



GREATER EFFICIENCY – REDUCED COST

SAWING SOLUTIONS FOR AGRICULTURAL TECHNOLOGY



AGRICULTURAL TECHNOLOGY – DIVERSIFIED APPLICATIONS – ONE PARTNER

Our competence & experience

With more than 60 years of experience in a wide variety of industries including agricultural technology WIKUS is the ideal partner to help you overcome **challenges**:

- **Wide variety and small batches of product specific manufacturing processes**
- **High quality requirements under high cost pressure not only in prefabrication**
- **Flexible resource efficient production with high productivity (minimal waste)**
- **High delivery reliability and capacity**
- **Integration of 3D printing in manufacturing**
- **Digitization of production**
- **Internationally cross-linked production structures**

We are happy to advise you for every request and will find the correct solution.

Greater efficiency – reduced cost!
Talk to our sawing experts.

Our solutions – your advantages



Manufacturer of high tech tools

Precision band saw blades and circular saw blades for almost all cutting applications



Quality “Made in Germany”

Innovative tools with extremely high quality, process stability, and repeatability



Consulting competence

Cutting tests, cutting costs calculations and analysis, suitable sawing machines



Digitization

Transfer of operating parameters with barcode/RFID, automatized ordering/warehousing processes with Wlstore®



Wikademy® training center

Education, training, development for the complete sawing process in Wikademy®



Global presence

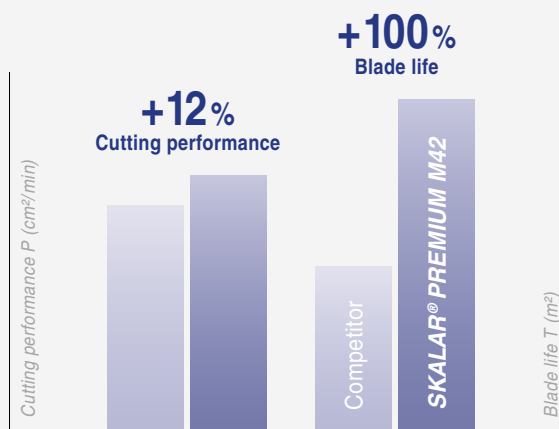
Advice and assistance close to the customer, technical service



APPLICATION EXAMPLES AND PERFORMANCE COMPARISON

Metal cutting of solid materials, increase of cutting performance & blade life

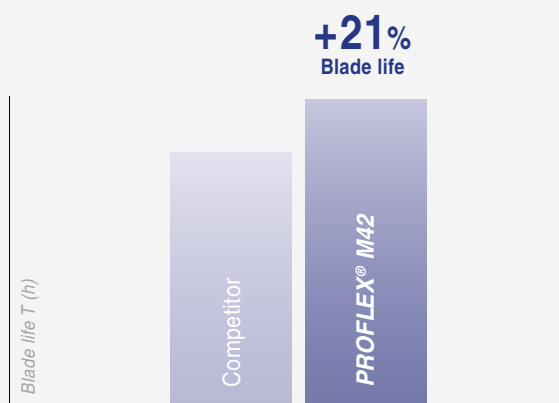
Cutting materials:	Case hardened & tempering steel, mixed operation
Hardness / tensile strength:	266 HB <> Rm 900 N/mm ²
Diameter:	240-460 mm
Band saw blade quality:	SKALAR® PREMIUM M42 Bimetal band saw blade, coated 1.4-1.8 tpi, H
Blade dimensions:	7675 x 54 x 1.60 mm
Cutting speed Vc:	55 m/min
Feed Vf:	23 mm/min



Competition = Ø of tested competitor products
%-data = average values

Metal cutting of pipes and profiles, Increase of blade life

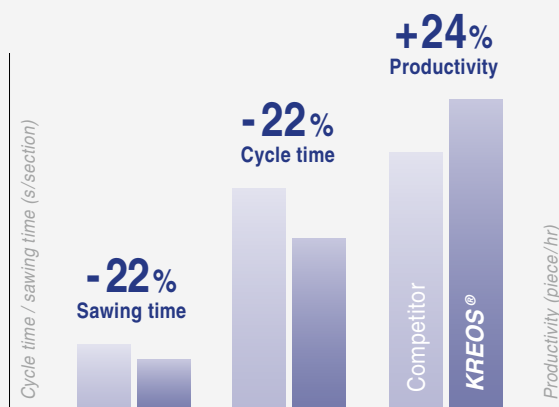
Cutting materials:	Structural steel, S355
Dimensions:	Various dimensions for single, layer and bundle cut
Band saw blade quality:	PROFLEX® M42 Bimetal band saw blade 3-4 tpi, P
Blade dimensions:	8320 x 54 x 1.60 mm
Cutting speed Vc:	80-90 m/min
Feed Vf:	65-80 mm/min



