



## CITO ULTIMATE and AC 3

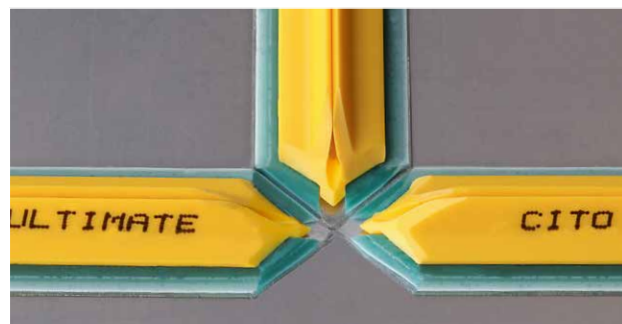
### the perfect combination

CITO presented a creasing system at the drupa 2016 which is unrivalled throughout the world. CITO ULTIMATE is characterised by its special flexible surface coating that enables extremely large runs. Indeed, runs of up to 480,000 sheets have already been achieved in practice in the processing of folding carton board.

Since such run sizes are extremely rare in Europe, these results were obtained through several runs within an order. The cutting tool was left in the chase, to avoid any impact from tool changing. To enable precise insertion of the cutting plate, a measurement was made using the CITO CREASY.

The unique feature of the new CITO ULTIMATE creasing system is the consistently high quality of the creasing profile. Measurement of the cuts found a minimal deviation in the profile characteristics of diecut sheet number 1 compared with sheet number 480,000 – the deviation was of the order of less than 0.03 mm. No other

creasing system is able to achieve results that are in any way comparable.



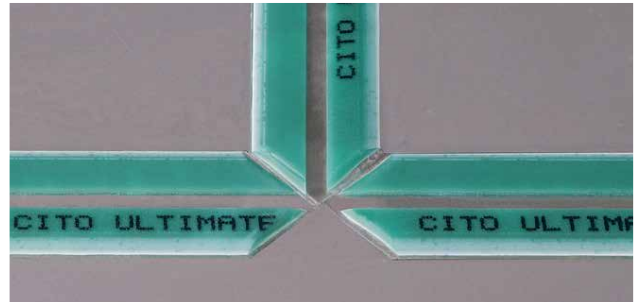
Based on the outstanding success with folding carton board, CITO has decided to expand its product spectrum by the end of the year to cover micro flute and corrugated board. The most important factor here is not so much the possible run size but the highly consistent crease quality.

**The blanks processed with CITO ULTIMATE are discernibly less susceptible to disturbances when subjected to further processing, which results in both increased efficiency and in turn a reduction in costs.**

The perfect combination comprises CITO ULTIMATE used in conjunction with the new CITO AC 3 Cutter.



This new cutting technology, which automatically chamfers the creasing matrices on the cut edges, requires virtually no additional working on the cutting plate. European customers have unanimously confirmed that creasing matrices cut with the AC 3 Cutter could be used immediately and without any further handling.



**Initial calculations for customers in Germany found the cost saving to be of the order of € 40,000 to € 50,000 per year.**

These calculations were based on 4 - 5 makeready operations per day and an average cutting die yield of 6 - 8. Naturally, CITO creasing systems can also be processed with this cutting technology.

A number of folding carton producers are already considering working with CITO ULTIMATE rather than Perlinax matrices, because in many cases, the AC 3 Cutter incurs minimal additional handling, which is more than made up for by the consistent crease quality.

Regarding the latest development to emerge from CITO, Jürgen Mariën, CEO of the CITO GROUP, said: "I have been dealing with the subject of creasing technology for nearly 35 years, and I have seen the adoption of a number of great developments in practice. The CITO ULTIMATE system is the result of years of development activity, and it naturally gives me great pleasure that we have achieved such great success with it. It is just wonderful to realise how our development team's work is appreciated by our customers all over the world."

*Jürgen Mariën*