

# //01

**POLY  
RACK**  
TECH-GROUP

# LINEUP

FROM CONCEPT TO PRODUCT

---

Products and Services of the POLYRACK TECH-GROUP

**Leading technology since 1979 - the POLYRACK TECH-GROUP is your competent technology partner for integrated electronic packaging.**

PRECISION QUALITY  
DESIGN ENGINEERING  
ER CONCEPTION DESIGN  
ES DESIGN ASSEMBL  
OW ENGINEERING TECH  
CS TECHNOLOGIES KN  
GE KNOW-HOW ELECT  
ON ELECTRONICS ASS  
TY ASSEMBLY PRECIS  
CS PRECISION QUALIT  
ON QUALITY LOGISTIC  
GN LOGISTICS CONCE  
OW ELECTRONICS *R*  
SION QUALITY LOGIS

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### KNOW-HOW

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# /04

## HISTORY

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When Horst Rapp founded POLYRACK Electronic-Aufbausysteme GmbH as the first company of today's POLYRACK TECH-GROUP, he started with a one-man team, but with an even greater vision for the electronics industry.

On the way to becoming a global player with more than 500 employees worldwide, a constantly dynamic development of the portfolio towards a full-range supplier followed, which has a holistic expertise from development, design to the production of entire system solutions. Parallel to its areas of expertise, POLYRACK also developed its international orientation at an early stage. Under the motto „Globalization as an opportunity“, the American subsidiary was founded in Rhode Island in 2006 and moved into its new building in 2008. Further locations in Europe and Asia followed.

But also at the headquarters in the northern Black Forest, the Rapp family of entrepreneurs and the

entire TEAM POLYRACK pushed ahead with a dynamic development. In 2007, the company moved into the state-of-the-art Plant 2, which allowed the technology areas of systems technology, plastics technology and surface treatment to be brought together under one roof. This was followed in 2014 by the opening of the highly productive manufacturing site in Ettlingen, which has grown in two expansion phases to almost 12,500 sqm of production space in the meantime. Shortly before the company's 40th anniversary in 2019, further production capacity was secured with the acquisition of Metalle in Form in Karlsruhe.

Despite all the global, area-wide and cross-technology expansion, the POLYRACK TECH-GROUP has retained its core values as a reliable family business, both in the relationship with its customers and partners and with its employees without compromise.



**„I am proud that, even after 45 years, we have remained a family-owned company with clear structures that guides the company's fortunes with a sense of proportion and responsibility and will continue to do so in the next generation. As entrepreneurs, we have a fundamental responsibility towards our customers and our employees. As the family that owns the company, we want to continue to take on this responsibility in the future and be a reliable partner for our business partners and employees.“**

HORST RAPP  
Founder of the  
POLYRACK TECH-GROUP

# /05

## HISTORY

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The POLYRACK TECH-GROUP has grown as a family-owned company. Founded by Horst Rapp in 1979 with the first employee, the company went through more than four decades of continuous and organic growth.

Today, POLYRACK TECH-GROUP employs over 500 people, including many members of the Rapp family, not only Horst Rapp's son Andreas, who has been part of the management team since 2013.

What POLYRACK has preserved through all this development is not only the independence of an owner-managed business, but also the precious values of a

family business. Uncompromising reliability, fairness and stability characterize the interaction and cooperation at POLYRACK, both towards the customers and the employees.

POLYRACK is a large family that pursues common goals with the utmost commitment, stands up for each other and pulls together. That's what makes us special and that's what makes us proud.



ANDREAS RAPP  
CEO



HORST RAPP  
FOUNDER & CEO

**1979**

**FOUNDATION  
POLYRACK GMBH**

Foundation of POLYRACK Electronic-Aufbausysteme GmbH as the first company of the group.

**1990**

**PLANT 1**

Building of the present HQ in Straubenhardt, Germany. (2.500 qm / total 3.800 qm).  
Foundation of RAPP Oberflächenbearbeitung GmbH.

