

UNDER-TABLE CROSS-CUT SAWS



PRECISE

ROBUST

SAFE

ECONOMICAL

EASY TO HANDLE

LIFTING & WORK TABLES
HANDLING & LIFTING DEVICES
GLUING PRESSES
UNDER-TABLE CROSS-CUT SAWS
ROLLER & MEASURING CONVEYORS


IMPRINT


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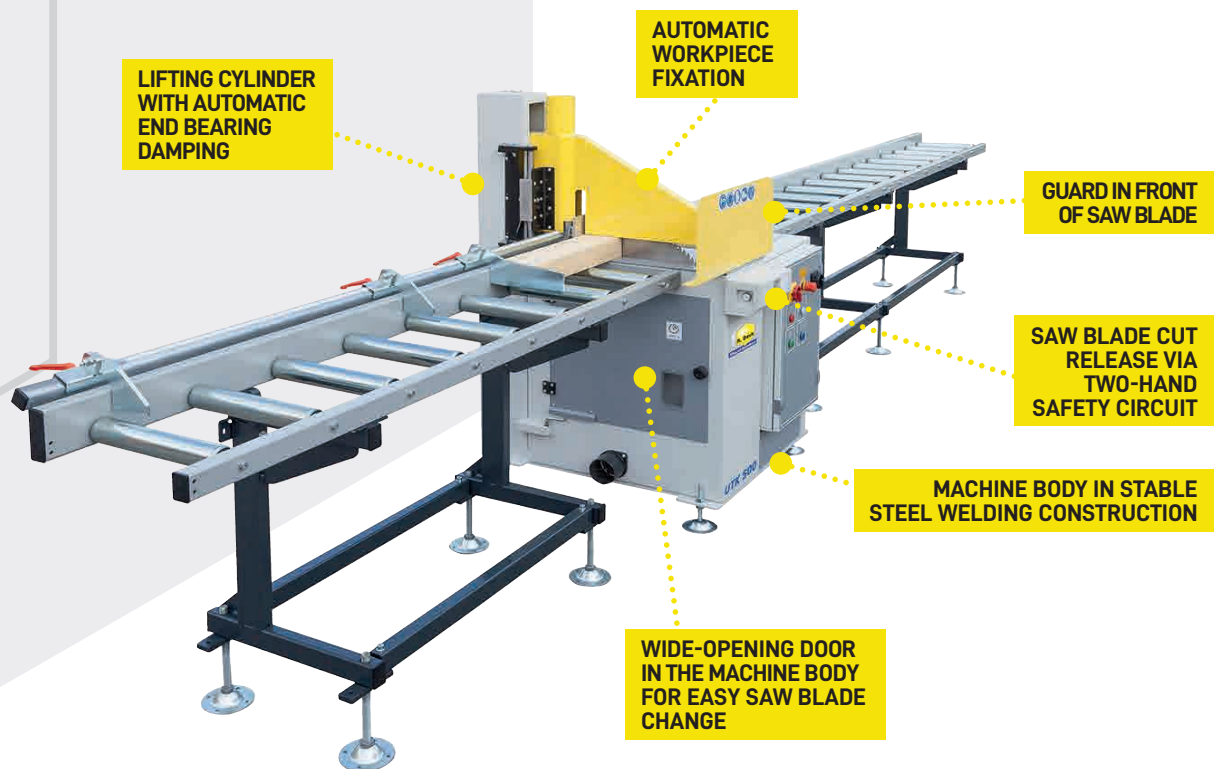
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Business Manager: Reinhold Beck

State: 06/2022

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SAFETY ON THE SAW



UNDER-TABLE CROSS-CUT SAWS FROM BECK

CUSTOMIZABLE FOR ANY APPLICATION.

Four models with different cutting widths and adapted machine performance as well as numerous options: Under-table cross-cut saws from Beck allow individual adaptation to different applications.

