYOR BELT LENGTH	2m
CONVEYOR BELT WIDTH	1m
MACHINE HEIGHT	90cm as standard
POWER REQUIREMENTS	240V
AIR REQUIREMENTS	5 bar



The Finishing Touch

The integrated Keder/SEG cutter trims automatically to ensure the finished graphic will fit perfectly into the frame's mitred corners.

Advance ASA-EDGE

Versatile Walking Foot Sewing Machine for Event Graphics

Adjustable for
9-15
MM Wide
Keder



Enhanced Adaptability

- Interchangeable folders with a quick-change system ensure you can tailor the machine to your needs without wasting time on setup.
- Can be used for attaching Keder/SEG for tension framed and light box graphics as well as sewing custom pole-pockets for flags and hanging banners.

Hassle-Free Production

- Let the machine do the hard work for you with automatic functions such as thread trimmer, foot lift, and backtack.
- Produce a flawless finish every time with no sewing experience necessary thanks to the simple control panel and detachable guides.

The Advance ASA-EDGE is an entry-level sewing system designed as the ultimate solution for producing high-quality event graphics on a smaller scale. Ideal for businesses with limited space or smaller production needs, this versatile machine requires a more hands-on approach than our conveyors while remaining accessible to operators with minimal sewing experience.

ADVANCE ASA-EDGE SPECIFICATIONS

ADJUSTABLE SEG WIDTH	9-15mm
PRESSER FOOT LIFT	8-16mm
REVERSE LEVER	Yes
MOTOR TYPE	Inbuilt Servo Motor
NEEDLE POSITIONER	Yes



Simple Control Panel



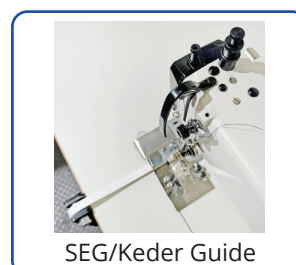
SEG/Keder Roll Holder



Interchangeable Folders



Adjustable Stitch Length



SEG/Keder Guide



Supplied Fully Assembled

Juki MO-6814S/DD10

2 Needle 4 Thread Overlock Machine for Panel Attaching



Tidy Working Area

- Excess fabric is trimmed neatly as the machine sews.
- Scrap fabric and thread is disposed of via the waste chute.

Ideal for Banners and Flags

- This model is ideal for joining multiple fabric panels to make one larger piece, particularly for products such as banners which require a flat, secure seam.
- Overlock stitches are highly secure and will stretch with the fabric rather than breaking.

User-Friendly Operation

- Setting options including automatic mode with material sensor, manual mode, and semi-automatic mode.
- Integrated operation panel and control box.
- Adjustable needle area LED light.

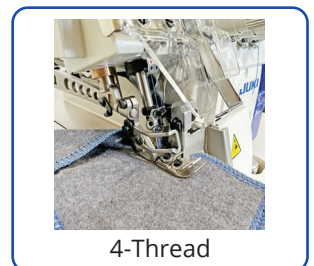
The Juki MO-6814S/DD10 is a high-quality overlock/safety stitch machine equipped with a powerful direct drive motor for quiet and efficient sewing. It has a differential feed micro-adjustment mechanism (lever operated) which allows it to adjust to the material being used and respond to various kinds of sewing materials and processes. It is also part of Juki's Eco Product range.

JUKI MO-6814S/DD10 SPECIFICATIONS

MAXIMUM SEWING SPEED	7,000 sti/min
STITCH LENGTH	0.6~3.8(4.5)mm
PRESSER FOOT LIFT	7mm
OVEREDGE WIDTH	3.0, 4.0mm
NEEDLE GAUGE	2.0mm



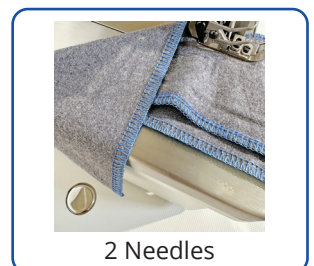
Direct Drive Servomotor



4-Thread



Waste Chute



2 Needles



Diff. Feed Adjustment



High-Speed Sewing

Auxiliary Equipment

Compressors

We pride ourselves on providing turnkey solutions for modern manufacturing, and that includes ensuring you have the tools to get the most out of your new equipment. If you don't have compressed air on site already, we stock a range of tried and tested compressors which are ideal for use with our conveyor systems.



Eyelet Attaching

Specialist Eyelet-Attaching Equipment From Fepatex

We work with Fepatex to provide game-changing eyelet attaching machines for our customers. Their extensive range of eyelet machines are used in a wide variety of industries including banners, sailmaking, curtains, and clothing! There are a variety of options available to suit businesses of all sizes, including manual, semi-automatic, and automatic. We also supply a wide range of compatible high-quality eyelets to compliment your machine.



FM10 Manual Eyelet Machine



FM25 Semi-Automatic Eyelet Machine



FM239 Fully-Automatic Eyelet Machine

Extras

Keep Your Equipment Running Smoothly

FREE
Starter Kit

To get you off to a flying start, all our Keder/SEG sewing systems come with a starter kit which includes:

1 x 200m roll of our high-quality white Keder
2 x Cones of BN60C bonded nylon thread
1 x Packet of 10 needles.



Our High-Quality White Keder/SEG

The flat PVC Keder/SEG that we supply is designed for sewing onto textiles and is perfect for producing tension-framed graphics. It is compatible with virtually all SEG frame systems, including for applications such as LED light box frames, stand construction, general displays, retail, and interiors. It comes in a 200m roll (14mm x 3mm) and is the ideal partner to all our Keder/SEG sewing machines.

