SCHELLING

Cut-to-size saw ch 6 / ch 8

The Perfect Option for Cutting Strips

The changes in furniture production have significantly increased demand for fast, high-performance cross-cut saws. Schelling is accommodating this development with an individual product segment: **the ch design series.** In this product series, Schelling offers a complete program of cross-cut saws.

The spectrum ranges from simple cross-cut saws with purely manual operation to cross-cut saw solutions which are integrated into production lines through to complete cross-cut saw systems with automatic feed systems and sorting and stacking systems. The ch 6 / ch 8 product group is based on the already established Schelling cut-to-size saw fh 6 which already guarantees the highest quality, fastest cycle times and maximum availability.

Maximum material protection

- Coated polyamide rollers for all roller tables
- Teflon-coated stop systems
- Hard chromium-plated machine table (optional)

Fastest cycle times thanks to optimal workflow

- Minimal material takeover time thanks to the shortest tracking of the next strip
- Short positioning path of the pressure beam and the saw carriage
- Optimized waste disposal for small and large pieces
- Cut-synchronous part separation after the cut

Perfect cut quality and precision thanks to high-quality mechanical engineering

- Flat guide system with central cleaning
- Patented evolution saw carriage design for perfect cuts
- Wear-free steel machine table for life-long cut precision
- Strip alignment both at the roller table and on the pressure beam

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With the ch 6 / ch 8, solutions for induvidual sheet and book cutting can be offered. In order to fulfill all aspects in the area of cross-cut saws beyond infeed, sorting and stacking solutions, Schelling developed innovative, optional components for the ch 6 / ch 8:

Strip-width sizing unit

Especially for worktop manufacturing, strips often need to be cut to width before the cross cutting procedure. For this purpose, Schelling has developed a special width-sizing unit built into the roller table before the cross-cut saw.

This optional saw can accommodate the full width of the cross cut saw (= cut lenght), allowing for infinite sizing of the strip width. Waste is automatically disposed of after the cross cutting process.

Dual Feeders

In order to increase the output of the saw further, especially when cutting individual strips, a dual feeder system can be implemented. With this system it is possible to cut and transport two strips – even with different cross sections (staggered cutting pattern) – next to one another in the saw. Thanks to this feature, output can be nearly doubled as compared to a single feeder system.

Edge scorer

With the optional edge scoring unit, optimal cut quality is achieved for post and or soft formed edges. The edge scoring unit cuts into the panel or into the book of material laterally at the side of the saw blade but exits before the cross-cut process.

It has the capability to prescore the entire height of a book of material, either as a straight cut or a contour copy cut. The straight cut is usually used for straight edges, the copy cut for shaped edges.

Detailed info about ch 6

Cutting lengths: up to 2,300 mm
Strip lengths: up to 6,100 mm
Cutting height: up to 144 mm
Saw motor power: from 21 kW
Output: up to 18 pieces cut into individual strips with dual feeder