- + Machine body in stable welded steel construction
- + Robust bearings on both sides of the saw unit
- + Large, wide-opening door in the machine body for easy saw blade change
- + Pneumatic drive for the saw stroke
- + Lifting cylinder with automatic end bearing damping (shock absorber)
- + Saw blade cut release via two-hand safety circuit
- + Speed of saw blade feed infinitely variable
- + Automatic fixing of the workpiece with each cut
- + Safe and fatigue-free cutting of workpieces, even in continuous operation
- + Optional full protection hood for complete covering of the processing unit
- + Protective shield in front of saw blade
- + Sawing process via pneumatic feed unit – no manual pulling as with standard cross-cut saws
- + Saw blade automatically moves down under the saw table after each saw cut
- + Extensive range of infeed and stop roller conveyors with various stop systems for secure material support and the perfect cut can be found in our brochure via the QR code
- + Electrical switching via rotary cam switch with star/delta starting
- + Replaceable aluminium wear rails in the saw blade area



Scan QR code and download brochure of our roller and measuring conveyors „EXAKT“:
<https://beck-maschinenbau.com/en/products/roller-measuring-conveyors/>

UNDER-TABLE CROSS-CUT SAWS

UTK 350



CUTTING HEIGHT
max. 100 mm



SAW BLADE Ø
max. 350 mm

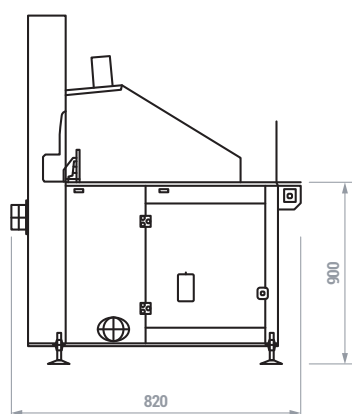
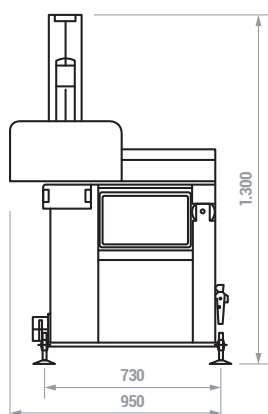


MOTOR POWER
3 kW / 4 HP

Cutting width	max. 230 mm
Saw blade mount	30 mm
Cutting time/stroke	1,5 sec
Speed at saw shaft	3.800 rpm
Air consumption/cycle	approx. 5 L
Suction nozzles	2 x Ø 100 mm
Operating pressure	7 – 8 bar
Weight	approx. 200 kg
Voltage	400 V / 50 Hz / 3 phases
Dimensions	950 x 1.300 x 820 mm

ART. NO.: UTK 19.01

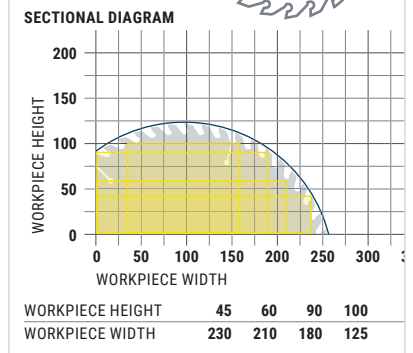
EXTENDABLE: 3m ROLLER
CONVEYOR (EXACT B-ES)
WITH LONG FLIP STOP



SUPPLEMENT WITH ROLLER & MEASURING CONVEYORS

Manually or program-controlled – EXAKT roller and measuring conveyors are an ideal supplement to the under-table cross-cut saws. The work is carried out economically and safely with an excellent result.

EXTENDABLE: 3 m
ROLLER CONVEYOR
(EXACT B-ES)



DIVERSE ACCESSORIES // FROM P.12

UNDER-TABLE CROSS-CUT SAWS

UTK 450



CUTTING HEIGHT
max. 115 mm



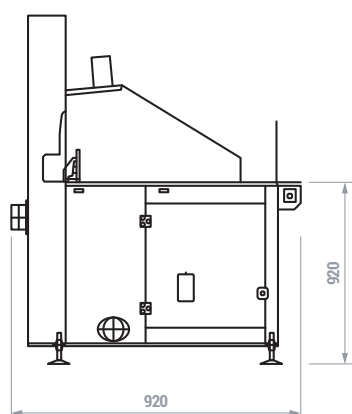
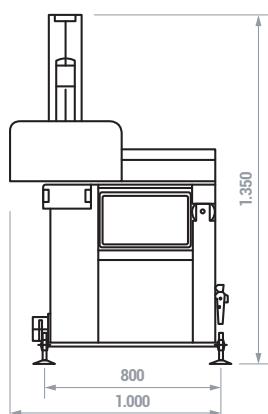
SAW BLADE Ø
max. 450 mm

