

**HIGH PRECISION,  
HORIZONTAL  
PROFILING MACHINE**



## LEIFELD METAL SPINNING AG

Long Term and Trustful Cooperation

- ▶ The confidentiality of our clients plans and data is most critical. Leifeld rigorously applies organizational separation of teams working for competitors as well as several other rules **to protect the confidentiality of all client information.**
- ▶ Similarly, our industry is very competitive and we regard our approaches and insights as proprietary. Therefore, we look to our clients **to protect Leifelds interests in our presentations, methodologies and techniques. Under no circumstances** should this material be shared with any third party, including competitors, **without the written consent of Leifeld Metal Spinning.**



## DEDICATED TO EFFICIENT LOGISTICS

Automotive Industry

### PERFORMANCE FEATURES

- ▶ Production of high precision drive components and superior security technology
- ▶ CNC-driven profiling automat
- ▶ Sophisticated sensor technology
- ▶ Ultra-modern measurement technology
- ▶ Precision of the tools
- ▶ High machine availability
- ▶ Modern robot equipment



## DEDICATED TO EFFICIENT LOGISTICS

Automotive Industry

### BENEFITS

- ▶ Maximum output of more than 300 pieces per hour (brake pistons)
- ▶ High degree of material utilization
- ▶ Minimal space requirements
- ▶ Energy-efficient manufacturing
- ▶ Low reconditioning effort
- ▶ Short tooling times
- ▶ Best machine capability



## DEDICATED TO EFFICIENT LOGISTICS

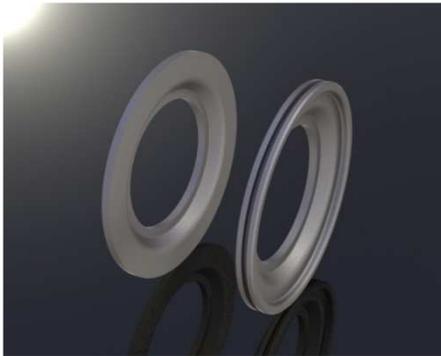
Automotive Industry

### PRODUCTS

- ▶ Vehicle and drive components with gasket notches
- ▶ Brake pistons

### APPLICATIONS

- ▶ Trucks
- ▶ Passenger cars
- ▶ Construction machinery
- ▶ Agricultural machinery
- ▶ Utility vehicles



## DEDICATED TO EFFICIENT LOGISTICS

High-Precision, Superior Security Technology

### PRODUCT

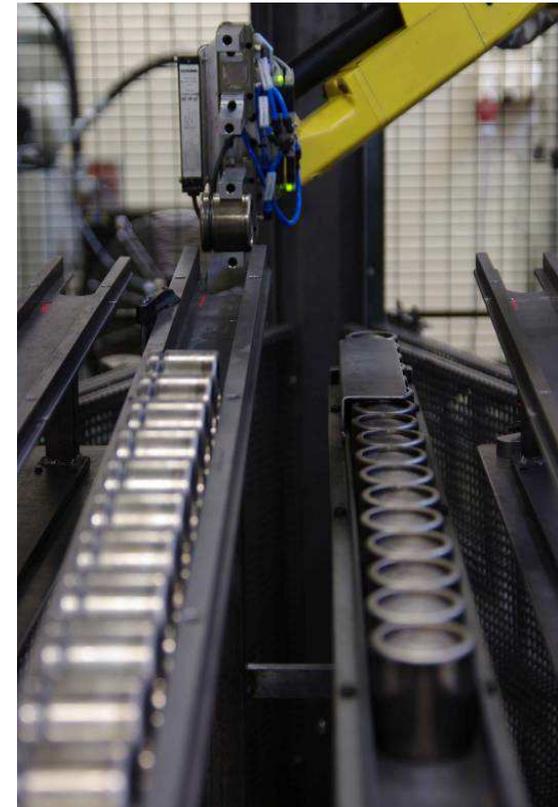
- ▶ Brake pistons

### APPLICATION

- ▶ Passenger cars

### BENEFITS

- ▶ High-precision production
- ▶ High degree of material utilization
- ▶ Highest production process reliability
- ▶ Excellent cycle time and production rate
- ▶ Best machine capability (CMK > 1,66)



## AUTOMOTIVE INDUSTRY

Gasket Notches for Vehicle and Drive Components

### BENEFITS

- ▶ Simplest manufacturing process
- ▶ Short cycle times
- ▶ High performance output
- ▶ High-precision production
- ▶ Precise automating
- ▶ Cost efficient production
- ▶ Closest tolerances



## KSA SERIES

At a Glance

	<b>KSA 375</b>
Outer diameter (max)	60 mm
Outer diameter (min)	38 mm
Length of preform (max)	60 mm
Length of preform (min)	45 mm
Wall thickness (max)	4,25 mm
Main spindle power	28 kW
Hydraulic power	45 kW

MACHINE VIEW – KSA 375



## KSA SERIES

Machine KSA 375



# YOUR CONTACT TO LEIFELD METAL SPINNING AG



DISTRIBUTEUR EXCLUSIF EN FRANCE, ALGERIE, MAROC ET TUNISIE POUR :



6 Allée des Carrières  
Z.A.E Des Portes de la Forêt  
F-77090 COLLEGIEN

Tél. : +33 (0) 1 64 30 92 47  
Fax : +33 (0) 1 64 30 81 92  
Email : info@eckotech.fr  
Site internet : www.eckotech.fr

SARL au capital de 100 000 €  
SIRET : 350 241 378 00016  
Code APE : 4662Z - N° EORI : FR35024137800016  
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