



PRÄZI GROUP

PRÄZI

WE PROVIDE SOLUTIONS WITH STEEL

PRÄZI Flachstahl® | Agrotechnology | Conveyor technology |
Sand-lime brick and concrete block technology

PRÄZI GROUP

PRÄZI-FLACHSTAHL AG

PRECIZ, s.r.o.

PRÄZI-FÖRDERTECHNIK GMBH

PRÄZI-HUNGARIA Kft.

PRAZI PARTS S.R.L.

UNIEMETAAL B.V.



Nils Bracker
Managing Director

“ Our most important goal is your satisfaction! ”

Stability in Movement - we are constantly driving forward the consequent development of our core competencies and the continuous enhancement of our production activities; we are future-oriented. With approx. 750 employees at 7 locations in 5 Western and Central European countries, we provide **steel solutions** that meet your highest demands. Take advantage of our know-how.



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PRÄZI Flachstahl®

Standard program | Special dimensions | Customized production | Hardened guide rails

SUCCESSFUL MANUFACTURER FOR OVER 100 YEARS

We are your partner for speedy delivery of standard dimensions and individual solutions. Our goal is to make your production processes more efficient with our products.

**PRÄZI
FLAT STEEL
FROM
MANUFACTURER.
PRECISE,
EFFICIENT
AND FAST**



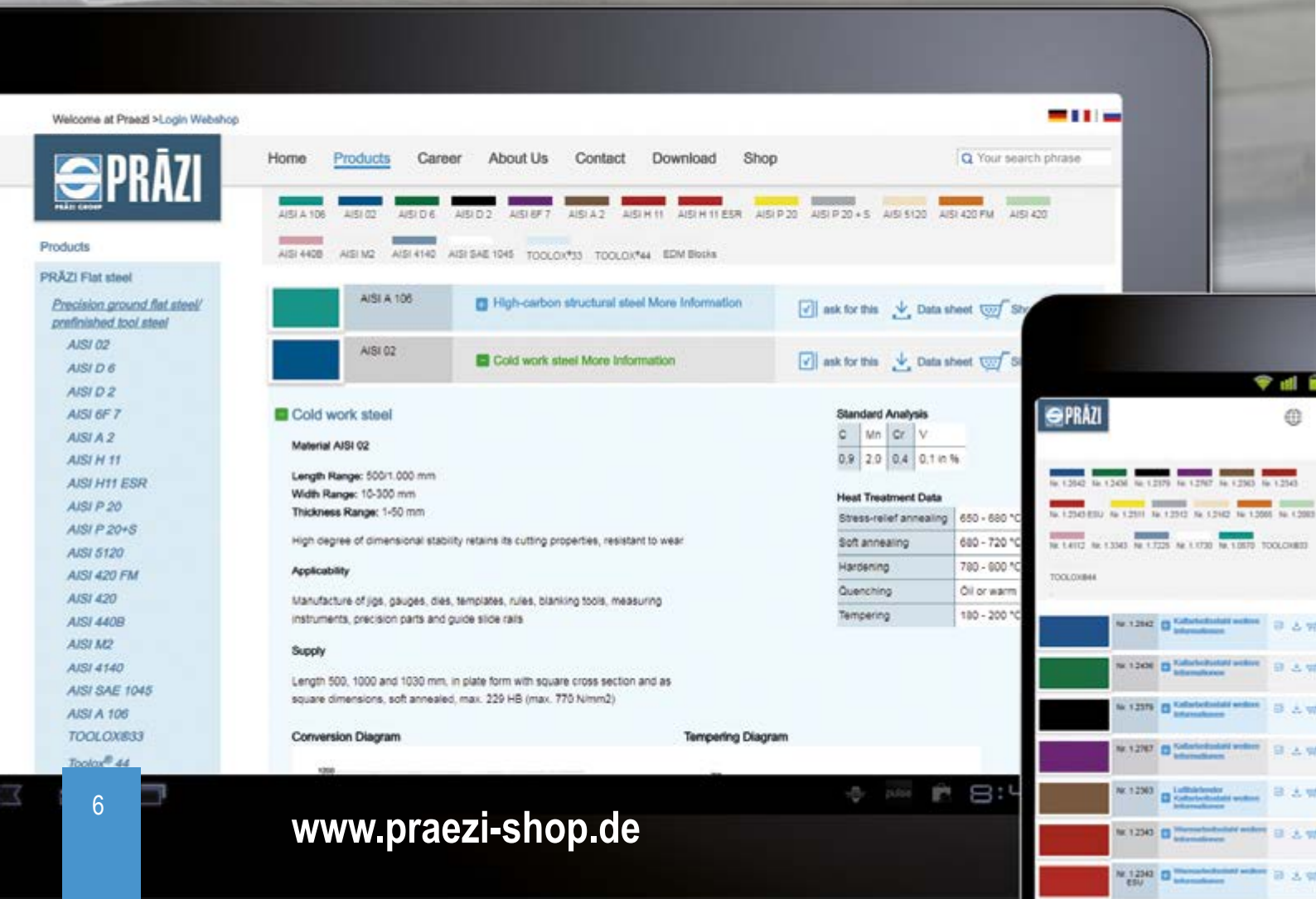
We look forward to hearing from you!