We understand that our customers often have high production requirements, so we are pleased to offer a 5% discount for orders of 4 rolls of Keder/SEG and a 10% discount for orders of 12.

Save 5%



Save 10%



Spares and Consumables

Our spares department stock a full range of replacement parts as well as needles, thread, and anything else you may need for your machine. We ship all in-stock items with next day delivery, and in the unlikely event your required item is out of stock, we'll order it promptly.

Book Your Demo

Find Out More About How Our Automated Machinery Can Streamline Your Production Process



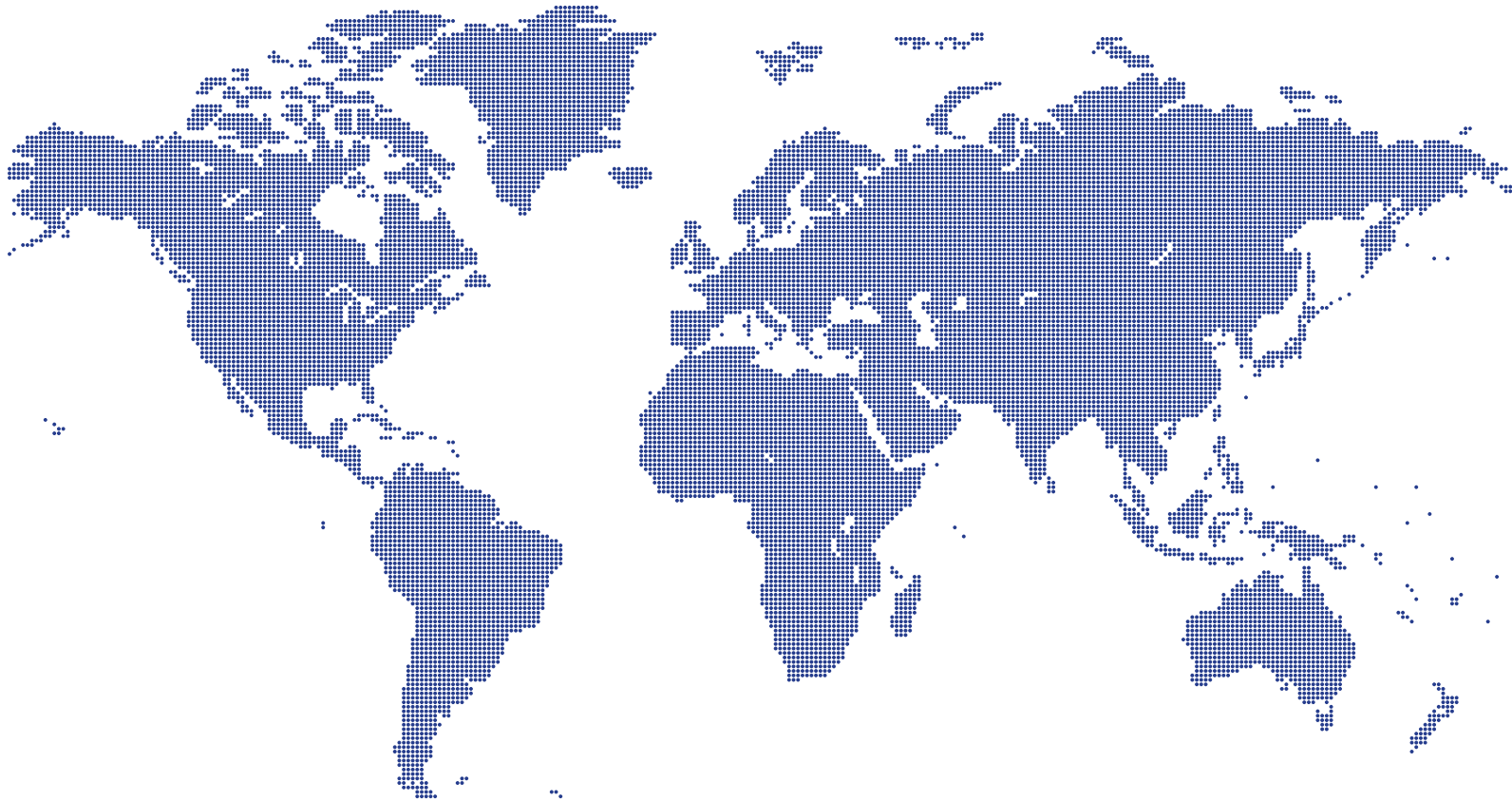
We want you to be confident that you're investing in the best possible equipment for your business. Book a demonstration at your convenience to:

- Test out the machines with your own fabric samples.
- Meet the team who will build your machine and provide ongoing technical support.
- Decide which system best suits your requirements.

Call 0330 332 6205 or email info@ae-sewingmachines.co.uk

QUICK COMPARISON CHART

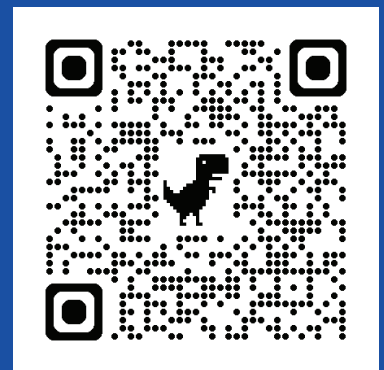
Advance ASA-	VType/310C	EType/310C ECO	EDGE
CONVEYOR	Yes	Yes	No
BELT SIZE	3m x 1m	2m x 1m	N/A
NUMBER OF NEEDLES	1 - 2	1	1
DIGITAL HMI TOUCHSCREEN	Yes	Yes	No
KEDER/SEG ATTACHING	Yes	Yes	Yes
BANNER/FLAG SEWING	Yes	No	Yes
VELCRO ATTACHING	Yes	No	No



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