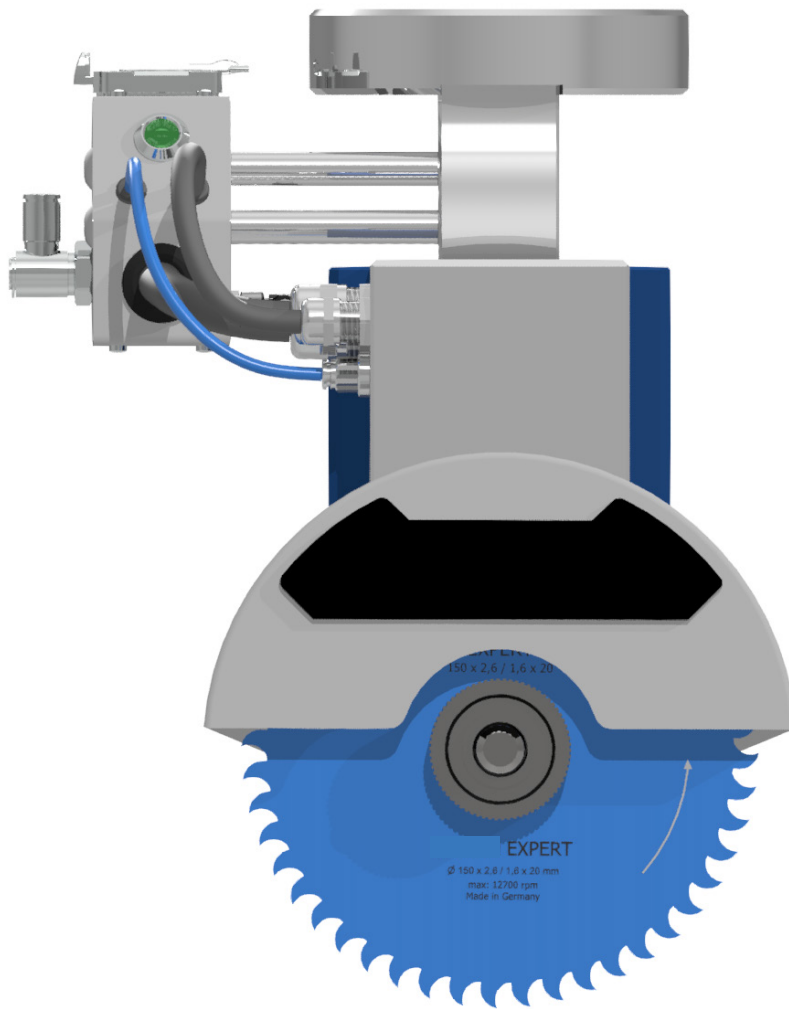


## PRODUCT INFORMATION

# CIRCULAR SAW ERS-150/180



Efficient.Flexible.Compliant.



Saw Blade Ø  
150/184 mm

Cutting depth  
42/60 mm

Weight  
4,3 kg

Motorpower  
1500 w

Speed max.  
6700/5500 rpm

## ERS-Serie – Optimal Circular Saw for Robot use

### For the highest demands in automation

The ERS-150/180 robotic circular saw was specifically developed for industrial applications where efficiency, repeatability, and process reliability are paramount. Combined with modern robot control systems, it enables precise cutting results with fully automated processes.

### Reliable in continuous operation

Designed for 24/7 continuous operation with a robot, the ERS-150/180 impresses with its high durability and consistent performance. It is the ideal solution for production environments with high demands on availability and process stability.

