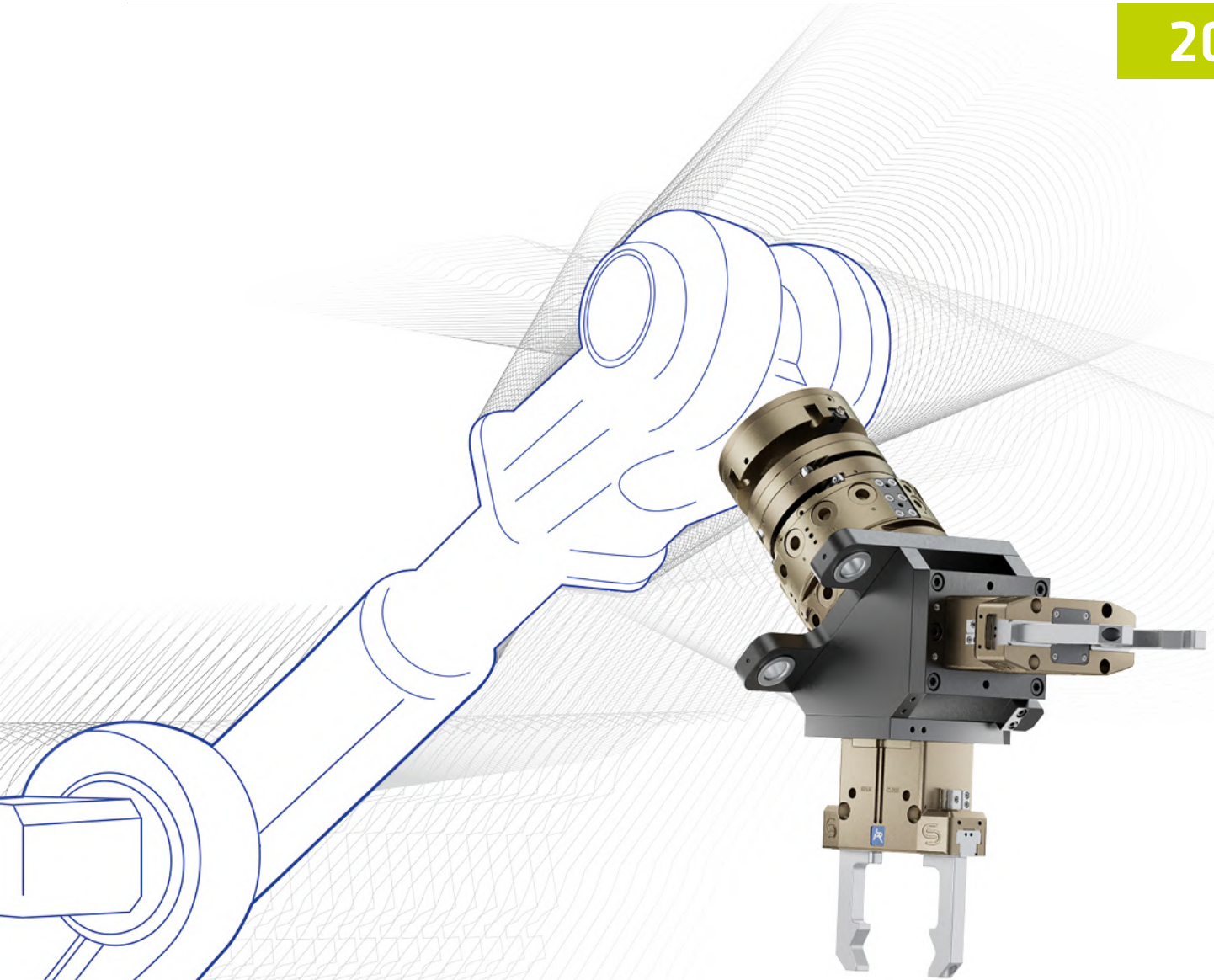
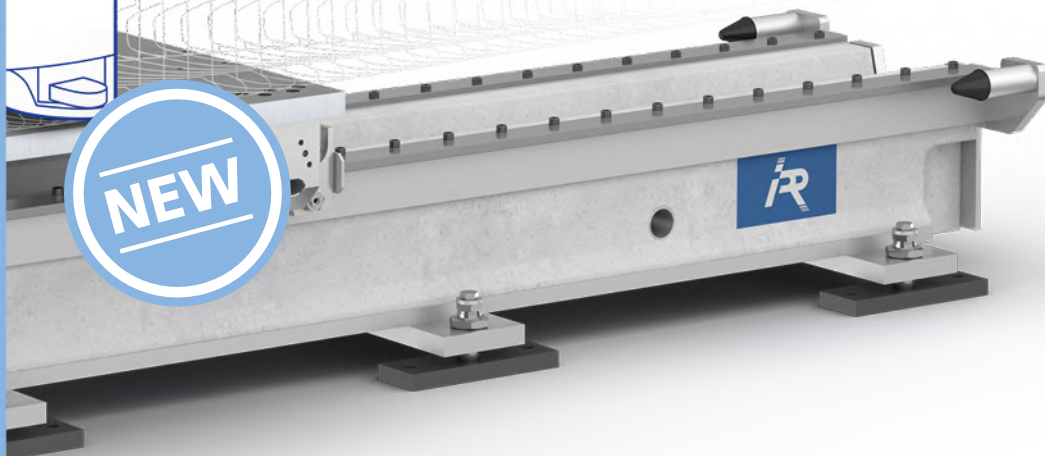


