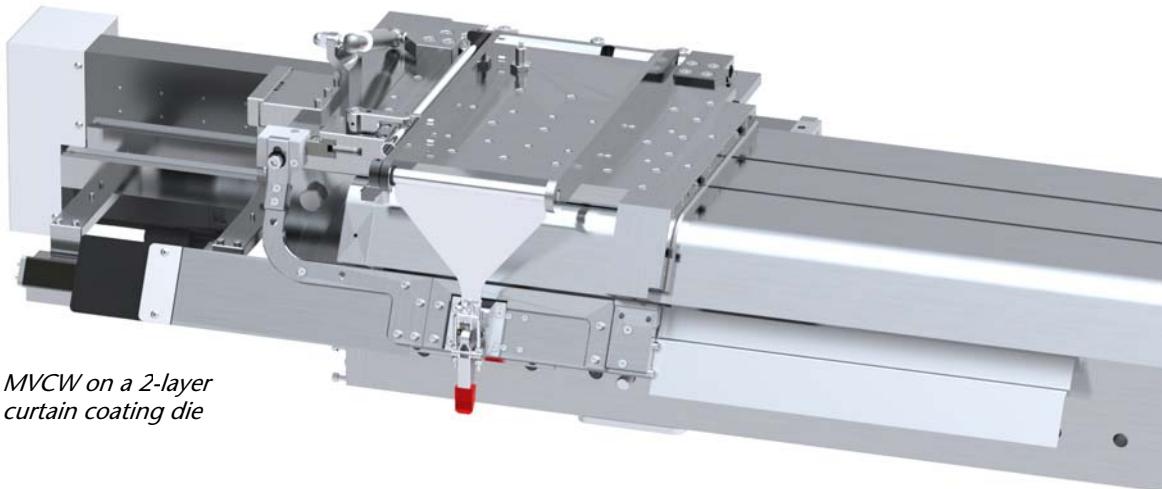
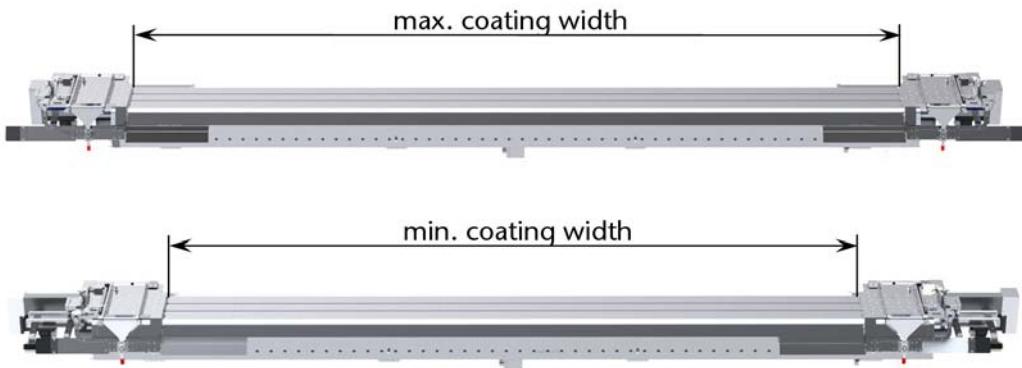


Motorized Variable Coating Width (MVCW)



Driven by market demand for a wide product assortment as well as smaller production lots, our customers are more and more forced to change the production widths very frequently. Due to the long non-operation periods during width changes, the converter line efficiency becomes very low while on the other hand our customers have to continuously increase their plant efficiency in order to cope with the cost pressure. To have an option available for our customers with curtain coating slide dies, TSE has developed the MVCW system, which can adjust the coating width motorized, continuously and fully automatic. The different coating widths can be set by the same system and the many parts being necessary for conventional width components

changing can be covered by the MVCW, thus making the spare part management easier and less costing. The changeover time could be reduced at one of our customer plant from 4 hours to only 12 minutes with the MVCW system. Furthermore, the risk of damaging parts due to improper handling could be eliminated. An integrated flushing system is cleaning the insertions during the process of width changing. The movements of the MVCW are pneumatic and motorized while sensors are controlling the movements. The development team of TSE Troller AG has designed and industrialized this system in close collaboration with its customers.



Sample of a MVCW with a width adjustment range of 600 mm