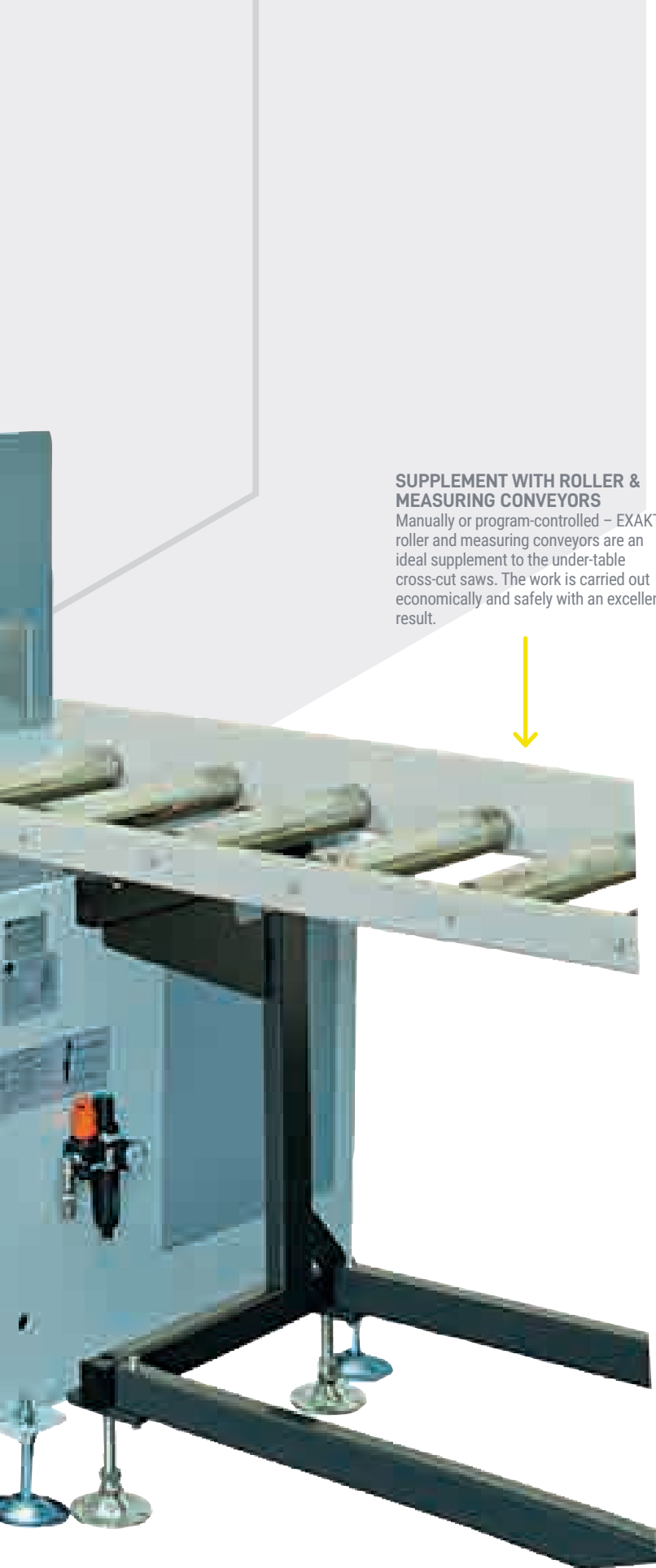


MOTOR POWER
4 kW / 5,5 HP

Cutting width	max. 340 mm
Saw blade mount	30 mm
Cutting time/stroke	3 sec
Speed at saw shaft	2.900 rpm
Air consumption/cycle	approx. 8 L
Suction nozzles	1 x Ø 100 mm 1 x Ø 120 mm
Operating pressure	7 – 8 bar
Weight	approx. 250 kg
Voltage	400 V / 50 Hz / 3 phases
Dimensions	1.000 x 1.350 x 920 mm