PRODUCT NEWS

2021



EVERYTHING ROBOTS
NEED TO DO THEIR JOB



IR
INTELLIGENTE
PERIPHERIEN FÜR ROBOTER

IPR - Solutions at hand

Our components make your robot smarter, more flexible and more universal

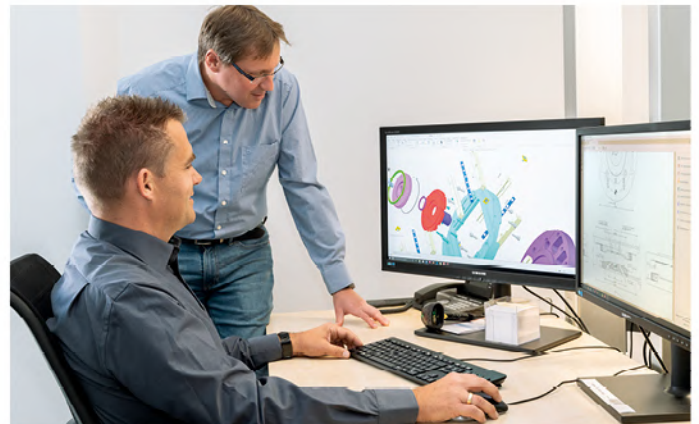
Innovation meets top quality

IPR – Intelligente Peripherien für Roboter GmbH is a leader in the development and manufacturing of products related to industrial robots and offers an extensive product range with innovative systems and components for assembly and handling technology. Our parallel and angular grippers, tool changers, compensation modules as well as load limiters, 7th axes for robots, force-torque sensors and customer-specific solutions are used by customers in many countries around the world. Companies from all industries trust our products. Quality, technical and industry knowledge are our most important success factors.

We offer you standard products ready for immediate use, but we also support you in special and large-scale projects. You benefit directly from the development and manufacturing technologies in our house.

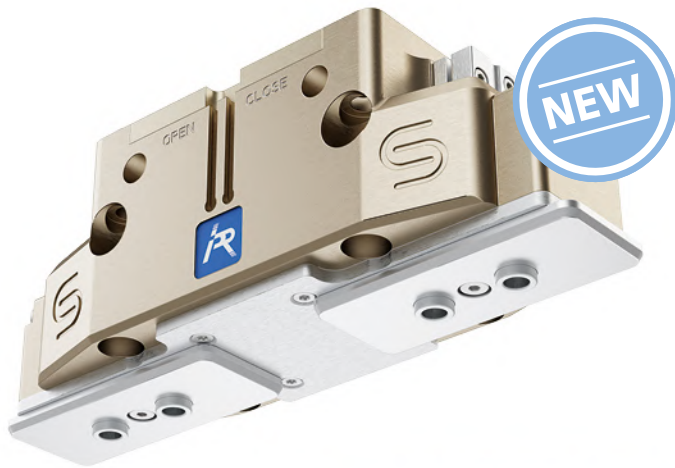
IPR stands for:

- **Customer proximity**
We are always available to our customers with advice and support.
- **Internationality**
For you we are on site worldwide.
- **Innovation**
We offer you innovative, top-quality solutions.
- **Competence**
We use our many years of experience and the know-how of all our employees to your advantage.
- **Quality and flexibility**
We live lean structures and short decision-making paths.

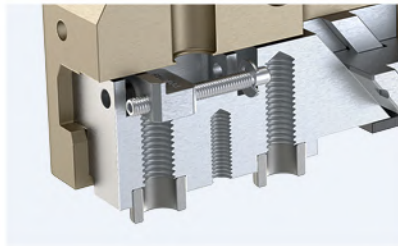


OUR NEW PRODUCTS:

SMART SOLUTIONS FOR YOUR ROBOT



CGS2-125-1-SA



In detail: Cam adjustment made of robust steel

CGS | COMPATIBLE GRIPPER SERIES

2-jaw universal gripper NEW: with dust cover

With our parallel gripper CGS2 you are perfectly equipped for every application: Thanks to 189 standard variants with gripping force retention, dust cover or in high-temperature design, the gripper can be used universally and flexibly. It also has the best price-performance ratio in its class!

