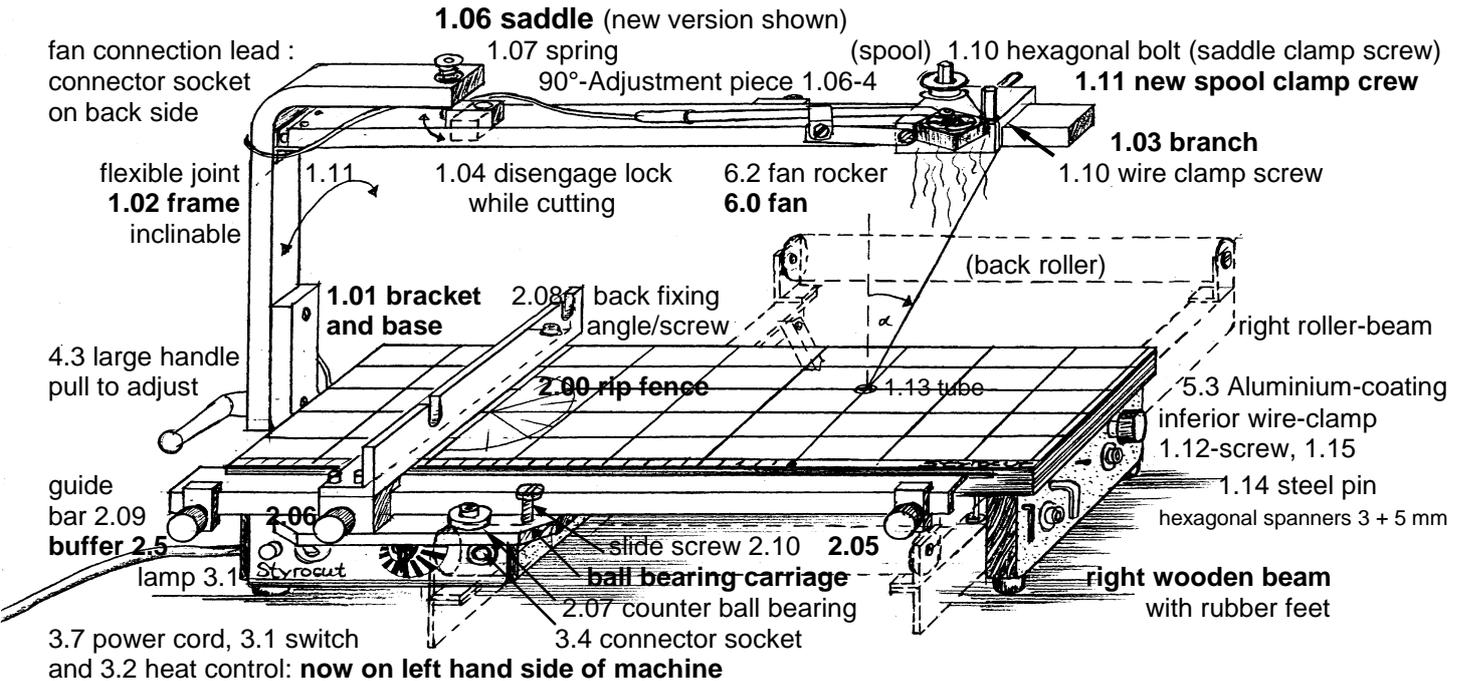
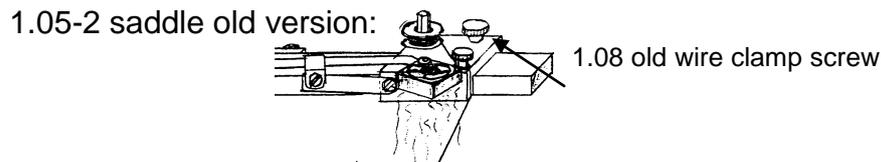


## STYROCUT-3



**please note :** saddle lock screw should always be screwed on to ensure electric contact !



### Preparing to work :

The working surface (grid), guide (2.11) and slide- bearings should be clean. Wipe down with a cloth and spirits, then oil the top and bottom of carriage's sliding areas. Before tightening the cutting wire push down the branch (1.03) and turn the **lock (1.04)** from right to left under the horizontal part of the frame (1.02), so that the tension spring (1.07) does not pull the branch up.

Then unwind enough cutting wire from the spool and loosen the wire-clamp-screws (1.8/1.10/1.12). Insert the wire about 2,5 cm (1 inch) deep into the brass tube (1.13) and tighten first the inferior, then, after stretching the wire, the upper clamp-screw. The wire's tension might be increased by rolling up the spool. Finally turn to the right the lock (1.04) to make the tension spring operational. It is quite normal for a fresh piece of wire to stretch after the first cut.

**When the wire gets longer it should be re-tightened. Once lengthened the wire will be stronger!**

The cutting wire should generally be perpendicular to the table surface in both directions. The first vertical may be set with the help of the 90-degree-buffer(1.09). This adjuster has a large bore-hole for this purpose. You require the small hexagonal spanner for this and other adjustment work.

For inclining the whole frame (1.02) forward together with the wire, unlock the large handle (4.3) which then works like a pivot. The desired angle is also here set by holding the protractor against the wire.

**The heat of the wire** is set by the heat control knob (3.2). It may differ in a wide range. A short wire and a complicated cut require a low heat level. Longer wire requires and simple cuts may be made with a higher heat level. While you cut, the **fan** should blow away the superfluous heat from the not-cutting part of wire to make sure that no remains of Styro-foam may evaporate and bother your nose.

The Styro- foam cutting machine is now operational.