**1994**

**EXPANSION OF  
PLANT 1**

Expansion of plant 1 in Straubenhardt (4.000 qm / total 8.500 qm).

**2000**

**EXPANSION  
SYSTEMS  
TECHNOLOGY**

Expansion / move Systems Technology to Ittersbach, Germany. (3.600 qm / total 12.100 qm).

**2007**

**PLANT 2**

Building of plant 2 in Straubenhardt. Move of RAPP Kunststofftechnik GmbH and of the Systems Technology. (9.100 qm / total 21.200 qm).

**2009**

**POLYRACK  
CHINA**

Foundation of POLYRACK Science and Technology Shenzhen Co., Ltd. in Shenzhen, China.

**2014**

**FOUNDATION  
POLYRACK  
BENELUX SRL**

Foundation of POLYRACK Benelux, in Fernelmont, Belgium.

**2016**

**EXPANSION  
PLANT 4**

Expansion of the production areas mechanics, plastics technology and assembly with an additional production hall section.

**2018**

**NEW ESD-AREA  
IN SYSTEMS  
TECHNOLOGY**

Expansion of the ESD-area in the production area of plant 2.

**2020**

**FOUNDATION  
POLYRACK  
AEROSPACE  
GMBH**

Foundation of POLYRACK Aerospace GmbH in Straubenhardt, Germany.

**1993**

**RAPP  
KUNSTSTOFF-  
TECHNIK**

Foundation of RAPP Kunststofftechnik GmbH, Germany as well as POLYRACK AG, Urdorf, Switzerland.

**1996**

**SYSTEMS  
TECHNOLOGY**

New business division "Systems Technology".

**2006**

**POLYRACK USA**

Foundation of POLYRACK North America Corp., Rhode Island, USA.

**2013**

**EXPANSION  
PLANT 4**

Expansion of the Mechanical Production to Plant 4, Ettlingen, Germany. (4.400 qm / total 23.900 qm).

**2017**

**CHAMPIONSHIP  
TRIPLE**

The german gymnastics team KTV Straubenhardt, whose main sponsor is the POLYRACK TECH-GROUP, wins the title of team champion of Germany the third time in a row.

**2019**

**40 YEARS  
POLYRACK**

Purchase of Metalle in Form Geräteteile GmbH.

**2023**

**LOGISTICS  
CENTER**

Building of a logistics center in Straubenhardt..

Expansion of the company building of the POLYRACK Corp.

**1981**

**FIRST OFFICE  
BUILDING**

Purchase of the first office building in Straubenhardt, Germany (1.300 qm).

**2008**

**COMPANY  
BUILDING USA**

First office building POLYRACK North America Corp., USA (1.400 qm )

**2015**

**MOVE OF  
POLYRACK CHINA**

Expansion and move of POLYRACK Science & Technology within Shenzhen, China.

**POLY  
RACK**

# /08

## GROUP OF COMPANIES

### POLYRACK TECH-GROUP HOLDING GMBH & CO. KG

POLYRACK  
ELECTRONIC-AUFBAUSYSTEME  
GMBH

RAPP  
KUNSTSTOFFTECHNIK GMBH

### SUBSIDIARIES

METALLE IN FORM  
GERÄTETEILE GMBH

POLYRACK  
AEROSPACE GMBH

POLYRACK  
BENELUX SRL

POLYRACK AG

POLYRACK  
NORTH AMERICA  
CORP.

POLYRACK SCIENCE  
& TECHNOLOGY  
CO. LTD.

# /09

## POLYRACK TECH-GROUP

Our group of companies – POLYRACK Electronic Aufbausysteme GmbH, RAPP Kunststofftechnik GmbH, POLYRACK Aerospace GmbH, Metalle in Form Geräteteile GmbH, as well as their subsidiaries abroad - offers an innovative and comprehensive range of products that are manufactured in high quality and with the economical benefits of series production.

Our focus is particularly dedicated to the development and manufacturing of customer-specific products and solutions. Extensive consultancy in the conception stage, right at the start targeted and reliable development, production and assembly combined with on-time delivery are characteristic of our service offering.

