



# ***Hague***

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## **LINKING MACHINE**

**D280H HAND OPERATED  
AND D280E ELECTRIC**

# GETTING STARTED

**PLEASE READ CAREFULLY BEFORE USE**

Thank you for purchasing this Hague linking machine. The linker has been checked and tested before packing, a test piece being left on the machine.

## IMPORTANT

- (1) Remove the packing from around the looper arm before turning the handle.
- (2) The machine, including the point ring, must be wiped down with a dry cloth to remove any excess oil.
- (3) Before putting your garment on the point ring, push some waste work onto the points all the way round several times to ensure that all the points are clean.
- (4) **D280E Electric Only**  
*Use the polystyrene packing to rest the linker on its side, then remove the packing from around the motor.*

*Push the foot pedal plug into the motor and bring the cables through the slot in the base cone as you stand the machine upright on the table.*

## Connections to the Mains

*Your linker operates from an AC mains supply of 220/240 volts.*

**IMPORTANT** - the wires in the mains lead are coloured according to the following code, blue - neutral, brown - live. If the mains plug contains a fuse, the value of this fuse should not exceed 5 amp.

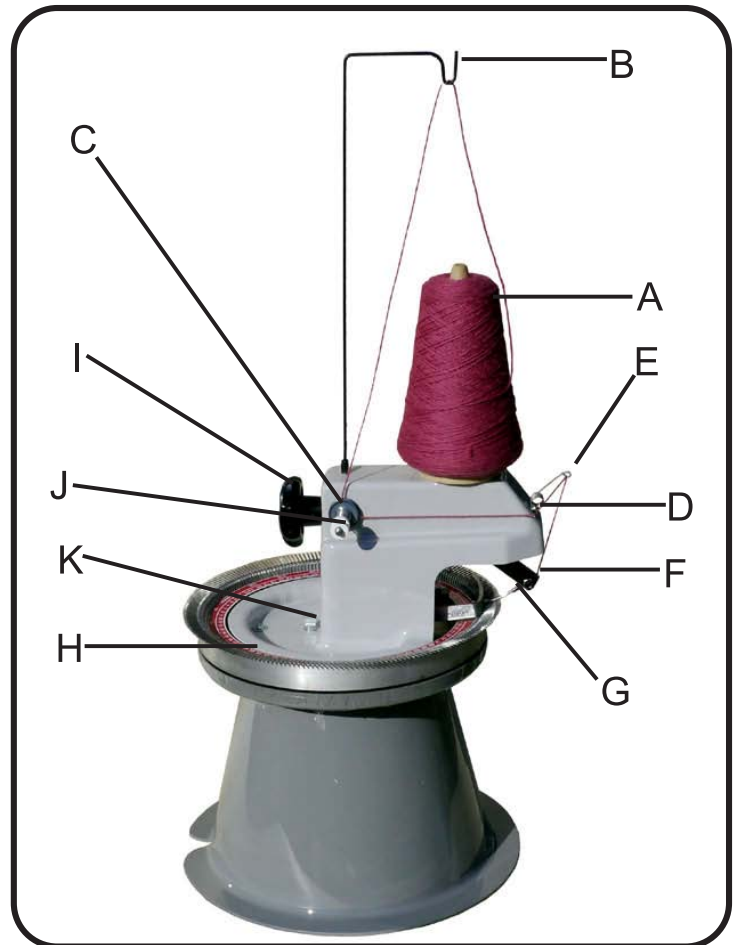
*For USA/CANADA a 110/115 volt motor is fitted.*

*Disconnect from the mains when not in use.*

- (5) Push the yarn rods A & B into plastic bungs on top of the linker, with the yarn guide 'B' positioned above the cone.
- (6) **Threading of the Linker**  
Place the cone of yarn over the rod (A). Take the yarn over the guide (B), round between the discs (C), through the guide wire (D), through the tension take-up spring (E), then, using the threader supplied, thread the yarn through the hole in the needle bar square (F) and then through the eye of the needle (G) from the red side of the needle bar. Now turn the handle to make sure the needle is fully out.
- (7) **How to start Linking**  
To join seams, you push the edge to be joined evenly onto the point ring (H), the first piece with its right side facing you, then the second piece with the wrong side facing you on to the same points.

To link together turn the point ring (H) (clockwise only), so that the first point full of seam is opposite the linker needle, (making sure the needle is fully out otherwise the needle may be broken). Hold the end of the threaded yarn and turn the linker's handle (I) clockwise. The linker's point ring will rotate, point by point, linking the pieces together.

*D280E Electric only. Once started let go of the handle and press foot pedal.*



If you have a long seam, "pull off" the linked seam from the point ring to make room for more seam to be placed on. When you have completed the seam continue on a little, and then cut across chain. Alternatively, continue on to the next seam to be linked leaving a space of no more than two inches (5cm), or start and finish on waste work, thus saving time re-threading the needle.

