

**FLEXOR® 520C+ installed at Emerson Polska Ltd.  
- 520mm wide slitter rewinders from Polish manufacturer EMIS Ltd.**

Believed to be the first slitter rewriter of its type in Eastern Europe, EMIS Ltd. (est. 1995) has successfully installed a 520mm wide slitter rewriter with an autoregister die cutting unit, the *FLEXOR 520C+*. The machine was installed at Emerson Polska Ltd., the largest independent Lettershop in the CE Region.



The *FLEXOR 520C+* features servomotors as well as state-of-the-art electronic components which facilitate unsophisticated control while providing extremely consistent web tension using CMC Controls Ltd Ultra tension transducers and controller. The possibility to use magnetic cylinders of up to 26" and rolls of up to 50" offer all possibilities for customers demanding high volume output and an economic solution.

EMIS Ltd., the Warsaw based manufacturer of slitter rewinders and post press equipment, has successfully launched its *FLEXOR®* product line for the flexo industry early last year. With its major success of the standard *Flexor 380C+* slitter rewinders EMIS managed to capture the majority of the market in Poland within one year. All *FLEXOR®* machines are built according to the industry's highest standards with components from world leading brands. 'Our philosophy is to offer customers state-of-the-art technology, short delivery times combined with a reasonable price tag without compromising quality', comments Adam Robak, International Sales Director at EMIS Ltd.

The *FLEXOR 520C+* offers Emerson more efficiency, low running costs and an economic solution in an already highly demanding market. Emerson, which by investing in the *FLEXOR 520C+* machine, makes a major move into flexography with an economic solution without compromising quality offering its customers more possibilities, higher quality and a higher output.

"I was impressed by the technical level and the quality of the slitter rewinders EMIS manufactures. In my opinion, at present, it is one of the most innovative and fastest growing slitter rewinders manufacturers in Europe.".... Jerzy Paluch, Vice-President of Emerson Polska.

The unwind tension control was supplied by CMC Controls Ltd. By working closely with the CAD designer of this forward thinking machine manufacturer, CMC Controls Ltd. solved several of the design problems using standard items.

The CMC tension controller has a small front panel footprint, and is easy to fit. With a simple clear display and single control knob, the operator has no problem in setting the correct tension for the web. The resulting constantly maintained tension improves the print / die cut register, allowing the machine to be run at maximum speed, without frequent operator intervention.

The CMC "Ultra" tension transducers are fitted onto an existing roller. These cost effective transducers produce a higher output signal level compared with traditional designs, offering the major advantages of long cable lengths and high level of noise immunity.

By using a standard air-cooled disc brake, the overall cost has been kept to a minimum, in keeping with the required performance and budget.



CMC Controls Ltd. tension controller on the front panel of the Flexor520C+ with the two CMC Ultra tension transducers positioned just before the splice table.