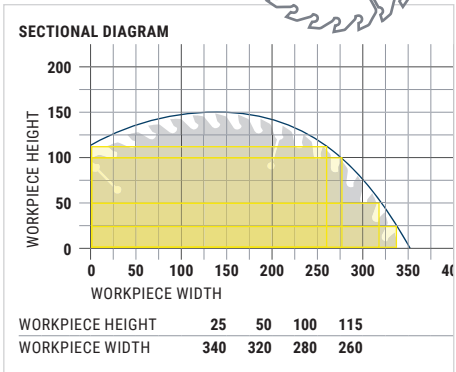
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SUPPLEMENT WITH ROLLER & MEASURING CONVEYORS

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UNDER-TABLE CROSS-CUT SAWS

UTK 500



CUTTING HEIGHT
max. 140 mm



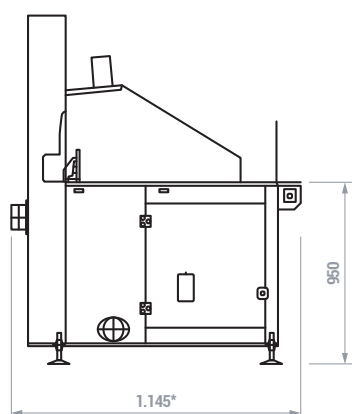
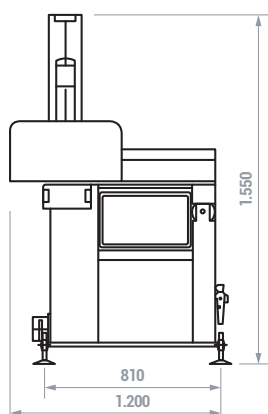
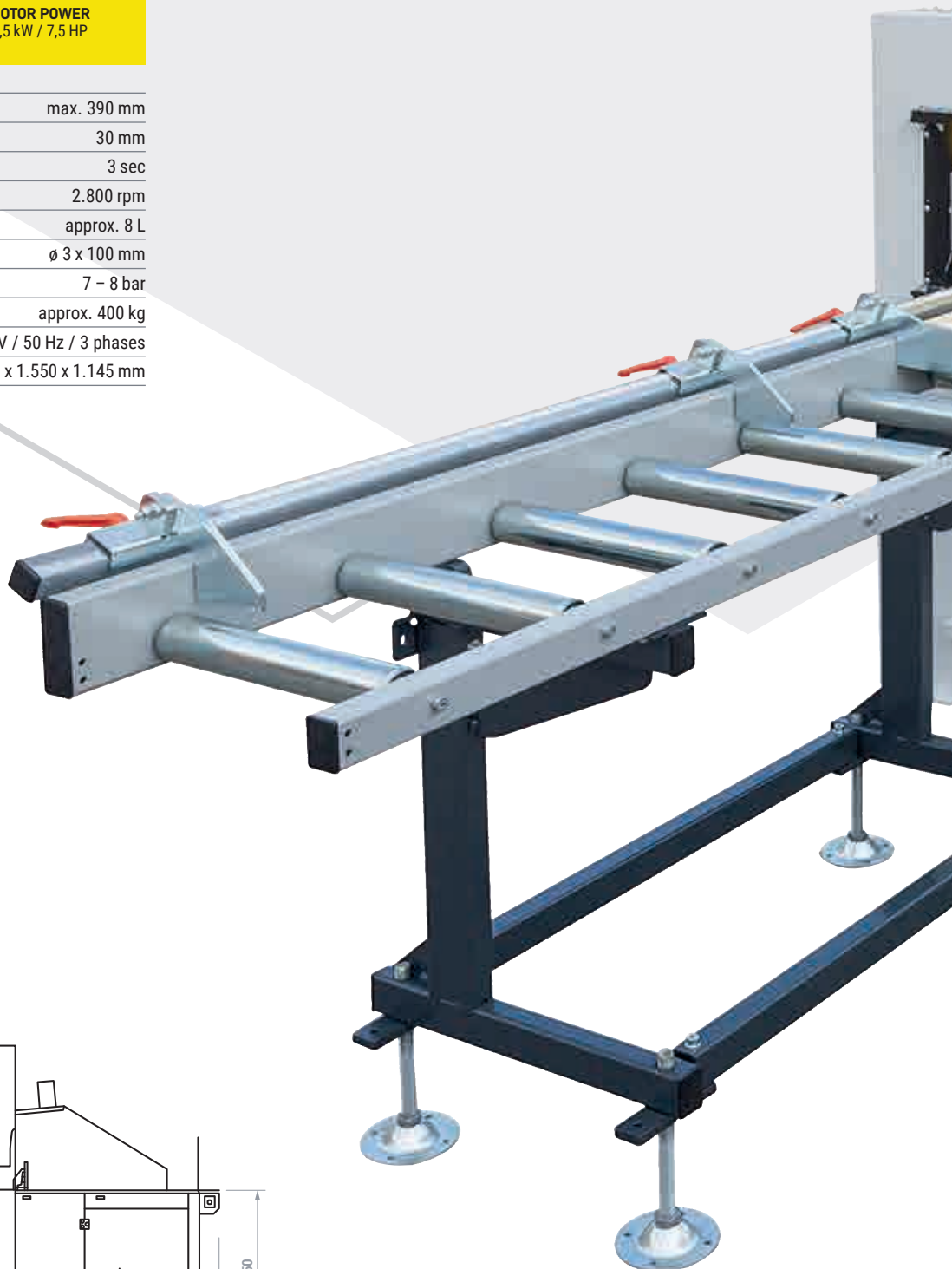
SAW BLADE Ø
max. 500 mm