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Standard program

from PRÄZI Flachstahl®



Welcome at Praezi > Login Webshop



Home [Products](#) Career About Us Contact Download Shop

🔍 Your search phrase

AISI A 106 AISI 02 AISI D 6 AISI D 2 AISI 6F 7 AISI A 2 AISI H 11 AISI H 11 ESR AISI P 20 AISI P 20 + S AISI 5120 AISI 420 FM AISI 420
AISII 440B AISI M2 AISI 4140 AISI SAE 1045 TOOLOX®33 TOOLOX®44 EDM Blocks

Products

PRÄZI Flat steel

*Precision ground flat steel/
prefinished tool steel*

- AISI 02
- AISI D 6
- AISI D 2
- AISI 6F 7
- AISI A 2
- AISI H 11
- AISI H11 ESR
- AISI P 20
- AISI P 20+S
- AISI 5120
- AISI 420 FM
- AISI 420
- AISI 440B
- AISI M2
- AISI 4140
- AISI SAE 1045
- AISI A 106
- TOOLOX®33
- Toolox®44

	AISI A 106	High-carbon structural steel More Information	<input checked="" type="checkbox"/> ask for this	Data sheet	
	AISI 02	Cold work steel More Information	<input checked="" type="checkbox"/> ask for this	Data sheet	

Cold work steel

Material AISI 02

Length Range: 500/1.000 mm
Width Range: 10-300 mm
Thickness Range: 1-50 mm

High degree of dimensional stability retains its cutting properties, resistant to wear

Applicability

Manufacture of jigs, gauges, dies, templates, rules, blanking tools, measuring instruments, precision parts and guide slide rails

Supply

Length 500, 1000 and 1030 mm, in plate form with square cross section and as square dimensions, soft annealed, max. 229 HB (max. 775 N/mm²)

[Conversion Diagram](#)

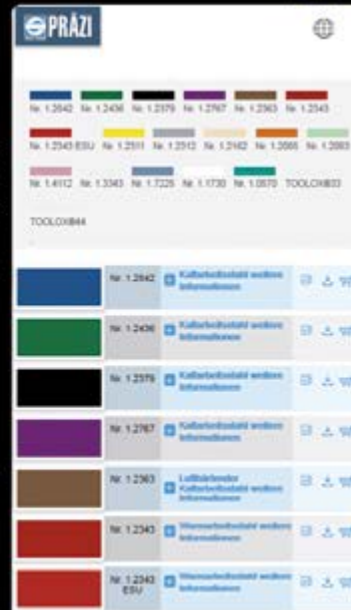
[Tempering Diagram](#)

Standard Analysis

C	Mn	Cr	V
0,9	2,0	0,4	0,1 in %

Heat Treatment Data

Stress-relief annealing	650 - 680 °C
Soft annealing	680 - 720 °C
Hardening	700 - 800 °C
Quenching	Oil or warm
Tempering	180 - 200 °C



WHAT DO YOU WANT TO ORDER?

Precision ground flat steel in accordance with DIN 59350
Precision ground flat steel with machining allowance

YOUR ADVANTAGES - YOU WILL BENEFIT FROM

- maximum stock availability
- quality from our own production

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Special dimensions

from PRÄZI Flachstahl®

YOUR 100 PERCENT PRODUCT UTILIZATION

Design your production processes more efficiently with special dimensions from **PRÄZI FLACHSTAHL®**

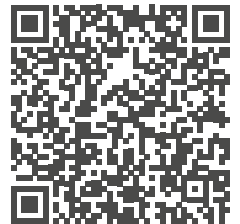


SPECIAL DIMENSIONS FROM MANUFACTURER

We deliver your dimension as desired at short notice.
Use our

**online special dimension
configurator**

at any time.



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Customized production

Durable wear resistance for your PRÄZI Flachstahl® construction parts

WE DELIVER SOLUTIONS WITH STEEL. CHALLENGE US!

