



System
technology

THE KNOW-HOW FACTORY

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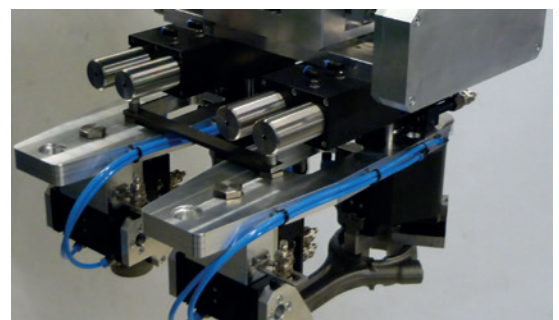
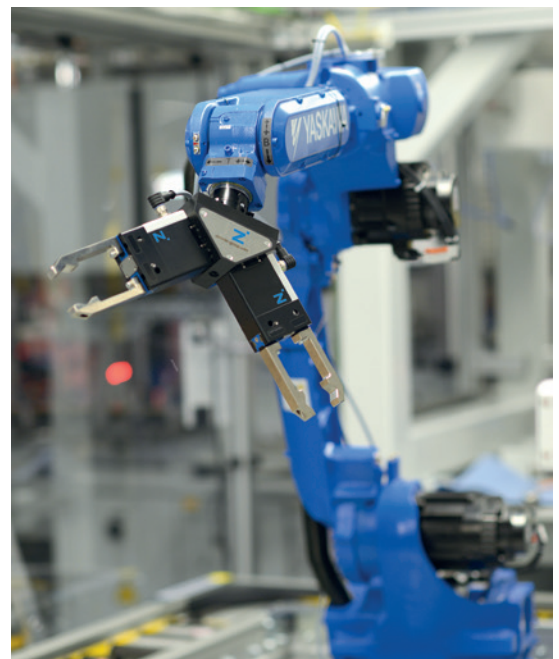
ZIMMER GROUP COMMITTED TO OUR CUSTOMERS

WE HAVE SUCCEEDED FOR YEARS BY OFFERING OUR CUSTOMERS INNOVATIVE AND INDIVIDUALIZED SOLUTIONS. ZIMMER HAS GROWN CONTINUOUSLY AND TODAY WE HAVE REACHED A NEW MILESTONE: THE ESTABLISHMENT OF THE KNOW-HOW FACTORY. IS THERE A SECRET TO OUR SUCCESS?

Foundation. Excellent products and services have always been the foundation of our company's growth. Zimmer is a source of ingenious solutions and important technical innovations. This is why customers with high expectations for technology frequently find their way to us. When things get tricky, Zimmer Group is in its best form.

Style. We have an interdisciplinary approach to everything we do, resulting in refined process solutions in six technology fields. This applies not just to development but to production. Zimmer Group serves all industries and stands ready to resolve even the most unique and highly individualized problems. Worldwide.

Motivation. Customer orientation is perhaps the most important factor of our success. We are a service provider in the complete sense of the word. With Zimmer Group, our customers have a single, centralized contact for all of their needs. We approach each customer's situation with a high level of competence and a broad range of possible solutions.



ZIMMER GROUP

SYSTEM TECHNOLOGY

Initial consultation
with Zimmer system sales

Layout approval
after technical review

Time savings by using Zimmer System Solution

Time expenditure on customer side at inhouse-production

Obtain info,
Generate concept

Simulation

Select
components

Design

Create and
order items

Fabrication of
specific parts

ZIMMER GROUP IS ONE OF THE LEADING SPECIALISTS IN THE AREA OF SYSTEMS SOLUTIONS IN THE WORLD. WE OFFER YOU SOPHISTICATED SYSTEM SOLUTIONS FOR ALMOST EVERY TASK, IN VIRTUALLY ALL INDUSTRIES AND APPLICATIONS. IT DOESN'T MATTER IF IT IS A SIMPLE GRIPPER AND HANDLING SOLUTIONS OR A COMPLEX SYSTEM SOLUTION.

As an industry partner with many years of experience, we are intimately familiar with the requirements of modern production systems, whether in mechanical engineering, the automotive and supplier industries, foundries or in the electronics, plastics or the consumer goods sectors. Zimmer system solutions allow us to equip any make of robot optimally and significantly increase the functionality and efficiency of your robots. The extensive expert solutions of our Sys-

tem Technology department, with their experienced team of project engineers, designers and manufacturers, has been valued by our customers for 30 years. Our systems are the result of a close collaboration with end customers and integrators built on trust. Zimmer System Technology has specially tailored production and assembly areas with a high degree of production depth. This means that we can guarantee flexible, quick implementation of your project at any time. The

Zimmer Group has traditionally worked for a series of core industries that have benefited from our extensive experience and recognized development expertise for decades. We would be happy to speak with you about specific applications in new growth industries. We are well equipped for the development of new concepts. Together, we will be able to find the right solutions.