### Versatile Applications

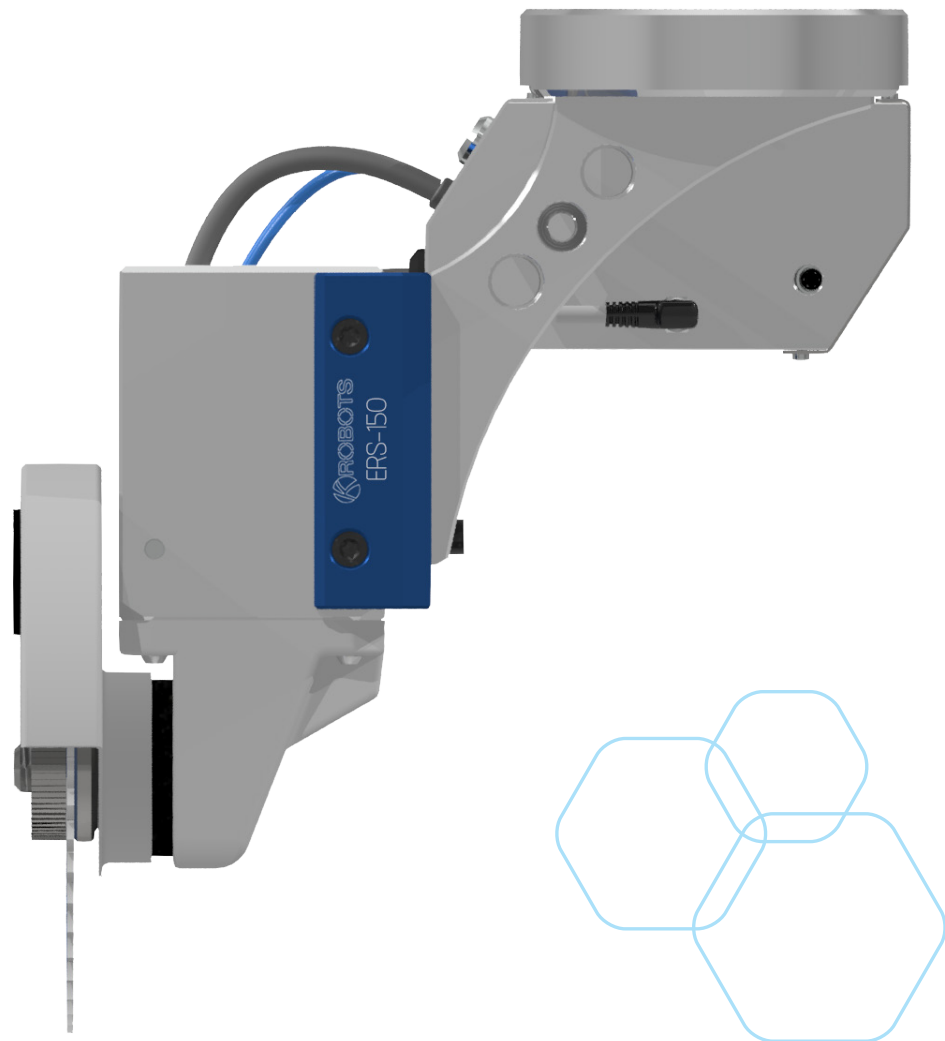
The robotic circular saw is suitable for precise and automated sawing of a wide variety of materials, including: Wood, plastics, and metals.

This provides maximum flexibility for diverse industrial applications.

### High Compatibility

Thanks to various adapters and flanges, the ERS-150/180 is compatible with virtually all common cobot and industrial robot models, including: Yaskawa, Fanuc, ABB, KUKA, UR, Eliterobots, etc.

This enables easy integration into existing production lines.



### Powerful Drive

The ERS series robotic circular saw is powered by a high-performance, brushless electric motor. This ensures high efficiency, durability, and low-maintenance operation. For optimal temperature control, the motor is forced-air cooled with filtered air, guaranteeing reliable performance even in continuous operation.

### Flexible Options

The saw is available in two different versions:

ERS-150: for saw blades up to 150 mm in diameter  
ERS-180: for saw blades up to 184 mm in diameter

These versions allow for flexible adaptation to different applications and requirements.