It is best to block and press your work carefully before linking, this makes it easier to get the very edge stitch on the point ring, and makes the seam neater and less bulky.

### **TENSION**

The tension can be altered by moving the knurled nut (J), turn clockwise for tighter stitch or anti-clockwise for looser stitch.

### **Motor Release Screw D280E Electric only**

*The motor release screw (K) must always be tight (clockwise) when the linker is running, it is only released if the handle (I) is needed to be turned anti-clockwise because of an operational mistake, broken needle, etc. To release motor turn screw (K) anti-clockwise 5 full turns, the handle (I) can then be turned in either direction. Re-tighten screw (K) before using the linker again.*

### **SAFETY**

Keep the linker away from children. Fit point guard when not in use.

## **FITTING A NEW NEEDLE**

Turn the handle until the needle is as far out as possible, slacken the needle screw with the hexagon wrench supplied and remove the broken needle. Push the shank of the new needle into the centre hole of the needle bar square (ie the hole from which you removed the broken needle). Position the needle so that the point of the needle is set level with the end of a point in the point ring (see fig 1).

Slightly tighten the needle screw then turn the handle and check that the needle is going straight down the centre of the point, as the needle goes inwards (see fig 2). If the needle is straight, tighten the needle screw.

### **LOOPER ADJUSTMENT (Rarely necessary)**

Before adjusting the looper, check that the needle is set correctly. Slacken the looper screw with the hexagon wrench supplied. The looper can then be moved sideways and up and down. Turn the handle so that the needle is in the point ring by approx. 5mm (see fig 3) then position the looper as shown.