**+2000**  
CUSTOMERS  
WORLDWIDE

**+45**  
YEARS OF  
EXPERIENCE

**+500**  
EMPLOYEES  
WORLDWIDE

**+25**  
TRAINEES

**+90**  
MILLION €  
TURNOVER

**+10**  
LOCATIONS

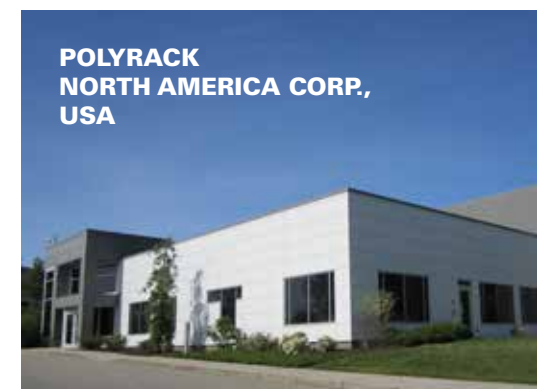
Effective: 01.01.2024



PLANT 2, STRAUBENHARDT,  
GERMANY



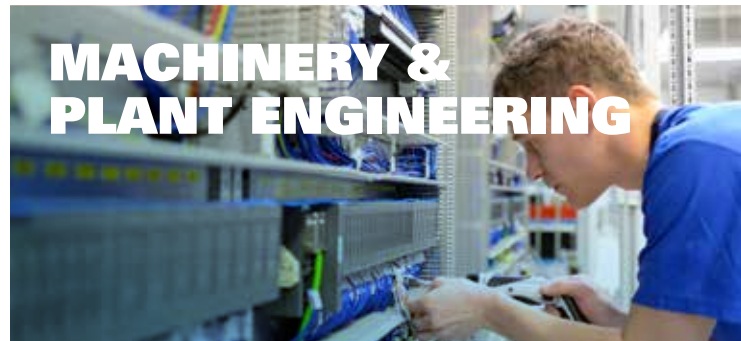
PLANT 1,  
STRAUBENHARDT,  
GERMANY



POLYRACK  
NORTH AMERICA CORP.,  
USA



**AUTOMOTIVE**



**MACHINERY & PLANT ENGINEERING**



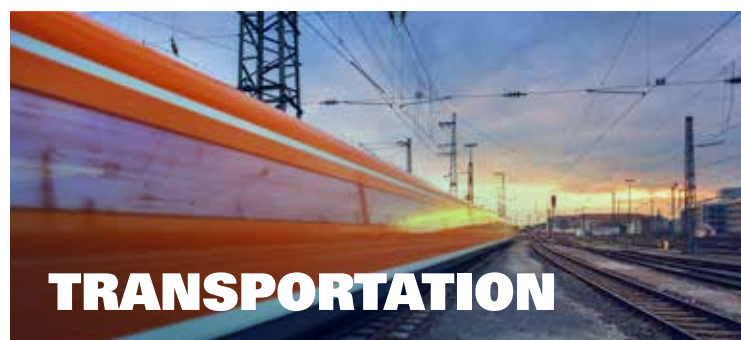
**TELECOMMUNICATION**



**AEROSPACE & DEFENSE**



**MEDICAL TECHNOLOGY**



**TRANSPORTATION**



**ENERGY TECHNOLOGY**



**AUTOMATION TECHNOLOGY**



**MULTIMEDIA & BROADCAST**



**MEASUREMENT & CONTROL**

## /10 MARKETS & INDUSTRIES

Industries at a glance: The more diverse the challenges become, the more individual our solutions are.

Take advantage from our know-how of more than 45 years.

## /11 ACROSS INDUSTRIES AND INTERNATIONAL – THE BASIS FOR EVERY PRODUCT DEVELOPMENT

The market success of a product depends primarily on a fast and reliable development. We are firmly convinced of this, which is why our development and manufacturing processes are based on this premise.