- + Payload up to **95 kg**
- + Compatible with customary standard sensors
- + Corrosion protection included as standard

FWS series Finger changing system

Manually changing gripper fingers within seconds: The new IPR FWS makes this possible. One rotation with a tool is sufficient to open the newly-developed locking mechanism.

- + Up to **60%** lower installation height than comparable products
- + Maximum power density due to hardened steel
- + High quality corrosion protection included



FWS-125



CGS-125 with mounted FWS-125



RPW Hybrid series

Electro-pneumatic gripper

The best of both worlds: Full pneumatic gripping force meets precise pre-positioning and stroke sensing with the electric motor. This enables your robot to reliably move even complex geometries that previously required several work steps.

- + Positioning accuracy up to **0.01 mm**
- + Protection class **IP65**
- + Integrated control with various interfaces: EtherCAT, Ethernet, CANopen etc.



RT series

Rotation compensation

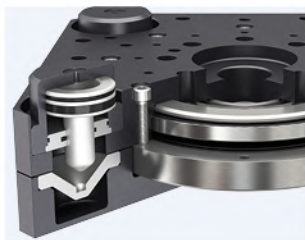
Position and orientation tolerances around the Z-axis will no longer be an issue for your application – with the IPR RT series, you can easily compensate an angular offset of up to 5°. Locking is possible in both central and deflected position.

- + Payload up to **300 kg**
- + Smoothest compensation on the market
- + Standardized mounting pattern



RT-160

In detail:
High-quality roller guides and locking mechanism in the RT-300



RT-KA series

Rotation and X/Y compensation

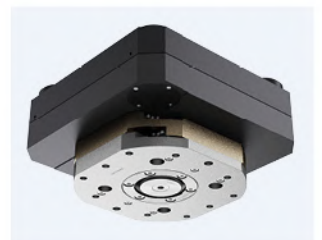
Your application requires a rotation compensation with additional degrees of freedom in X and Y directions? The RT-KA series enables this combined compensation with both a significantly reduced installation height and a lower total weight. Centric locking is also possible with the RT-KA series.

- + Payload up to **120 kg**
- + Compensation in X/Y direction up to **±5 mm**
- + Rotation angle compensation up to **±5°**



RT-KA-300

In detail:
Bottom side of the RT-KA-300





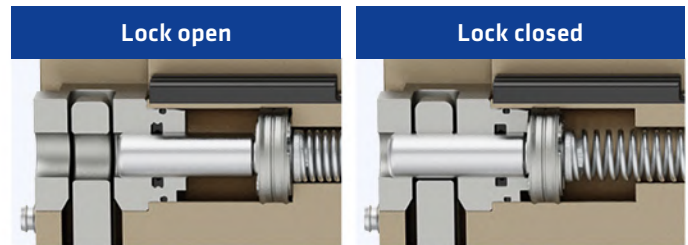
TK-330-SQ-DV

TK-SQ | THE MODULAR

Tool changer

Highest demands on payload, safety and modularity show the strengths of the IPR TK-SQ series. With countless combinations in the online configurator and unlimited application-specific customization options, this tool changer works perfectly in your application.

- ⊕ Double safety locking
- ⊕ Payload up to **1,250 kg**
- ⊕ Sensors included as standard



In detail: Double safety locking, actuated by spring

RC series Concrete robot 7th axis

A worlds-first from Eppingen: A robot transfer unit with a base body made of composite concrete! This almost completely eliminates vibrations and enables significant productivity improvements in high-precision application. In addition, you protect the health of your employees, as the travel noise of the axis is reduced by up to 6 dB* even during fast movements.



RC-1000

- ⊕ Small footprint
- ⊕ Load capacity up to **50,000 N**
- ⊕ Up to **5x** bending stiffness and less vibration*

*compared to aluminum or steel axles

Errors and omissions excepted. The product illustrations are non-binding. You can find our general terms and conditions at www.en.iprworldwide.com/terms-purchase-conditions/

IPR – Intelligente Peripherien für Roboter GmbH

Jakob-Dieffenbacher-Str. 4/2
75031 Eppingen
Deutschland

T +49 7262 9239-100
F +49 7262 9239-400

info@iprworldwide.com
www.iprworldwide.com

We are represented worldwide.



USA

IPR Robotics LLC.
50775 Wing Drive
Shelby Township
MI 48315, USA
T +1 248 556-7556
F +1 248 556-7560
sales@iprrobotics.com

Mexiko

Intellum, S.A. de C.V.
Av. Central 206, 1er piso
Col. San Pedro de los Pinos
Del. Alvaro Obregon, CP 01180
T +52 55 5668 6063
F +52 55 5668 6079
info@iprmexico.com

China

IPR GmbH
China Representative Office
Room C2119, Tomson Centre
No 188, ZhangYang Road
Pudong, Shanghai 200120
T +86 21 5876 9833
F +86 21 5876 9941
zd.huang@ipr-soehner.sina.net



You can find more contacts on our website:
en.iprworldwide.com