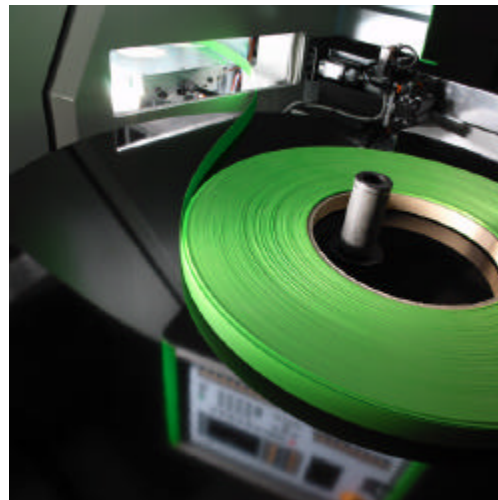


Complete customisation with the Artech Akron 800 single sided edgebanders

The Akron 800 series is a line of automatic edgebanders available in various lengths, entirely customisable in terms of machine compositions and performance. The high level of automation and the innovative technological solutions adopted enable the user to select a machine that will perfectly comply with present and future needs. The Akron 800 offers productivity, efficiency and flexibility in banding any type of edge from thicknesses 0,4 to 15 mm.

Today the furniture market is characterised by a large variety of panel materials and dimensions as well as a variety of banding strips to apply. Production batches are becoming smaller and more varied and existing edgebanding machines are not always able to cope efficiently with the flexibility required. Akron 800 offers the necessary characteristics to these meet these needs.



Technological solutions include automation, provided by the numerical control, for instant changes in machining operations simply by calling up the program required. The new concept working units combine Multifunction abilities and automatic processes that eliminate downtimes since there is no need for test runs when changing machining operations. With the Akron 800, the command from the CNC operating unit leads to the desired result, without compromises.

Particular care has been given to researching solutions that provide the best quality finish, both from a technological and practical standpoint. The synergy among the Biesse group has resulted in innovative, efficient and extremely reliable applications.

Akron uses straight guides with ball blocks on all its working units, ensuring precision machining and adjustment, long-term reliability and extended working life, even in the most arduous working conditions. Great care and attention has been given to the suction system. This also applies to the dynamic working units such as the rounding unit and the end trimming unit, which translates into maximum efficiency and reliability.



The operating units offer functions and solutions that create new, higher standards in the methodology of machine set-up and change over between edge types. A few examples are given by:

1. Tekno-glue system (for the glue unit), which simplifies the regulation of the amount of glue to apply on the panel,
2. Auto-set system (for the pre-milling unit) optimises the wear and tear of the cutter and automatically adjusts the tool position when working post & soft/ formed panels of different thicknesses,
3. Flex system (for the end trimming unit) eliminates the manual regulations needed when changing edges, profiles and panels,
4. Multifunction system (for tilting trimming unit) capable of executing the trimming on 4 different types of edges with a command from the NC and without manual interventions.

The purchase of an Akron 800 guarantees avant-garde performance for furniture production.