**Reliable quality: hardness test, spectral analysis,
ultrasound test and 3D measurement**



YOUR ADVANTAGES - YOU WILL BENEFIT FROM

- our heat treatment process in our own hardening shop
- the greatest possible component precision (around 1/100mm, depending on the work piece)
- short-term fulfilment of specific material requirements
- the availability of factory certificates and test certificates
- modern CNC-controlled machinery for sawing, milling, grinding and measuring



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Guide rails

Hardened guide rails, slide rails and roller guideways manufactured by PRÄZI Flachstahl® according to customer requirements and drawings

IMPLEMENTING INDIVIDUAL LENGTHS USING PRECISELY FITTING JOINTS

Used in large machine tools, press manufacture, general mechanical engineering, automation technology and heavy machining with interrupted cuts



YOUR ADVANTAGES - YOU WILL BENEFIT FROM

- perfect heat treatment with first-class expertise in our own hardening shop
- the production of custom lengths through precisely fitted joints
- the greatest possible component precision (around 1/100mm, depending on the work piece)
- over 50 years experience in producing high-precision guide rails in accordance with DIN 69056 and according to specific customer requirements



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Agrotechnology

Rotation components for the agricultural machine industry

WE ARE YOUR SYSTEM PARTNER FOR CROP FLOW

PRÄZI GROUP has been producing high-quality agrotechnology components for decades. Specialisation and production of rotation components for the agricultural machine industry takes place via constant exchange and joint development with our partners.

PURPOSEFUL SOLUTIONS



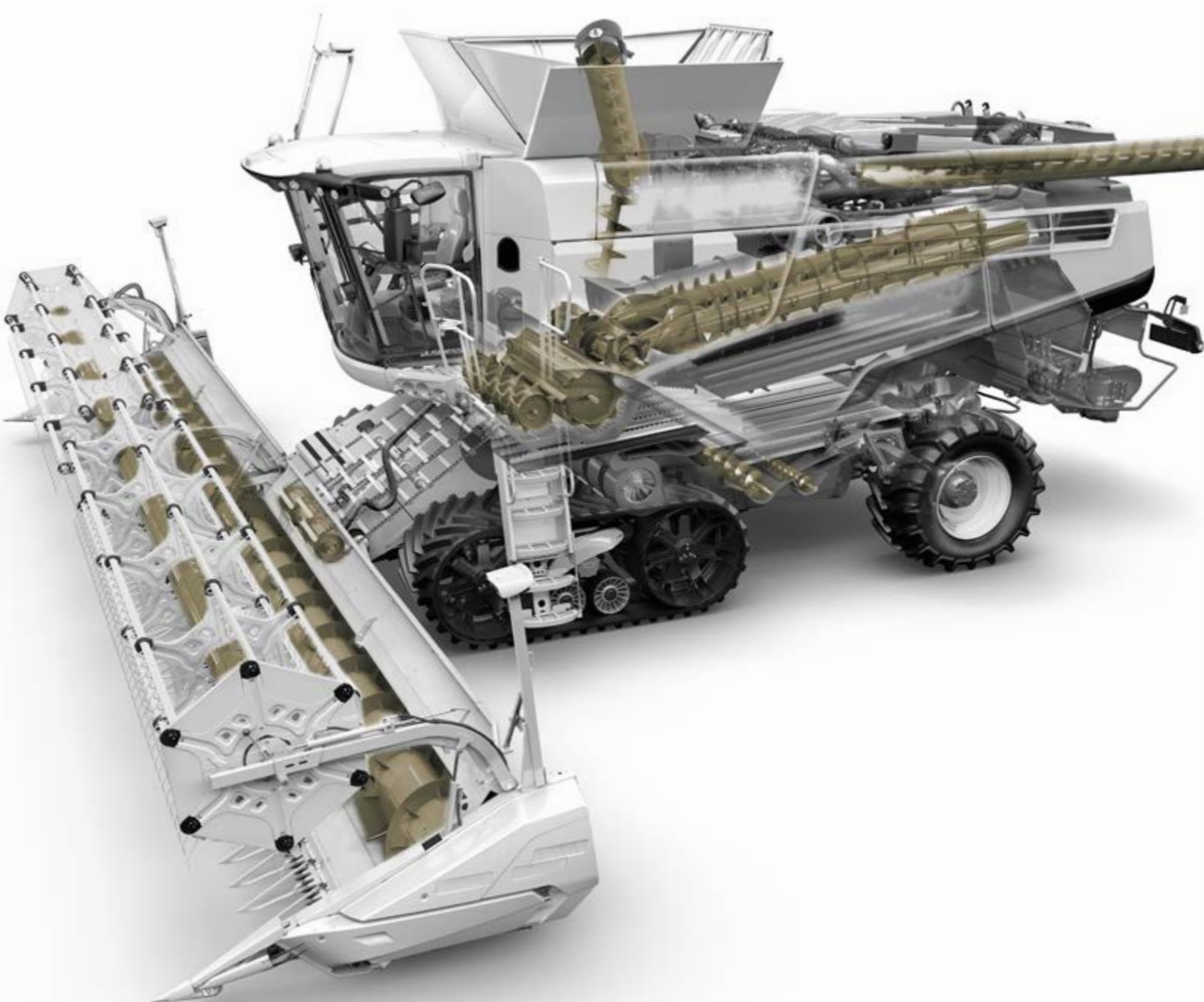
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Rotation components