The POLYRACK TECH-GROUP employs high skilled personal especially in development, material choice consultancy, engineering and mass production for the cross-technology company philosophy. This results in the scientific knowledge, which is the guarantee for the implementation of your product.

Economical and future-orientated solutions are our driving focal point to meet complex tasks in different markets. A high-grade vertical manufacturing range and over 45 years of company history

know-how provides our customers with a versatile project management and comprehensive services in one place.

### OUR ACTIVITIES FOCUS ON THE FOLLOWING INDUSTRIES:

- Telecommunication
- Measurement & Control
- Medical Technology
- Automotive
- Transportation
- Automation Technology
- Machinery & Plant Engineering
- Aerospace & Defense
- Multimedia & Broadcast
- Energy Technology





#### CUSTOMIZED SOLUTION

made of sheet-metals, metal castings and thermoplastic foam casting process including surface treatment

# /13

## KNOW-HOW

FROM CONCEPT TO PRODUCT

**THE DEVELOPMENT** of packaging solutions is POLYRACK TECH-GROUP's traditional skill.

However, the experience across the industries of our group of companies and the high standard of our R&D and manufacturing expertise extend far beyond that. From the individual component to the fully assembled and fully operational product – comprehensive quality on the small and the large scale.

#### FOCUS ON INDIVIDUALITY

The most important element of every development is the dialog with the customer.

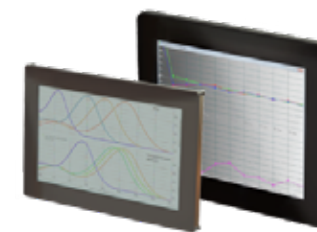
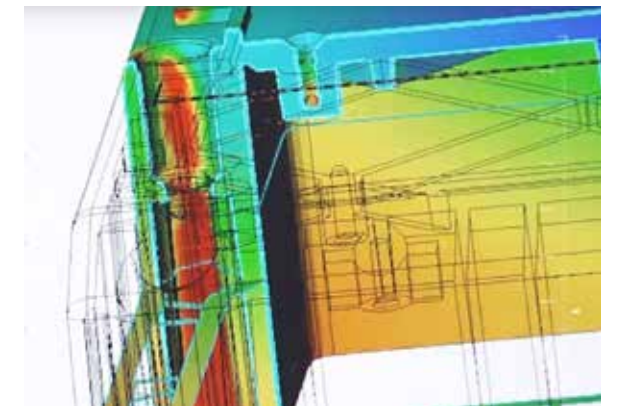
A close communication with our customers

guides us to their specific product requirements and result in a solution-oriented implementation. This is how unique and well-thought-out product solutions are created.

#### JOINING DIFFERENT TECHNOLOGIES

Due to our experience and know-how in various technologies, we always offer a competent contact person from the relevant area of expertise.

The outstanding strength of the POLYRACK TECH-GROUP lies in the cross-technological product solution.



#### CUSTOMIZED SOLUTION

PanelPC 2 series with multi-touch as sheet-metal solution and milled aluminum



#### CUSTOMIZED SOLUTION

Case made of aluminum die-case with custom conductive cooling concept



#### CUSTOMIZED SOLUTION

Case made of plastic and complementary features

# /14

## KNOW-HOW

DEVELOPMENT & DESIGN



**OUR EXPERTISE AND EXPERIENCE**, based on more than 45 years of company history embrace the fields of mechanics, systems technology, plastics technology and surface treatment. This diversity is the basis for unique and target-oriented developments.

The specific requirements of our customers are at the heart of our activities.  
The result: tailor-made products and customized solutions.

- Professional project management in the development process and in collaboration with our customers
- Design studies
- Various simulations

- Cost and manufacturing optimized designs as well as realization
- Preparation of pilot runs and development prototypes

During the course of the development process our customers are supported by experienced project managers. Those serve as a central interface in the communication with our customers across all technologies.

