

STÖRI MANTEL



**CROSS-CUT SAW
UKS 400 / UKS 700**

YOUR TRUST AND CONVENIENCE IN WOODWORKING



■ **Contacts:**

Tel.: 00420 571 603 774

Fax: 00420 571 604 183

E-mail: info@stoerimantel.cz

www.stoerimantel.cz

■ **Post address:**

756 51 Zašová 439, Czech Republic

Production:

Průmyslový areál, U Trati 2619

756 61 Rožnov p. R., Czech Republic

Cross-cut saw UKS 400 / UKS 700

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The basis of quality lateral cut in wood is the strong structure of the cross-cut saw and the modern technical design. High work safety, long machine service life, and quality servicing support demands are more and more added to these parameters. Our company summarises all these requirements in saws UKS 400 and UKS 700. In the entire Europe, more than 300 of our shortening saws are working today. And their number increases.

The Saw Principle

Cross-cut saws of the UKS series are machines designed for wood and wooden material shortening. The basis of the structure is the solid welded frame, fitted with a tilting arm with the saw aggregate. The movement of the arm is secured by the pneumatic cylinder with continuously regulated speed of travel into the cut.

Work Safety

The machines meet strict requirements for safety according to European standards and binding Czech regulations. Besides the basic safety elements, we offer a lot of complementary equipment in the form of complete covers, ejecting pneumatic shields, etc.

Conveyors

The UKS cross-cut saws can be complemented with several variants of conveyor systems:

- Fixed tables
- Roller systems (without the drive)
- Driven roller systems
- Belt conveyors
- Multidirectional rollers
- Ball tables for high loads

Measuring Systems

The overall production capacity is significantly increased by quick determination of the length of the shortened material. As a complementary device, we therefore produce and offer several manners of accurate setting of the cutting dimensions:

- Fixed stopper - manually adjustable at the rule of the roller conveyor
- Digital system of the stopper - with fast and accurate length selection (manual setting of each dimension)
- Fully automatic NC system - computer setting of the cut with automatic stopper, filing of produced assortments, piece lists, yield program, bar code printer, etc.

Table of parameters

Saw	UKS 400	UKS 700
Cut parameters	According to the cutting diagram	
Motor	5.5 or 7.5 kW	5.5 or 7.5 kW
Disc diameter	500 x 80 (standard) or 550 x 80 mm	
Machine dimensions		
Width	800 mm	920 mm
Height	1440 mm	1600 mm
Length (depth)	780 mm	1320 mm
Machine mass approx.	300 kg	500 kg
Extraction	2 x 120 mm, 30 m/s	

Special Structure

Upon a wish of the customer, we produce cross-cut saws in non-standard design designed for specific production technologies.

Other structural options include:

- Roller table for simpler movement especially of heavier materials
- Built-in belt conveyor for automatic movement of the cut material
- Tilted structure of the saw for shortening material with rapid movement
- Structural modifications for incorporation into lines
- Increase of cutting parameters... and similar

UKS Saw Cutting Diagrams