Feeding, pickup, feed, grain tank and discharge augers |
Treshing, impeller and feeder drums | Rotors | Deflecting and finger rollers |
Conditioners | Crop accelerators | Milling drums | Unloading auger systems



LIGHT, SMOOTH RUNNING AND DURABLE



From the market leader in Europe.



WE SOLVE CUSTOMER-SPECIFIC TASKS

We produce rotation components up to 9 m long and 500 kg total weight for agrotechnology on request. The high-quality components for combine harvesters, harvesting attachments, self-propelled shredders, beet harvesters, potato harvesters and loader wagons are fast moving, balanced and smooth running.



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PRÄZI Conveyor technology

Augers | Conveyor systems | Biomass feed technology | Service and maintenance

MANUFACTURER EXPERIENCE

We supply reliable conveying solutions for granular, powdery and viscous materials for the following industries, among others:

- Agricultural machine industry
- Building material industry
- Food-processing industry
- Chemical industry
- Wood-fired heating systems
- Environmental technology

PRODUCTION AND SERVICE FROM ONE SOURCE



We look forward to hearing from you!

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Endless rolled augers

Standard sizes available from stock and
precise implementation of custom size requirements

PERFECT FITTING WEAR ABRASION

**Endless rolled augers made of ST materials as well
as stainless and acid-resistant steels**



SPECIAL COLD ROLLING PROCESS

Using our special forming process increases the strength of the quality augers by up to 60% towards the outer diameter.

Take advantage of

- optimum wear resistance in everyday use
- maximum stability
- easy handling thanks to low sheet thickness



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Personal project support - direct communication



Spirals

Reliable quality for a wide range of applications

VERSATILE, DURABLE, AND READY TO FIT

Spirals made of standard steels, in rust- and acid-resistant qualities as well as heat-resistant steels



WHAT DO YOU WANT TO TRANSPORT?

Freely selectable diameter from 20 mm to max. 600 mm depending on the material cross section. Our special spirals are used

- in shaftless spiral conveyors
- in machine tools for chip removal
- as stoker augers, ash augers, turbulators and wirbulators in wood chips and pellet heating systems
- in special machine construction, for example for metering technology or sampler
- in waste and sewage sludge technology



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Personal project support - direct communication

Complete screw conveyors

Made of standard and stainless steel

INDIVIDUAL ACCORDING TO CUSTOMER REQUIREMENTS

Customized installation-ready screw conveyors for all applications



WE MANUFACTURE TOP-QUALITY PRODUCTS FOR A WIDE RANGE OF APPLICATIONS

- installation-ready screw conveyors according to your requirements, drawings and structural designs
- highly wear-resistant coated screw conveyors for use with abrasive media



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direct communication

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Conveyor systems

Development, production and service

PROCESS- RELIABLE SOLUTIONS FOR YOUR DEMANDS

We will be by your side throughout your system's lifecycle



OUR SYSTEMS OFFER YOU

- gentle and dust-free transport of your products
- reduced installation space thanks to compact technology
- reduction in maintenance efforts due to external bearings
- modular assembly system and spare-parts available on short-notice
- high energy efficiency of the systems
- customised use of stainless and normal steels, according to intended purpose



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Personal project support - direct communication

Conveyor systems

Systems with a delivery volume of up to 100 t/h



COMPLEX REQUIREMENTS INTELLIGENTLY RESOLVED

Our construction team will develop with you the optimal solution for your conveying requirements.



