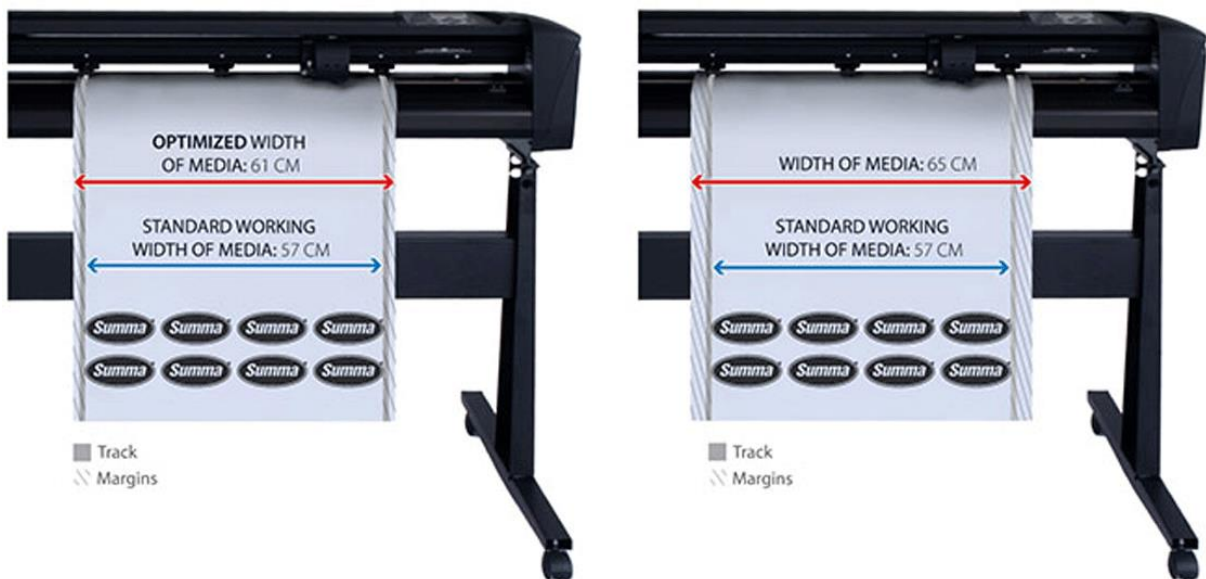


Summary of possible media limitations on the D140FX series:

Smaller grit roller, resulting in possible larger margins

The D140FX machine doesn't have a wide grit roller where the pinch rollers can be positioned freely. They only have a small grit roller with fixed pinch roller positions. This results in 9 different 'working widths'. The main difference with the standard D140 (D60) unit is that margins (= material loss) of non-optimized media widths will be more extensive. If, for instance, a 61cm wide (= standard format) roll is loaded, the standard working area will be about 57cm, which implies there is a margin of 2cm (= recommended margin) on both sides. However, if you load a 65cm wide roll (= non-standard format), the standard working area will remain 57cm, which results in a 4cm large margin (doubled in size).



Extended Mode

In order to minimize loss of material, all current roll plotters dispose of an extended load functionality. In extended mode, margins can be minimalized, which, however, may result in the appearance of cutting lines in the track. Cutting the track can result in material transport issues (tracking issues). Moreover, the cutting quality in the margins can be inferior, especially when the margins become rather extensive. Therefore, using FlexCut in the track or in the outer margins is discouraged.

When contour cutting (OPOS), the extended mode is automatically activated. This way the working area can be set, independently of the pinch roller positions. This ensures also other formats can be handled with minimal margin loss, even on the FX Series. Margins can thus easily be minimized without negative effects whatsoever.