Competition = Ø of tested competitor products
%-data = average values

Metal cutting of pipes, Optimization of sawing time / cycle time, productivity

Cutting materials:	Pipe, seamless, 25CrMo4
Tensile strength:	700 N/mm ²
Dimensions:	36 mm diameter, 4.5 mm wall thickness
Circular saw blade quality:	KREOS® Carbide circular saw blade, Z 144v (variable tooth pitch)
Diameter:	350 mm
Cutting speed Vc:	260 m/min
fz 1 / fz 2 / fz 3:	0.060 / 0.140 / 0.060 mm/Z



Competition = Ø of tested competitor products
%-data = average values

WIKUS' SERVICE PROMISE: CONSULTING AND OPTIMIZATION OF YOUR SAWING PROCESSES

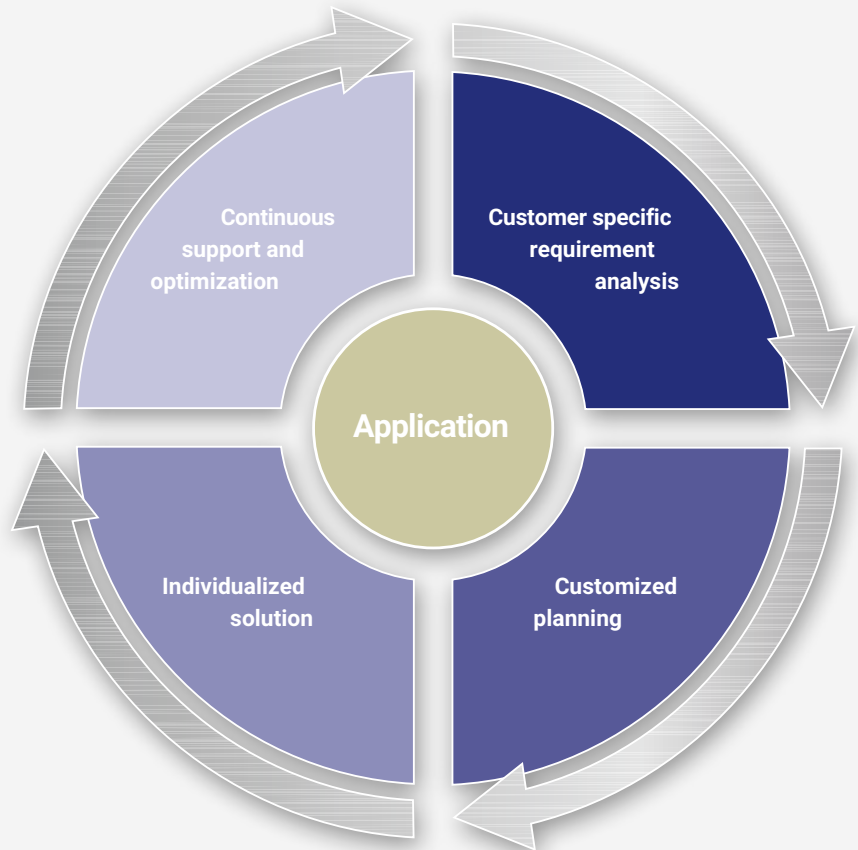
Customer satisfaction and cooperative relations are our top priority. In addition to our high performance product portfolio of precision saw blades and circular saw blades we offer extensive services and consulting services to optimize your sawing processes. Our service portfolio:

Customer specific requirement analysis

- Creation of a common understanding of cutting tasks: objective, material range, machine, application conditions, etc.
- Process analysis such as material supply, sawing process, post-processing, logistics
- Where appropriate, metallurgical cutting material analysis and cutting tests in the WIKUS sawing technology center

Customized planning

- Selection of the ideal sawing tool
- Consulting on investments, e.g. in your machine pool
- Individually tailored training courses to ensure the optimum deployment of the solution





Individualized solution

- Support during initial use of the suitable sawing tool
- Recommendation of optimum cutting parameters for increasing your efficiency and reducing your cutting costs
- Where appropriate, cutting tests at your location including machine checks (components, wear parts, etc.)
- Where appropriate, new or further development of specialized sawing tools for special requirements

Continuous support and optimization

- Competent and solution-oriented technical consultations for technical challenges
- Guidance and technical support for additional improvement of efficiency

SUCCESS STORIES

On our web pages we present selected sawing projects, which we completed in cooperation with our customers and partners.

www.wikus.de/en/why-wikus/success-stories

We gladly provide additional information, ideas and recommendations for your own projects in a personal conversation.

Greater efficiency – reduced cost

Contact our sawing experts.

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**GET IN CONTACT WITH OUR
EXPERTS NOW.**

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Innovative precision tools
designed and manufactured
in Spangenberg, Germany