OUR SOLUTIONS STAND OUT THROUGH

- budget-conscious design
- innovation
- individual configuration with optimised economic efficiency
- personal project supervision



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Biomass feed technology

Our modular system made up of 300 and 500 series screw conveyors



RELIABLE AND EFFICIENT THANKS TO A TECHNOLOGY PROVEN A THOUSAND TIMES OVER

Our Präzi modular system consists of
PRÄZI 300 screw conveyors for traditional substrates and
PRÄZI 500 screw conveyors for highly flexible substrate management.



YOUR ADVANTAGES THROUGH MODERN FEED TECHNOLOGY

In day-to-day activities, energy-efficient operation, highest dependability and very little abrasion lead to high cost efficiency and make the future plannable. Depending on the size of your plant, our PRÄZI systems can be combined with mixers, push floors or other peripheral equipment and can thus be optimally adapted to each individual application.

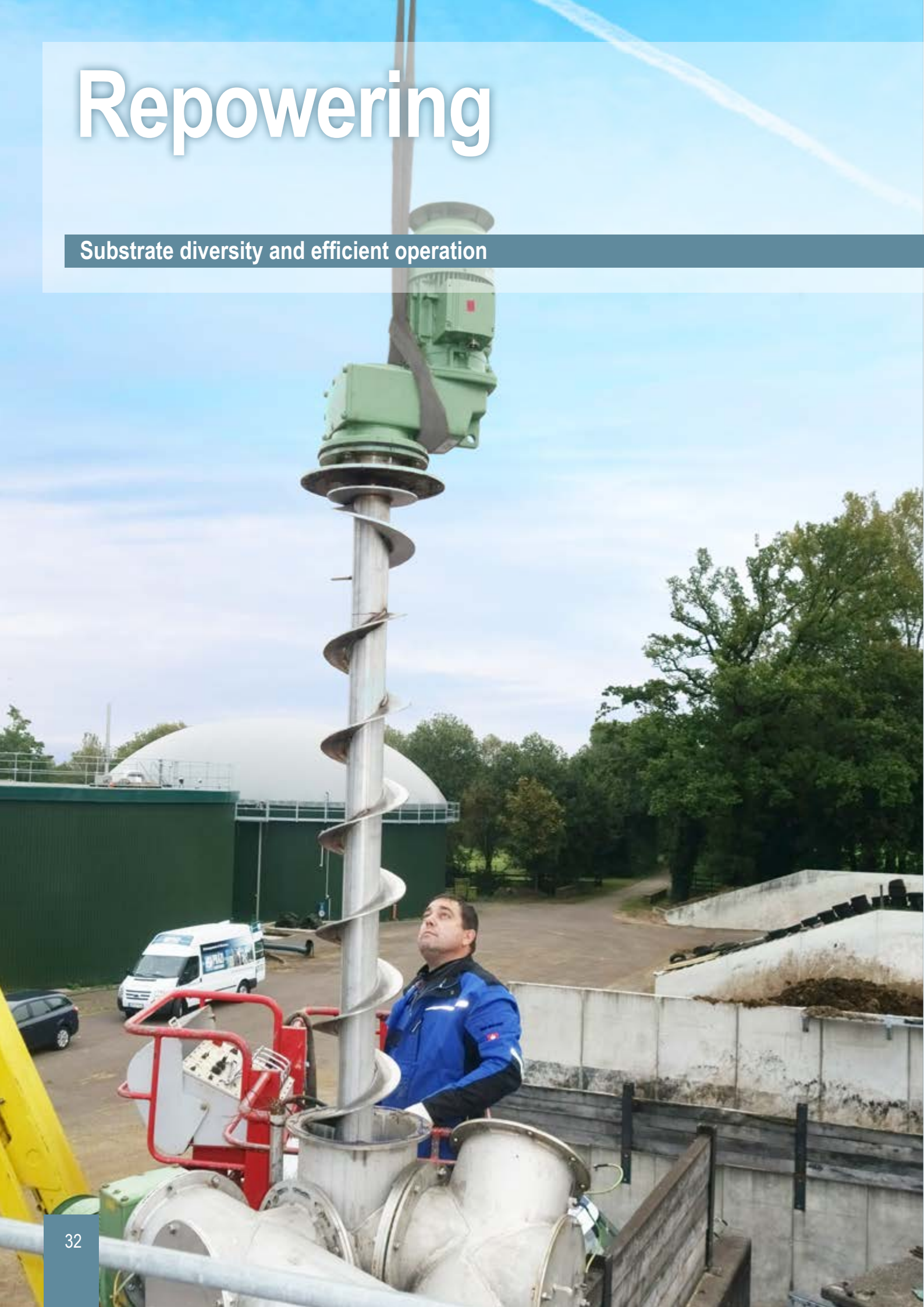


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24h Service Mailbox: 0175 - 692 2770