### SUPPORTED ANALYSIS ALONG DEVELOPMENT (AMONG OTHERS):

- RAMS / ILS
- MTBF
- FMECA

CUSTOMER INPUT  
BRAINSTORMING

DEVELOPMENT  
DESIGN STUDY

RELEASE PROCESS  
PILOT RUN

SERIES PRODUCTION  
LOGISTICS



### CUSTOMER-SPECIFIC SOLUTION

ATR-chassis in combination with milled parts, dip-brazing and a custom VPX backplane (ruggedized solution)



#### CUSTOMER-SPECIFIC SOLUTION

Case in a material combination of sheet metal bending technology, aluminum extrusion process and aluminum die-casting

# /17

## KNOW-HOW

### DEVELOPMENT TOOLS

**AT THE BEGINNING** there are many decisions to be made such as the optimization of development and realization time, selection and dimensioning of material as well as the filling of the mold. POLY-RACK TECH-GROUP uses different development tools as decision-making aids for this purpose:

#### STRUCTURAL ANALYSIS

This simulation tool based on SolidWorks Simulation comprises the following analysis capabilities:

- Stress and displacement analysis
- Frequency and buckling analysis
- Thermodynamic optimization analysis

#### THERMAL SIMULATION

A thermal simulation is performed using „Solid-Works Flow Simulation“ for optimization of the heat management: to determine the measures required to optimize heat dissipation or to localize so-called hot spots – for example with the increasing trend towards fanless computer systems in industrial environments.

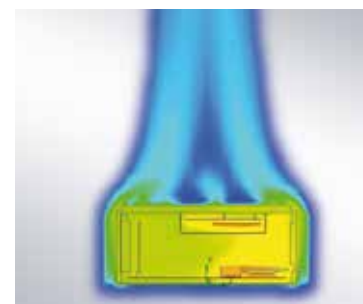
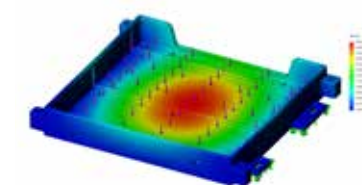
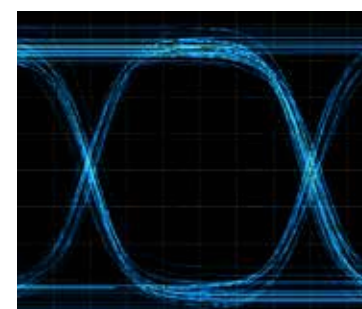
#### MOLD FILLING ANALYSIS

A SolidWorks Plastics mold filling analysis is applied prior to the production of the tool for the plastic parts. The benefit: before the start of manufacturing a cost-intensive tool, potential „problem zones“ during mold filling are identified by means of simulation.

Quality issues with parts and time-intensive correction loops can thus be avoided.

#### IMPEDANCE ANALYSIS

Impedance analysis of multilayer structures is performed using the „POLAR Si8000“ software. This ensures the required signal quality especially in respect to complex multilayer PC boards.





Corporate Identity Design – the POLYRACK TECH-GROUP is the right partner for the design and implementation of your product image.



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## CROSS TECHNOLOGICAL SYSTEMS PARTNER

Due to the technology crossing company concept POLYRACK distinguishes itself from the market and combines all different fields that are shown below.