Provision of connection-ready systems
 100 % cost and functional security
 100 % tested
 100 % documented
 100 % installed

Maintenance and service

Full System Responsibility

Full System Responsibility

Assembly

Testing and commissioning

Documentation

Maintenance and service



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ZIMMER GROUP

SYSTEM TECHNOLOGY

AUTOMOTIVE



Our system solutions have been used by all major automobile manufacturers for decades. First and foremost, our portfolio includes gripping and handling solutions for all areas of the power train, for example, camshafts and crankshafts, cylinder blocks and heads, gear and chassis parts, as well as tires, wheels and rims. Zimmer Group's System Technology also offers solutions for the production of electric vehicles, such as handling and assembly tasks for the fully-automatic production of battery cells and battery packs.



Gripping system for motor blocks (600 kg each) / loading and unloading of assembly stations

CONSUMER GOODS



The production of consumer goods in areas with high wages can only be made profitable with a high degree of automation. Here, Zimmer Group's system solutions provide a crucial contribution to efficient production. Whether in the drink and food industry or the medical and pharmaceutical industry, whether during packaging, palletizing or filling, you can package coffee capsules, handle yogurt cups or palletize chocolate cartons, for example, in cycles that last mere seconds on our hygienic, high-speed systems.

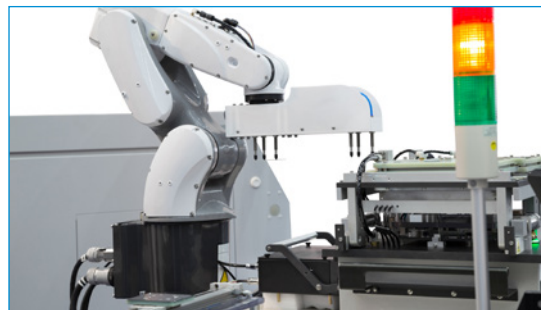


Gripping system for yogurt cups (varying diameters) / removal from deep-draw machine and packaging into boxes

ELECTRONICS



The electronics industry is characterized by the highest degree of cost pressure and very short product life cycles. The fastest cycle times and production facilities with the highest availability are understandably necessary here, and are the key to commercial success. Whether in the production of cell phones, the installation of power electronics, the electrification of drive trains or in custom device construction, the Zimmer Group supports you with competent engineering and state-of-the-art production.



Robots for handling circuit boards in the electronics industry



MACHINE TOOL

The tooling machine trend is also going in the direction of increasing automation. We offer you space-saving automation solutions on robots, machines or directly in the work area. Featuring, of course, components that are perfectly sealed against chips and cooling lubricants. You receive automation solutions from Zimmer Group that integrate seamlessly into your existing machines and systems and deliver strong performance – even under difficult working conditions.

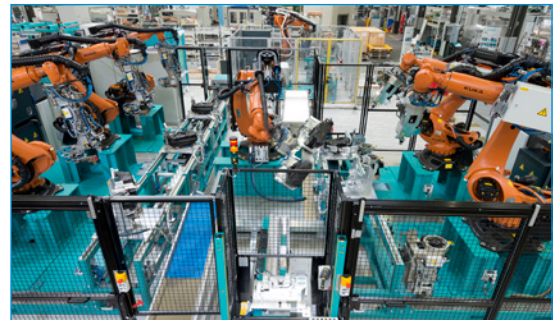


Gripper system, incl. tool changer for cast parts and deburring spindle / loading and unloading of machining center



PLASTICS

The plastics industry is shaped by short product life cycles. Tool-specific components must therefore pay themselves off within the shortest amount of time, or be able to be used for the next model line. To that end, we supply you with components like removal grippers, insertion grippers, external feeders and separators that are used on injection molding machines and thermoforming machines. In so doing, we also integrate additional functions into our solutions, such as lettering, test steps or packaging operations.



Gripping system for fuel tanks / loading of various machining stations



FOUNDRY

The components used in foundries are governed by stringent requirements. They must withstand high temperatures, abrasive dust, aggressive media and loads caused by machining operations. The Zimmer Group has extensive experience in these areas. From handling filigree sand cores to sampling from the glowing blast furnace, our systems deliver maximum performance and master all challenges in automated processes in the foundry and forging industry.



Gripping assembly system for sand cores / removal from core shooter