Repowering

Substrate diversity and efficient operation



FLEXIBILITY IN THE CHOICE OF SUBSTRATES

Efficient operation thanks to flexible substrate selection



CONVERTING TO 500 SERIES SCREW CONVEYORS IN ORDER TO USE A WIDE VARIETY OF SUBSTRATES

A one-time investment in retrofitting guarantees you planning security in the long-term. Apart from PRÄZI's own systems, third-party systems are also suitable for retrofitting. Problems with guarantees and warranties relating to existing works can be avoided thanks to clearly defined interfaces. If space is an issue, the PRÄZI 300S is an alternative. It can be integrated into the material flow and helps optimise feed by breaking up the substrate.



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Service and maintenance

We are there for you!



YOUR PARTNER FOR CONSULTING, SPARE PARTS AND MAINTENANCE

**360° service from one source.
We reduce your system's downtime**



WE ARE THERE FOR YOU, SHOULD YOU NEED US

Replacement parts can generally be at your door within 48 hours, thanks to our well-stocked parts inventory.

Our flexible and experienced personnel are at your disposal to clarify your needs and provide answers to your questions.

If necessary, our well-trained personnel and our optimally equipped fleet of vehicles allow us to react quickly to your needs and problems.



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Sand-lime brick and concrete block technology

Form tools and fittings | Wear parts for sand-lime brick | Wear parts for concrete block

WE SOLVE CUSTOMER-SPECIFIC REQUIREMENTS

The PRÄZI GROUP is your partner for your work with sand-lime brick and concrete block technology. Reduce your production costs thanks to the optimum wear resistance of our comprehensive range of wear parts for the sand-lime brick and concrete block industries.

With our help, you can turn your individual wishes into reality, since we produce according to our customers' drawings and plans as well as to our own designs.

REDUCE YOUR PRODUCTION COSTS



We look forward to hearing from you!

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Form tools and fittings

Low abrasion and long service life



FOR ALL PRESS TYPES AND BRICK FORMATS

Experienced - Competent - Innovative



IMPLEMENTING CREATIVE BRICK IDEAS

- the construction and manufacture of complete form tools for all common press types,
- the production of individual modules such as upper and lower stamps, moulding tables, moulding frames, gripper plates and peripheral components,
- overhaul, retrofitting, repairs and custom production,
- CAD technology for construction and development,
- CNC machining methods and application of special hardening technologies.

