



STÖRI MANTEL

...when machines understand you



FLS 170/210 ARROW I
One blade rip and formatting saw

One blade rip and formatting saw FLS 170 / 210 ARROW I

Technology FLS – solution for your company!

An increasing cost of wood and production costs together with a demand for a high quality of wood, short delivery time, flexibility of production, and all this with a fulfilment of a high quality of the product, not only small, medium-sized even large companies have to deal with these problems.

A possibility of an enormous saving is located in these issues. Every millimetre of saved wood or minimization of waste contributes positively to an increase of profit of the final product.

After fulfilment of various requirements for massive wood processing, very large workpieces or special technologies for division of plastic and metal as well as an optimization of production capacity, company STÖRI MANTEL offers within technology FLS a comprehensive model line of rip saws for lengthwise cutting. This broad line is represented by FLS Standard, FLS ECO, FLS ARROW I, FLS ARROW II, FLS SPEED, FLS RP.

Highly appreciated by our customers is our model FLS Arrow I. It increases wood yield, labour productivity and value of wood with a special regard to purity and accuracy of cut. A priority is simplicity in handling, and it ensures and grants high security in operation.

Functional description and specifications:

Sawn material put down by the operator on the worktop, is cut lengthwise by movable aggregate with the saw blade. After the cut is finished, the saw blade retracts under the work table, and the whole aggregate passes to the initial position. Using the rear longitudinal backstop (ruler) at the same time comes to transfer of the cut material on a new value of the width of cut.

Advantages:

- universal usage and application in wood processing plants as well as in carpentry firms, production of packaging material, windows, doors, stairs, etc.
- application for massive wood processing (prisms, planks, beams, boards) and very large workpieces
- high level of security of work
- lengthwise ripping, oblique applicable for longitudinal cut, angled cut, cross cut as well as mitre cut
- simple handling of the machine by a single person
- individually regulated safety slats
- high speed and accuracy of individual cuts
- high level of flexibility during processing of different-sized products
- increase of yield using laser ray
- broad range of options
- compact welded, maximum solid steel construction of the machine frame
- long term verified double guidance of a saw unit for securing of a precise cut

Technical data FLS 170/210 ARROW I

Engine	11 kW or 15 kW
Height of cut	0 - 170 mm/0 - 210 mm
Saw blade	Ø450, 550 mm/Ø650
Clamping diameter of the blade	Ø80 mm
Cut shift	0 - 80/60 m/min
Length of cut	up to 9,2 m, optional up to 16,2 m
Width of cut	standard 450 mm, optional up to 3000 mm
Work height	850 ± 10 mm /900 ± 10 mm
Outside dimensions	length of cut + 2200 mm
Width	1250 mm (standard)
Extraction	160 mm
Required extraction speed	25 - 30 m/s



Contacts:

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Woodworking
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