|                                                                                                                                                                                           |                                                                                                                                                                                                                         |                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>PROCESS DEVELOPMENT</b><br><br><b>Plastic Solutions</b><br>Tool construction, injection molding | <br><b>PRODUCT- AND SYSTEMS DEVELOPMENT</b><br><br><b>Mechanical Production</b><br>Welding, laser-robot, CNC punching, milling, etc. | <br><b>TECHNOLOGY &amp; MATERIAL CONSULTING</b><br><br><b>Extrusions / Castings</b><br>Aluminum-, zinc-, magnesium casting |
| <b>Electronics</b>                                                                                                                                                                        | <ul style="list-style-type: none"><li>• Development and layout of circuit boards</li><li>• Interface connection test for backplanes</li></ul>                                                                           | <ul style="list-style-type: none"><li>• Partially and fully assembled systems</li><li>• Cable assembly</li></ul>                                                                                              |
| <b>Surface Treatment</b>                                                                                                                                                                  | <ul style="list-style-type: none"><li>• Wet-painting</li><li>• Powder coating</li></ul>                                                                                                                                 | <ul style="list-style-type: none"><li>• Silkscreen, pad printing, HD-printing</li><li>• Electroplating</li></ul>                                                                                              |
| <b>Mounting &amp; Assembly</b>                                                                                                                                                            | <ul style="list-style-type: none"><li>• ESD-compliant assembly</li><li>• Function and final testing</li></ul>                                                                                                           | <ul style="list-style-type: none"><li>• Quality control</li><li>• Software installation and testing</li></ul>                                                                                                 |
| <b>Logistics</b>                                                                                                                                                                          | <ul style="list-style-type: none"><li>• Packaging concepts</li><li>• Worldwide stock availability</li><li>• Individual logistic concepts</li></ul>                                                                      |                                                                                                                                                                                                               |



**For all its progressiveness, society also needs traditional values such as reliability and honesty.**

Andreas Rapp

# /20

## TECHNOLOGIES

### MECHANICS

The POLYRACKTECH-GROUP is your professional partner for mechanical manufacturing. From designed components to highly complex, development-intensive assemblies.

#### PRODUCTS AND SERVICES

- Cases
- 19"-Subracks
- Front panels, modules
- Mechanical components
- Aluminum- / zinc and magnesium die-cast solutions
- Extruded aluminum profiles

#### DIMENSIONS

- Raw material (thin metal sheet): 0.5 – 6.0 mm
- Case solutions: max. 1000 x 1000 mm
- Mechanical components: max. 500 x 2000 mm

#### BONDING TECHNOLOGY & SEALS

All commercially available materials in 1C from medium – to high-viscosity dispense substances are suitable, such as abrasive substances like UV adhesives and sealing materials, silicones, MS polymers, PUR, silicones with particles (EMC).

So-called compact materials with a hardness of 16 – 60 Shore A are available for applied sealing technique.

#### MANUFACTURING TECHNOLOGIES

- Punch-nibbling technology and punch / laser cutting technology
- Laser cutting
- Bending
- Robot and laser spot welding
- CNC milling
- Press-in technologies
- Tool-based manufacturing
- Other mechanical processing

#### TYPICAL MATERIALS

- Aluminum
- Steel with various surfaces

These media are not self-compressible and require space for the lateral expansion after the joining process.