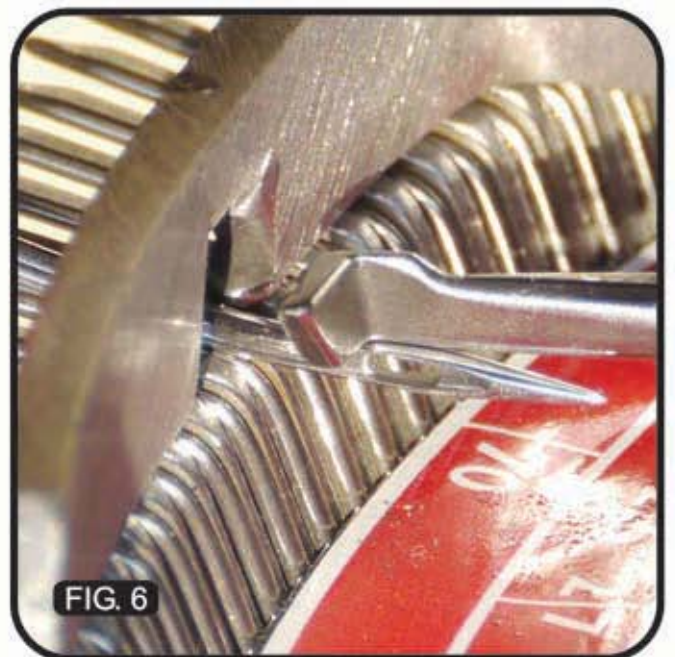
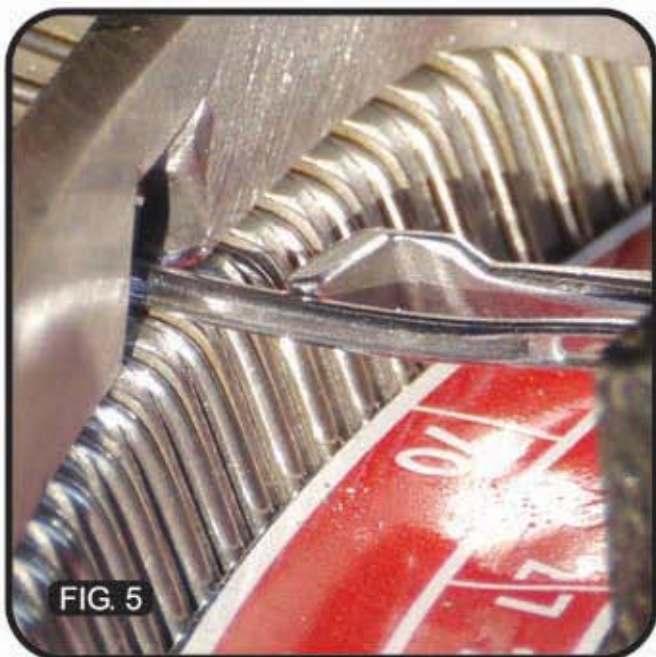
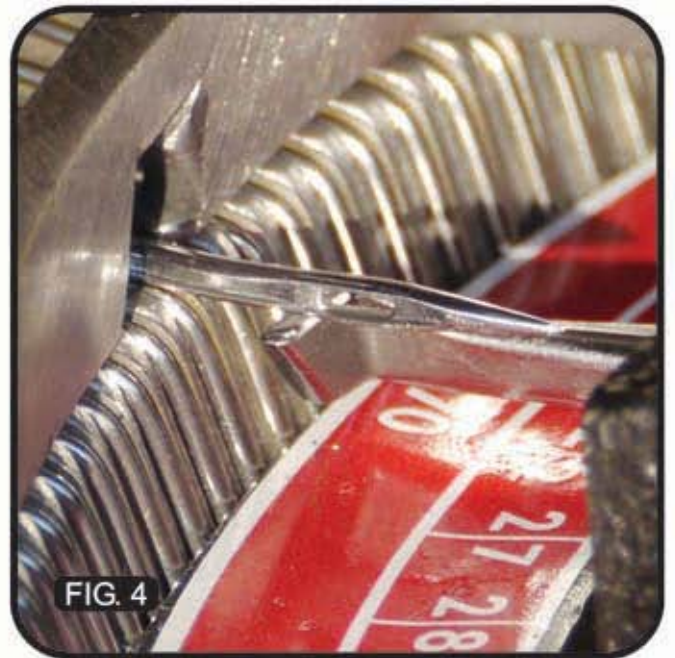
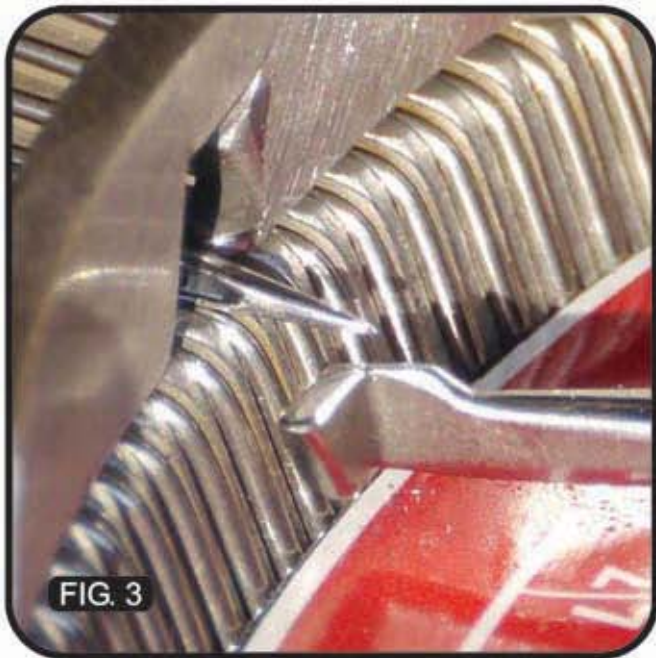
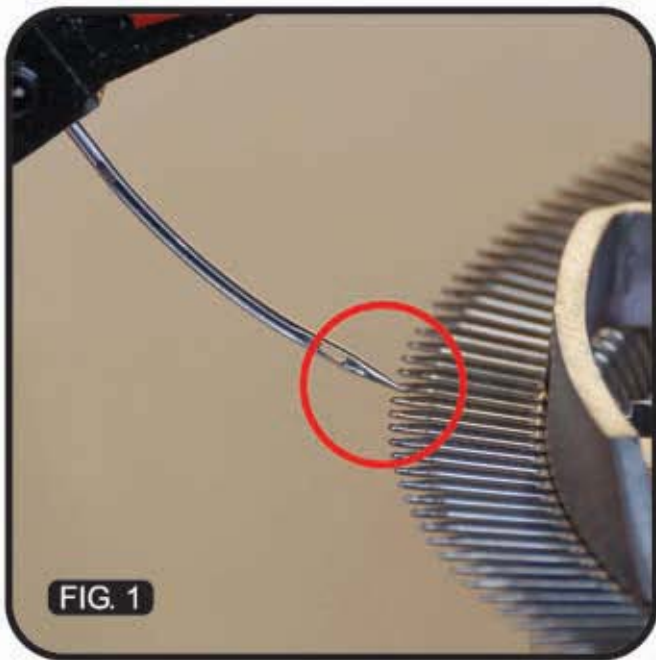
As you continue to turn the handle the looper will move sideways (see fig 4), the needle being above the looper. Set the looper as close as possible to the needle, but not touching.

When the needle is right in, the looper will start to rise - at this stage the looper should touch the side of the needle (see fig 5) so as to pick up the yarn.

As you continue to turn the handle the needle starts to go out as the looper rises and comes over the top of the needle (see fig 6).

Tighten the looper screw and recheck the action. The point ring will rack to the next point as the needle goes out.





# OPTIONAL ACCESSORY: LINKER STAND



The stand will elevate your linker to a working position, allowing the garments to hang freely from the point ring and rotate with ease as the garment is linked. The three legged stand has a height of 72cm and forms a firm base onto which the linker sits.

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