MOTOR POWER
5,5 kW / 7,5 HP

Cutting width	max. 390 mm
Saw blade mount	30 mm
Cutting time/stroke	3 sec
Speed at saw shaft	2.800 rpm
Air consumption/cycle	approx. 8 L
Suction nozzles	Ø 3 x 100 mm
Operating pressure	7 – 8 bar
Weight	approx. 400 kg
Voltage	400 V / 50 Hz / 3 phases
Dimensions	1.200 x 1.550 x 1.145 mm

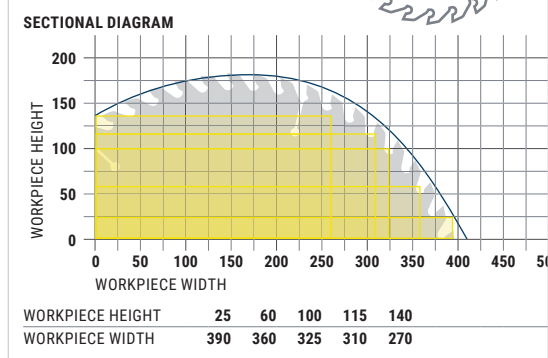
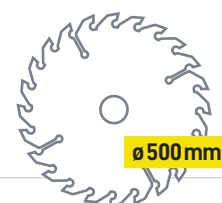
ART. NO.: **UTK 18.01**



* Dimension for machines with pneumatic guard: 1,335 mm instead of 1,145 mm

SUPPLEMENT WITH ROLLER & MEASURING CONVEYORS

Manually or program-controlled – EXAKT roller and measuring conveyors are an ideal supplement to the under-table cross-cut saws. The work is carried out economically and safely with an excellent result.



DIVERSE ACCESSORIES // FROM P.12

UNDER-TABLE CROSS-CUT SAWS

UTK 600



CUTTING HEIGHT
max. 200 mm



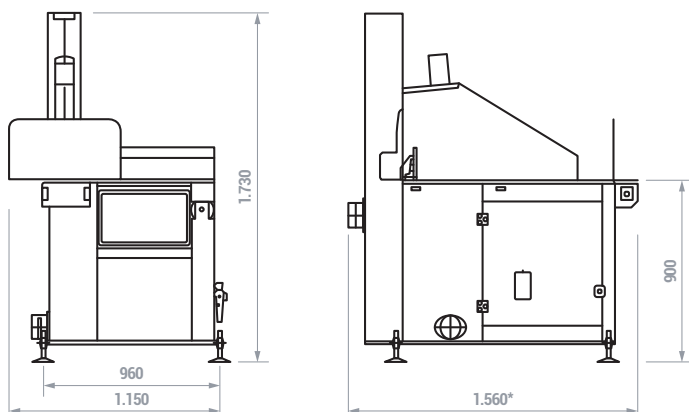
SAW BLADE Ø
max. 600 mm



MOTOR POWER
7,5 kW / 10 HP

Cutting width	max. 800 mm
Saw blade mount	35 mm
Cutting time/stroke	4 sec
Speed at saw shaft	2.800 rpm
Air consumption/cycle	approx. 20 L
Suction nozzles	1 x Ø 100 mm 2 x Ø 120 mm
Operating pressure	7 – 8 bar
Weight	approx. 520 kg
Voltage	400 V / 50 Hz / 3 phases
Dimensions	1.150 x 1.730 x 1.560 mm