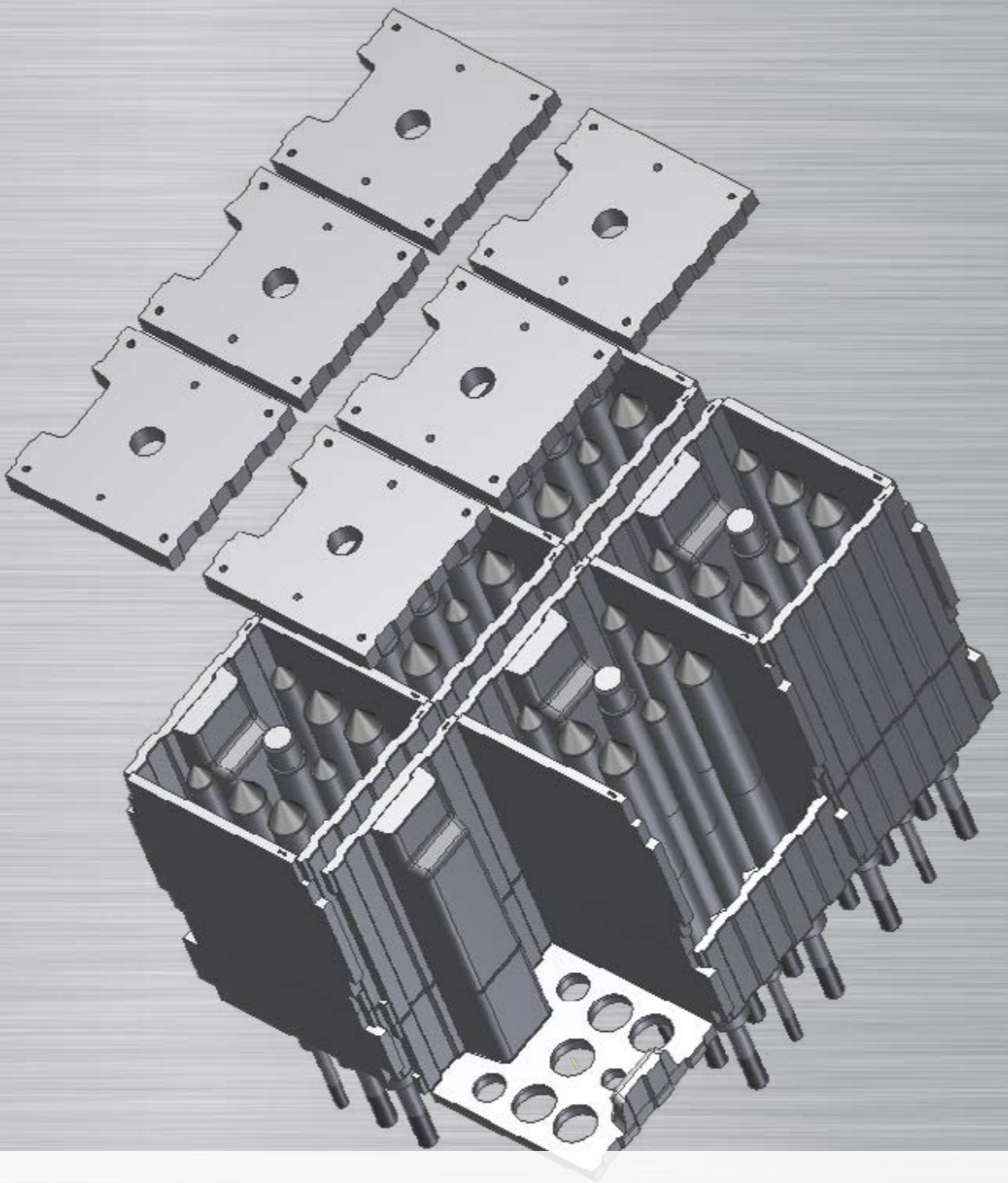


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Wear parts sand-lime brick

Durability through precision

FAST AND RELIABLE DELIVERY FROM STOCK

Highest quality of longitudinal, front, stamp and cover plates, moulding prisms, underarms and mandrels



KEEP YOUR COSTS DOWN

Our patented multi-component system is designed to renew the wearing surface. This brings down your costs tremendously.

For the manufacture of wear parts, we rely on computer-controlled machines and cutting-edge heat treatment technology. Our special hardening process guarantees the outstanding durability of our products.

Give us a call! We would be glad to inform you about our comprehensive delivery programme! The “Placas Y Moldes” plate system, for example, extends the PRÄZI GROUP’s range of form plates.



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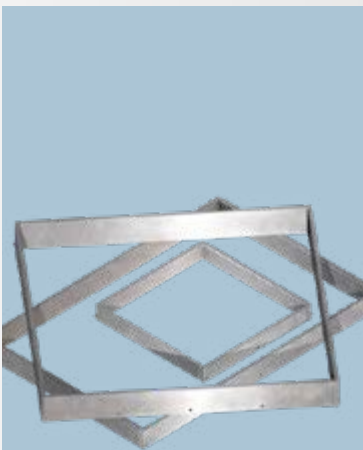


Wear parts for concrete block

Wear-resistant forms and form parts for the concrete block industry

DURABILITY THANKS TO HIGH-PRECISION PRODUCTION

Highly wear-resistant forms and plates for the concrete block industry can be supplied quickly and reliably from stock.



OUR BROAD ASSORTMENT - YOUR ADVANTAGE

- Face plates, tamping plates, liner plates, anvils, etc., for the production of concrete pavement slabs on slab turntable machines
- Inner frames for the production of concrete pavement slabs on hermetic turntable machines
- End plates, with or without profiles, liner plates and tampers for producing kerbs on block machines
- Complete moulds
- Liner plates and stamp plates for the production of paving stones and slabs on block machines
- various moulds and special tools

