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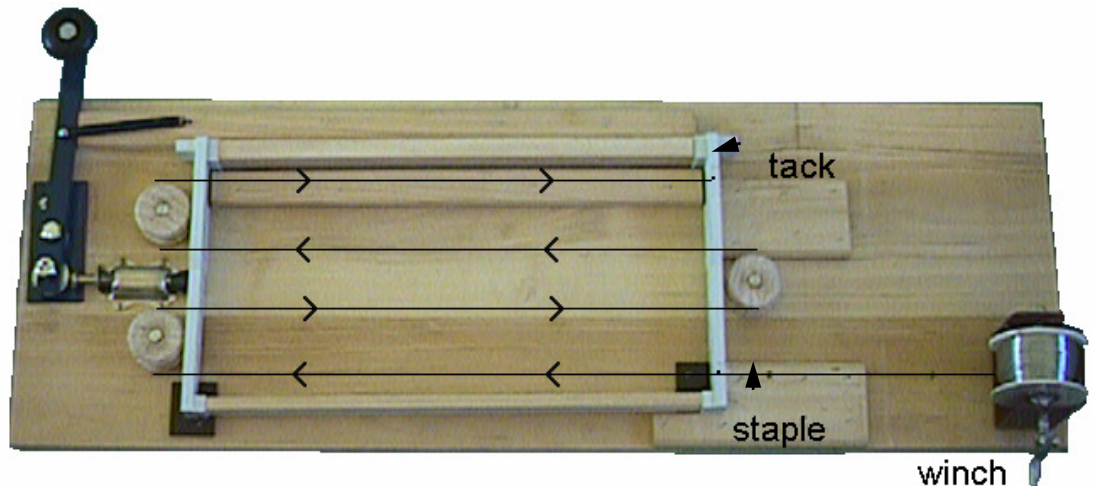
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WIRING DEVICE AND EMBEDDING BOARD

Holds frame square for wiring and ensures tight wires. During wiring one end bar is slightly curved inwards, and upon completion of wiring, that end bar is allowed to return to the normal position, and so tightens the wires even further. A wire holder prevents wire from uncoiling too rapidly.



How to use the Wiring Device

- 1 Place the frame in position as shown in the illustration.
- 2 Pull lever handle to the left thus pushing ratchet stop against the end bar and so pushing the frame into perfect square, and partly bowing the left hand end bar.
- 3 On the narrow edge of the right hand end bar, and about level with the top hole, drive a 10 mm (3/8 in) tack or a very small nail, 12 x 1.4, about half way in, and do the same near the bottom hole. If using Guilframes, there are grooves already there for you.
- 4 Thread the wire as shown, going through the staple and going around the reels, following the arrows.
- 5 Pull the wire through the top hole for about 8 cm (3 in), wind it securely around the tack, drive the tack right in, break the wire off flush. Tack head or wire left sticking out could catch in your uncapping knife.
- 6 Using the little winch take up the slack slipping the wire off each reel in turn. If you are going to use a Crimper you can very quickly get the wire just handtight. If you do not use a crimper, it is worth taking the extra time to get the wires very tight.
- 7 Take hold of the wire between the end bar and the staple, bend sharply upwards, fasten off around the bottom tack. Drive the tack right in and break off the wire. (Remember your uncapping knife).
- 8 Release the ratchet and the end bar will spring out tightening the wire even more.

How to embed ordinary foundation

- 1 Stand the frame top bar down on the table, leaning it towards you.
- 2 Place the sheet of foundation on the wires, and slide it right down into the groove in the top bar, and by bending it a little, insert it into the groove in the bottom bar. Be sure it is about equal distance from each end bar.
- 3 Place the flat side of the embedding board on top of the foundation, and grasping both the frame and embedding board together, turn upside down. You then have in order from the bottom, table, embedding board, sheet of foundation and wires.
- 4 If using a spur wheel embedder, heat it in hot water, and run it along the wires to insert them.
- 5 If using an electric embedder, place the contacts of the embedder on the top of a single wire, close the switch with your thumb, release the switch as soon as the wire commences to sink into the foundation.
- 6 It is a good idea to embed your foundation a few days before you put it in the hive. Otherwise it has a tendency to buckle, especially in hot weather.