ART. NO.: UTK 17.01



* Dimension for machines with pneumatic guard: 1,660 mm instead of 1,560 mm





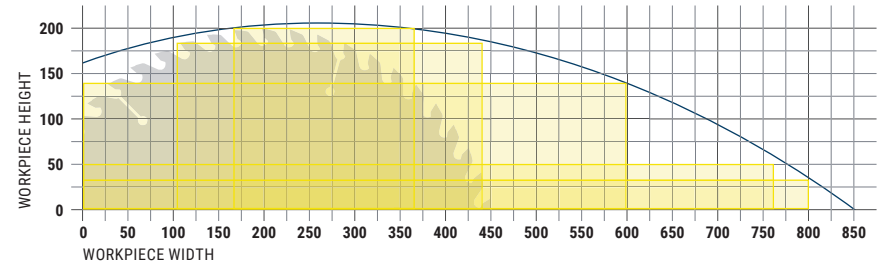
SPECIAL CONSTRUCTION // FROM P.10

SUPPLEMENT WITH ROLLER & MEASURING CONVEYORS

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SECTIONAL DIAGRAM



DIVERSE ACCESSORIES // FROM P.12

UTK 600

SPECIAL CONSTRUCTION+OPTIONS

OPTIMIZED DESIGN

The UTK 600 under-table cross-cut saw has been optimized for this specific task with the necessary accessory elements. The metal tubes to be cut are securely fixed in a special holder during each cut. Both EXAKT roller conveyors are equipped with an easy-to-operate cover. To operate the system, a central control panel is used.



PUSHER SYSTEM

Fully automatic and programmable pusher system.



FOR THE METAL INDUSTRY

Suitable for cutting sheet metal pipes.

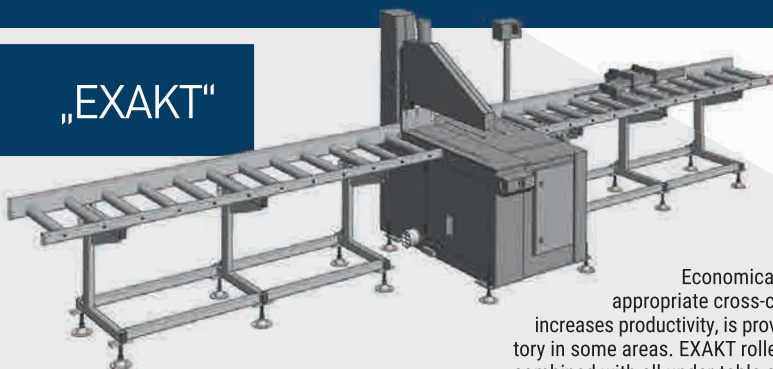


FULL PROTECTION HOOD

Fold-up full protection hood for absolutely safe working on the under-table cross-cut saw.

ROLLER & MEASURING CONVEYORS

„EXAKT“



Scan QR code and download brochure of our roller and measuring conveyors „EXAKT“:
<https://beck-maschinenbau.com/en/products/roller-measuring-conveyors/>

Economical and safe work processes on under-table cross-cut saws require the appropriate cross-cut fence systems, with modern roller and measuring conveyors. This increases productivity, is provided for by the employers' liability insurance associations and is mandatory in some areas. EXAKT roller and measuring conveyors meet all requirements and can be easily combined with all under-table cross-cut saws.



EXAKT E/P



EXAKT A control console



Digital indicator Z58 with 1/10 mm accuracy



PROTECTIVE SHIELD PNEUMATICALLY RETRACTABLE

Allows unhindered access to the workpiece. With integrated safety switch.



OPERATING ELEMENTS

Operating elements double-secured – to be operated with both hands – the saw blade can be set in motion. An adjusting screw regulates the saw blade feed.



PROTECTIVE COVER

The saw blade is automatically covered by a sturdy cover when in operation.



DOWNHOLDER

The automatic downholder fixes the workpiece during the sawing process.



LASER

The practical laser shows the operator exactly the correct position.



PNEUMATIC HORIZONTAL CLAMP

Fixes the workpiece not only vertically but also horizontally.



