

Rotating slitter blades

Valmet supplies a variety of high-performance paper and board machine winder and sheeter slitters as well as coater and supercalender trimming slitters. Available slitter materials range from tool steels to advanced powdered metal alloys and hard metals.

Top slitters

Valmet top slitters are made from high-quality materials produced according to extremely precise tolerances, enabling maximum durability and slitter changing intervals.

The long lifetime of the slitters improves winder capacity and increases productivity. Longer grinding intervals reduce the costs of purchasing slitters and grinding, as well as reducing dusting.

SilentBlade top slitters

Valmet has developed a new top slitter design called SilentBlade, based on a patented flexible design and a slitter ring made of high-grade powdered metal. SilentBlade works particularly well with board grades and all high-wear grades where minimal dust is also an important consideration.

Bottom slitters

All Valmet hard metal bottom slitters have hardened carriers that protect the bottom slitters from damage when the top slitters jump their track. This feature ensures bottom slitter safety, the proper operation of automatic slitter positioning, and good bottom slitter quality against the sheet.

Off the shelf or made to order

Valmet stocks the latest top and bottom slitters for all



Valmet, Metso and Wärtsilä winders, along with the most common winder types from Jagenberg, Voith, Bruderhaus, etc. The availability of other slitters needs to be checked on a case-by-case basis.

Safety

Safety is always an important consideration when using or handling rotating slitters. Operator safety is ensured through

- using OEM dimensioning specifications
- using proven slitter materials and designs
- fastening slitters with OEM components and appropriate maintenance of holders
- protecting sharpened slitters and use of slitter shipping boxes
- wearing appropriate gloves and other protective gear during slitter changes and adjustments.

Material	Benefits
Tool-grade steel	Corrosion resistance Good dimensional precision
Powdered metals	Excellent wear resistance Good grinding properties Homogenous microstructure
SilentBlade	Reduced noise Reduced dust

Wear and impact resistance, regrinding properties

Benefits of the slitters