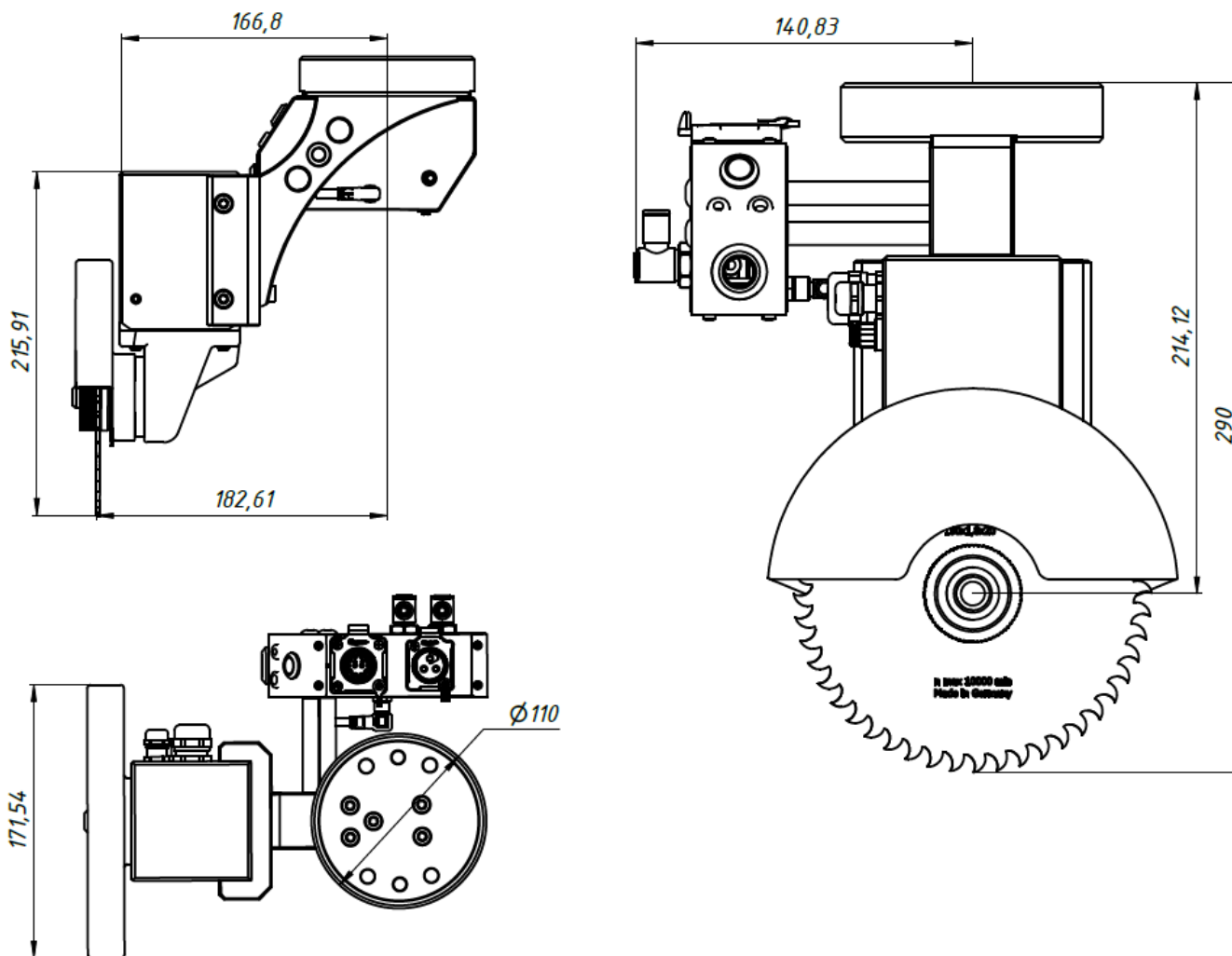
### Compact and Robust Design

The robotic circular saw features a slim and compact design. The sturdy aluminum housing ensures high resistance while maintaining a low weight of under 5 kg. This makes the robotic circular saw ideal for use in automated systems.

### Maximum System Availability

Thanks to its modular design, wear parts can be replaced quickly and easily. This significantly reduces downtime and ensures maximum plant availability while minimizing the need for spare parts.

## Dimensions and Technical Data



## Technical Data :

Designation/Typ		Electrical Robot SAW ERS-150/180
Artikel-Nr.		11003
Saw Blade D	[mm]	150 (ERS-150), 184 (ERS-180)
Motorpower	[W]	1500
Motorspeed (Max.)	[1/min]	6700 (ERS-150), 5500 (ERS-180)
Engine type		BLDC
Motor voltage Max.	[Volt]	20
Speed preselection		Stepless
Operating air pressure (engine cooling)	[bar]	2 (filtered, dry, not oiled)
Standard flange ISO 9409-1		6 x ø80 (Other sizes possible)
<b>Motorcontroller:</b>		
Supply voltage	[Volt]	230
Rated current max.	[Amper]	10
Control line length	[Meter]	5
Power cable length	[Meter]	5
interface		Digital/Analog (0-10 V)
Weight	[kg]	15
Min./max. Ambient temperature	[°C]	1 - 50
Dimensions B x T x H	[mm]	600 x 400 x 200





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