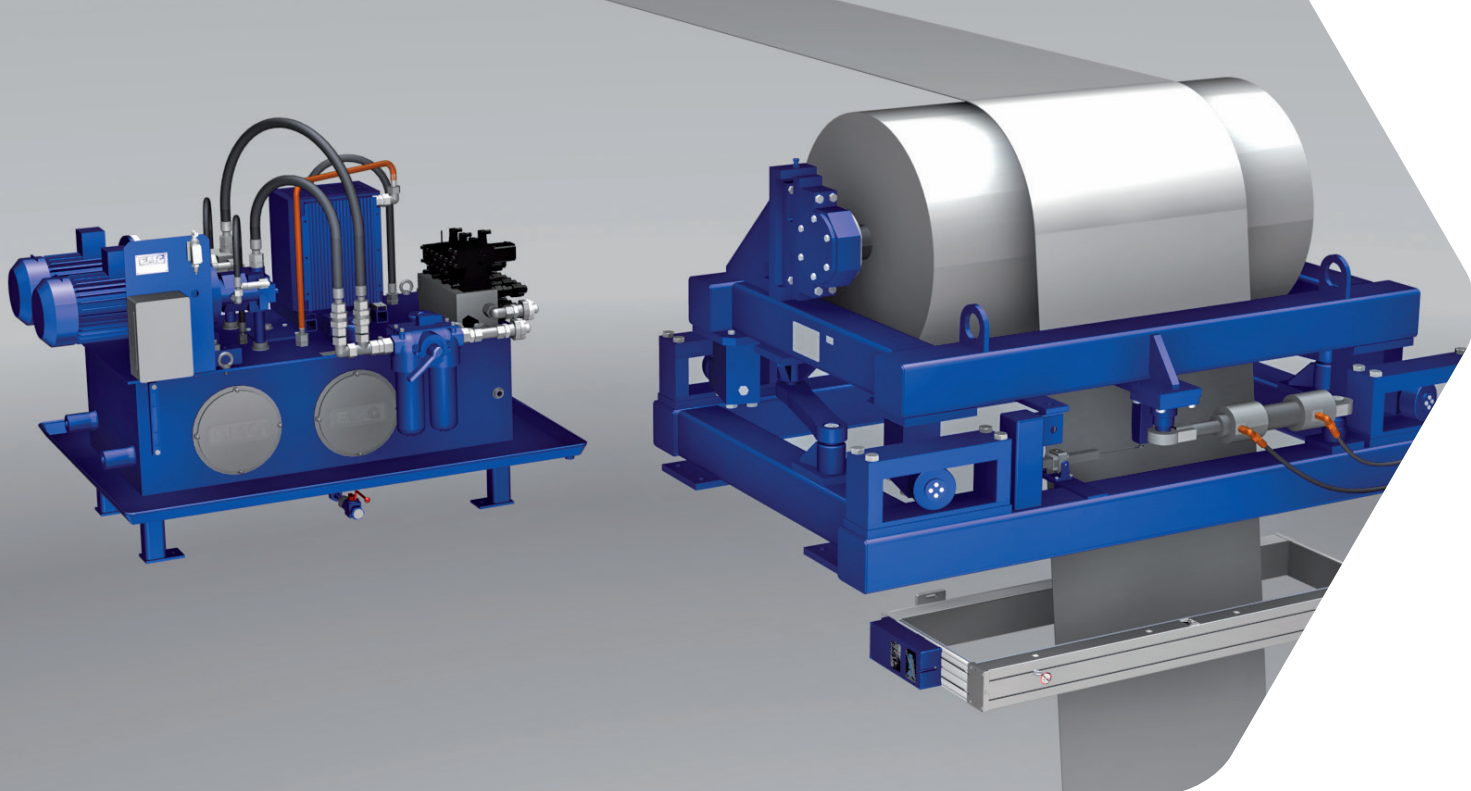




EMG Strip Guiding

Proportional integral steering guide

The function of the SRH steering unit is to feed the strip in a well centred manner into the strip accumulator.

Application:

Following travel over a long free strip entry span, major strip deviations may be corrected on a 90° deflector roll equipped with this guiding system, making use of the advantages of the wrapping effect. For the exit span, twice the maximum strip width is sufficient. In the case of long entry and exit span, the system can also be used together with a 180° deflector roll.

Function principle:

The tilting frame with its deflector roll is guided by two steering levers so that a suitable combination of the angle between the strip and the roll axis (I portion) and lateral displacement of the strip (P portion) is achieved.

In addition to obtaining the exact position of the strip at the exit, a centring effect is also achieved at the entry span.

