The best of two market leading technologies
EMG eMASS® & DUMA-BANDZINK

The integration of the strip stabilisation EMG eMASS® with the DUMA-BANDZINK Air-Knife is an example of a successful combination of two market leading technologies for increasing the product and process quality in coating lines.

In addition to the main advantages of EMG eMASS® this combination provides the following further advantages for you:

- optimum synergy between air-knife design and strip stabilisation system
- highest metallic coating accuracy reachable
- best basis for closed-loop control
- increased control of the coating process
- best technical solution with regard to maintenance and lip cleaning
- integration of EMG eBACS for strip edge control
- noise reduction
- enhanced joint strip approach procedure

If you are interested in using the integrated solution or a strip stabilisation system in your line, please contact us!

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eLexIS Group
EMG eMASS®

Stable strip in hot-dip coating lines

EMG eMASS® is a turn-key system for stabilising high speed ferromagnetic steel strips based on electro magnets. The system is installed above the air knife as close as possible to the air knife lip which wipes off the liquid metallic coating. The improved strip shape and the reduction of strip vibrations through EMG eMASS® lead to the following advantages:

- homogeneous metallic layer thickness across strip width and along strip length
- stable passline of the strip and reduction of the "crossbow"
- reducible distance between air knife and strip
- potential for saving of metallic coating
- focussed, reliable production of low metallic layer weights in hot-dip coating lines
- less air and nitrogen consumption
- higher strip speed

Based on the experience of more than 40 successful eMASS® installations worldwide EMG is your ideal partner for solutions in strip stabilisation.