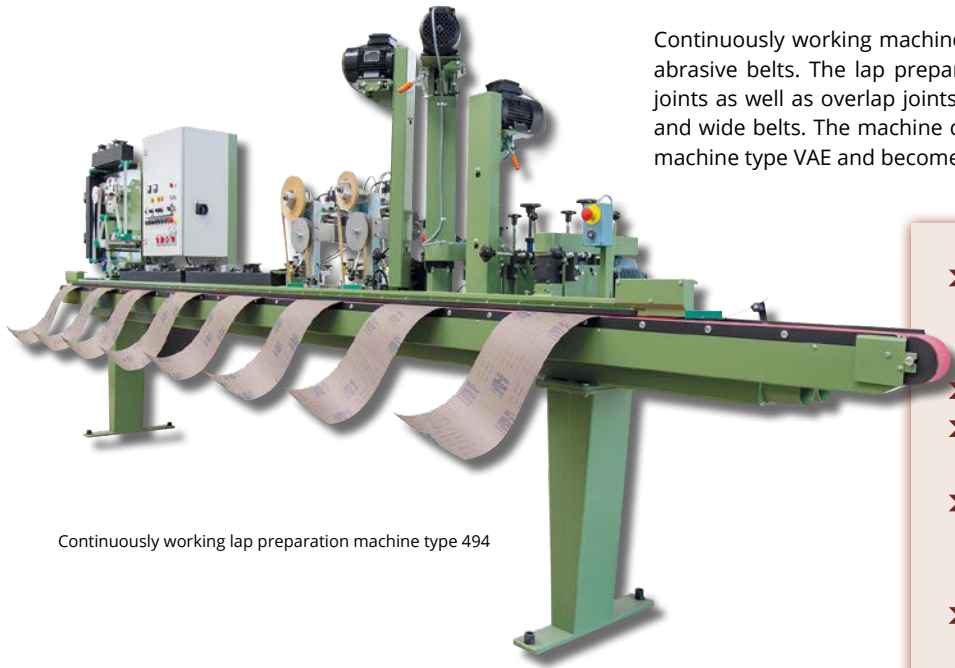


SINCE 1962
Coated Abrasives Conversion Equipment
made in Switzerland

Continuously working lap preparation machine type 494

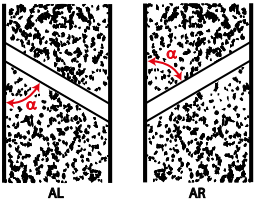


Continuously working lap preparation machine type 494

Continuously working machine for efficient preparation of the joints of endless abrasive belts. The lap preparation machine type 494 is able to produce tape joints as well as overlap joints and is perfectly suited for processing short belts and wide belts. The machine can be combined with the automatic cut-to-length machine type VAE and becomes a powerful, semi-automatic belt production line.

- » Can be equipped with several scuffing and gluing aggregates as well as with drying stretches and an automatic tape applicator
- » Standard working direction from right to left
- » Material is passing through with grain side up or down (for tape joints and overlap joints)
- » Standard inserting stretch of approx. 500 mm
Extension of inserting stretch of approx. 1000 mm for wide belts available on request
- » Two-speed drive in different speeds (depending on the joint type)
- » For joint direction type AL

Joint directions



Joint directions type AL and AR (seen from the grain side).
Type AL for lap preparation machine type 494.

General information

- Several machine lengths for different numbers of aggregates:
 - 494/4500 for approx. 5 scuffing and gluing aggregates as well as 1 m drying stretch and tape applicator.
 - 494/5000 for approx. 7 scuffing and gluing aggregates as well as 1 m drying stretch and tape applicator.
 - 494/6000 for example up to 7 scuffing and gluing aggregates as well as 2 m drying stretch.
- For narrow and wide belts in all common materials or non-woven material.

Scuffing aggregates

- Aggregate type D/DU
For skiving the grain with a diamond cup wheel (for overlap joints or top skive). The aggregate type D is working from the top and type DU is working from the bottom. The aggregates can be adjusted precisely in all directions to ensure an optimal processing of each material.
- Aggregate type C
For grinding and scuffing with an abrasive belt parallel to the joint (working from the top). The aggregate can be adjusted precisely in all directions to ensure an optimal processing of each material.
- Aggregate type P/PU
For pointing or scuffing with an abrasive belt, a wire brush or other tools. The aggregates are working from the top (type P) and from the bottom (type PU). The aggregate works at an angle to the joint. The angle should correspond to the joint angle of the belt.
- All aggregates can be easily adjusted in height, forward/sideward inclination and angle. The aggregates can be easily integrated in the working process by pushing them forward or backward and can be set for repeating applications.
- More than one aggregate of the same type is often used when working with large machines or double lap preparation machines. This possibly allows a preparation of both lap ends in the same working process or an easy conversion when changing the joint type.

Gluing aggregates

- Aggregate type G/GU
The gluing aggregate works with a driven glue applicator roll and supporter roll. The aggregate type G is working from the top and type GU is working from the bottom.
- Aggregate type LS/LSU
Glue spray head that allow various settings like spray pattern, inclinations, distances and glue quantity. The glue spray head type LS is working from the top and type LSU is working from the bottom.

Drying stretch/Tape applicator

- The drying stretches are necessary to ensure an effective working with tape applicator type FAS. Thanks to the tape applicator type FAS the tape will be automatically glued, dried, applied on both lap ends and finalized by a flush cut.
- Further information can be found on our website: Products/Joint preparation.



Aggregates



Tape applicator type FAS