



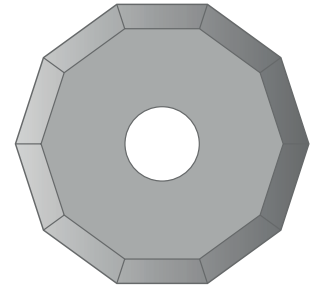
CUTTING FABRIC ON A FLAT PLOTTER

How to choose the correct soft signage tool

ROTARY tool

Recommended for all soft signage fabrics.

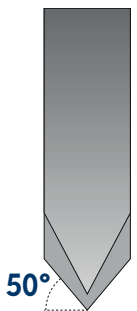
- This tool has a rotating motor-driven 10-sided blade.
- The smaller the blade diameter, the thinner the material to be cut.
- The smaller the overcut, the greater the cutting force.
- This tool considerably reduces the horizontal forces applied to the material (and also enables fabrics to be processed for which vacuum fixing is ineffective) and ensures that every fibre of the material is cut at very high speed.
- Using this tool, all materials can be cut at a speed of 800/1000 mm/sec.
- Please note: for fabrics with a low melting point (such as TEXON Backlit 190 gr) if problems appear on the quality of the cut at the edges, we recommend reducing the rotation speed of the blade.



STATIC BLADE tool

Recommended for use with more structured fabrics (for example TEXON and Black Back).

- This tool has a double-edged static blade.
- A double-edged blade is recommended because it lasts longer than a single-edged blade.
- This tool still permits a very high machining speed (600 mm/sec).



GENERAL NOTES

- The tests were carried out in collaboration with SofTeam SrL, national distributor for Italy of SUMMA plotters, on Summa Series E flat plotters.
- Another element to take into consideration with materials of this type is how they are fed on the work surface. In this regard it is important to lead the material over the working surface in an effective, straight way without deformations and/or creases.
- For materials of that kind, recommend an unwinder with a dancer (if possible motorised, with a photocell for automatic alignment of the material).
- The indications given above are generic and may vary depending on the characteristics of the blades used, their state of wear, and various other factors. As such, they should only be taken as a starting point for identifying the optimal solution for the equipment used.