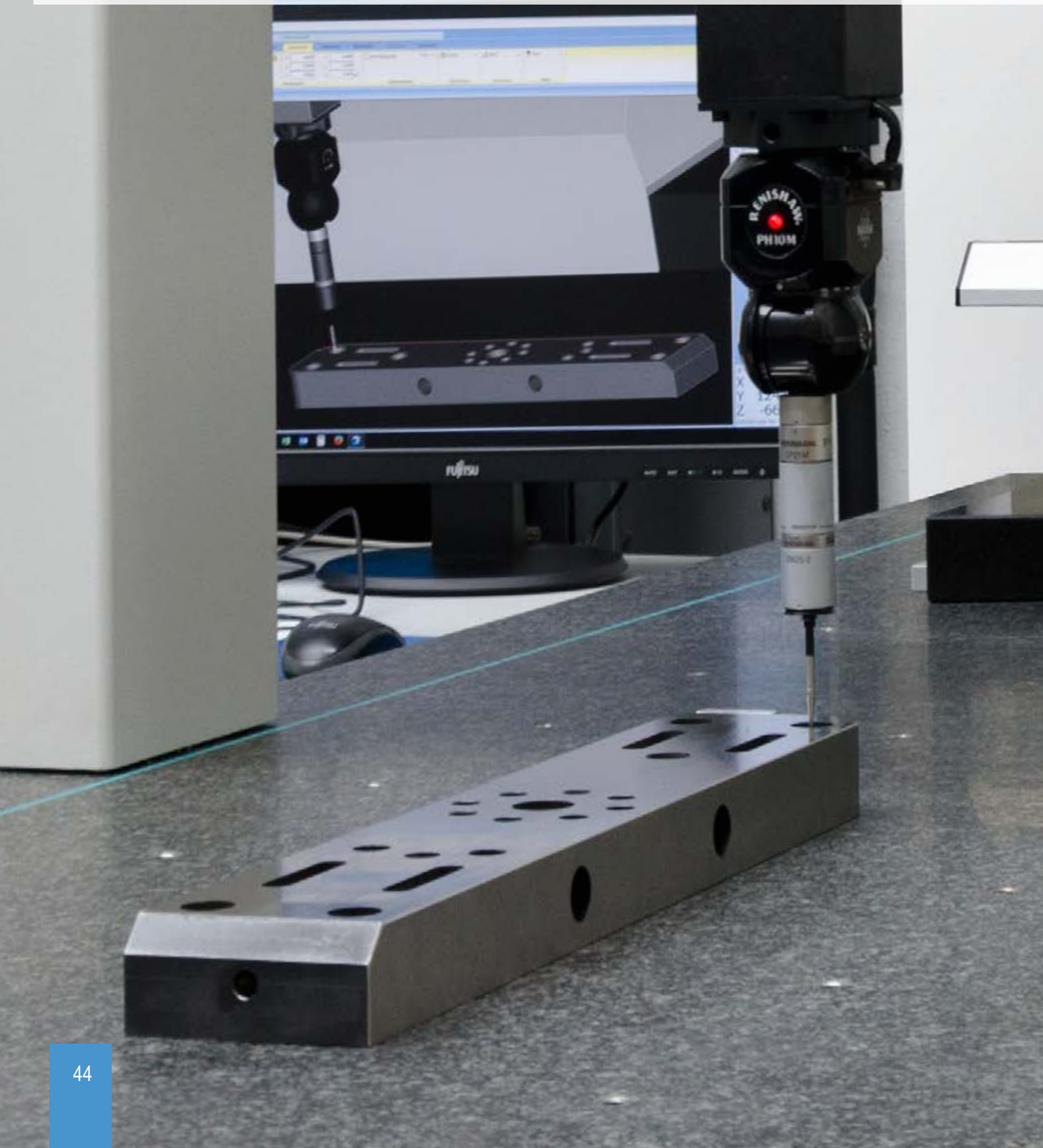


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PRÄZI Quality

Documented QM system



QUALITY MANAGEMENT IN PRACTICE

PRÄZI GROUP - Guarantee of quality



PRODUCTION AT THE HIGHEST LEVEL

Our quality management is documented in accordance with DIN EN ISO 9001. It is borne out through our quality-conscious employees and the use of cutting-edge measuring technology.

To ensure that your quality requirements are met, our trained employees have access to modern ERP systems and QA tools such as FMEA are used. Moreover, on request, we will confirm the results in the form of test certificates in accordance with DIN EN 10204, using the CAQ (Computer Aided Quality) system.



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PRÄZI

PRÄZI GROUP

BENEFIT FROM OUR KNOW-HOW



PRÄZI Flachstahl® | Agrotechnology | Conveyor technology | Sand-lime brick and concrete block technology

PRÄZI GROUP



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PRÄZI

PRÄZI GROUP

STABILITY IN MOVEMENT

UNIEMETAAL
B.V.

Netherlands

PRÄZI
FÖRDERTÉCHNIK

Germany

PRÄZI
FLACHSTAHL AG

Germany

PRECIZ
S.P.O.

Czech Republic

PRÄZI
HUNGARIA

Hungary

PRÄZI
PARTS

Italy



PRÄZI GROUP PROSPECTUS



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