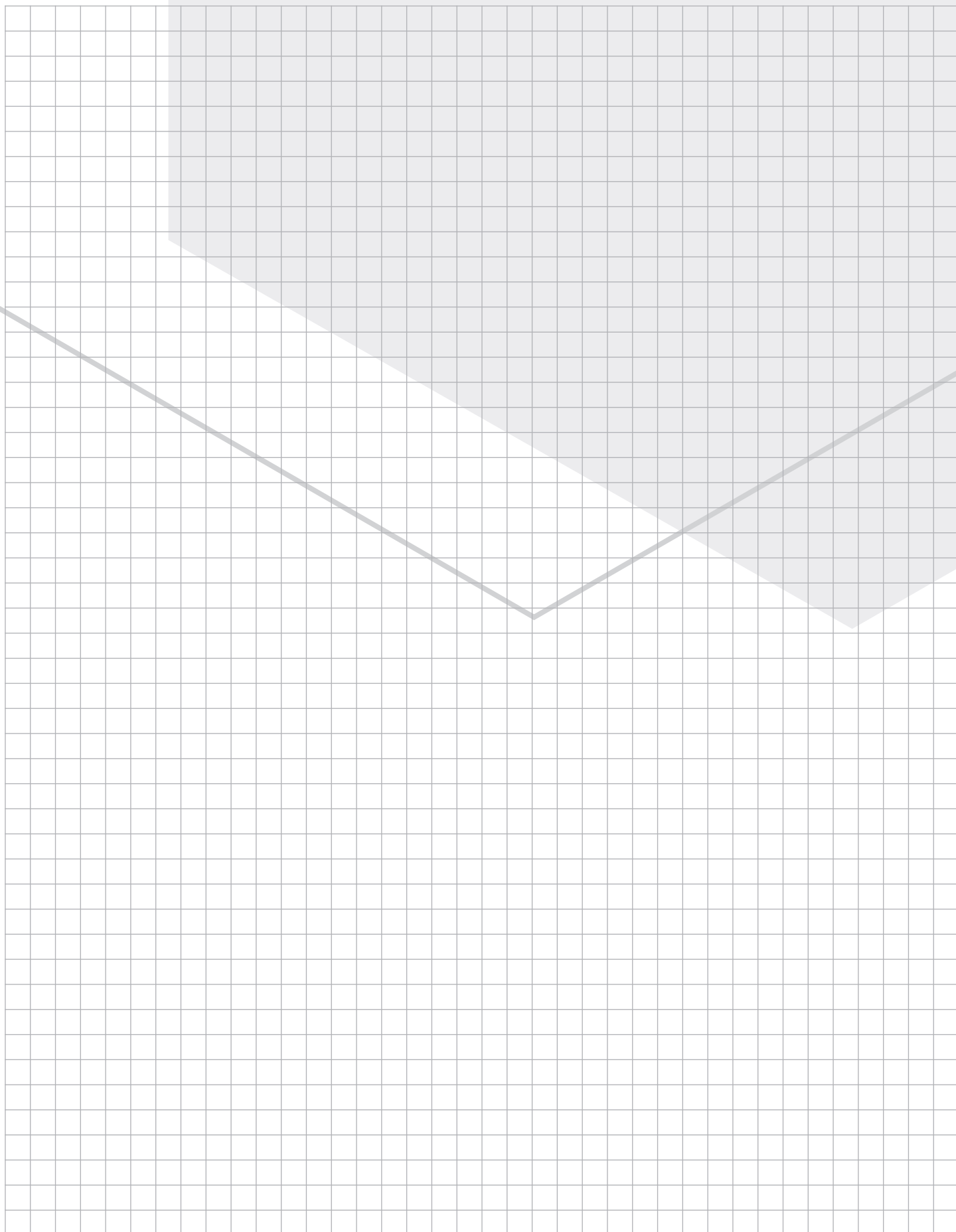
FULL PROTECTION HOOD

For special tasks, Beck under-table cross-cut saws can be equipped with an additional saw guard.



INCLINED MACHINE TABLE

The 10° rearward inclination of the design makes it easier for the workpieces to slide against the stop elements.



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Our showroom in Sigmaringen
(Southern Germany) is a permanent
product presentation where you can
try out our products and machines.
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