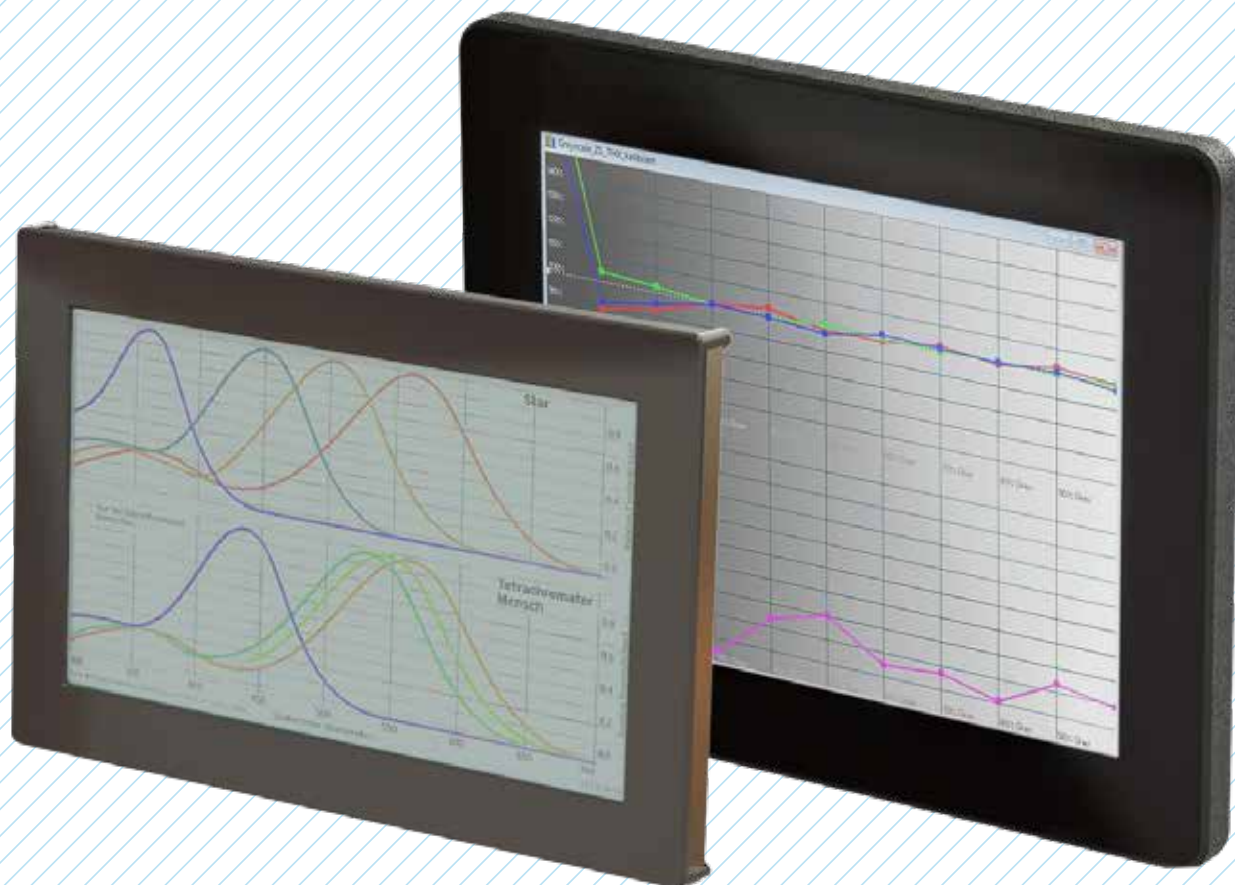
Bonding is the technique of the future. Volumetric dosing machines allow the application of a wide range of adhesives, such as epoxy resins, acrylates, PUR, silicones, etc., in a reproducible and reliably condition.



#### FRAMETEC

Elegant case solution with a high degree of flexibility in design and dimensions





**CUSTOMER-SPECIFIC SOLUTION**  
PanelPC 2 series with Multi-Touch as  
sheet-metal solution or milled aluminum

# /23

## TECHNOLOGIES

SYSTEMS TECHNOLOGY / ELECTRONICS

### THE AREA OF SYSTEMS TECHNOLOGY

reflects the logical and consistent development of our group of companies. We apply our long-standing experience for mechanical solutions in the development of optimized system applications. We also have sound knowledge of electronics at your disposal. We use this for example, in the development of backplanes to international standards or with CompactPCI, VME64x and VPX requirements.

Integration services are offered in close coordination with our customers for final products tested on function and safety.

### PRODUCTS AND SERVICES

- Partially and fully assembled systems
- ESD compliant assembly / integration
- Backplanes
- Subassembly service
- SMD-equipped modules

### MANUFACTURING TECHNOLOGIES

- Semi-automatic, process-monitored press-fit technology for backplane production
- Cable assembly
- Partially and fully automated, stationary and mobile test systems for functionality and safety testing
- Interface connection test for backplanes



#### THE DEVELOPMENT OF PLASTICS

**SOLUTIONS** is part of the wide range of products and services that the POLYRACK TECH-GROUP offers. We pursue a comprehensive manufacturing process for thermoplastic parts beginning with consultation in the development, prototyping and own tool making department and culminating in a highly automated injection molding process environment to certified quality standards.

#### PRODUCTS AND SERVICES

- Tool design and construction
- Thermoplastic parts
- Back-molded plastic parts
- Thermoplastic foam injection molding (FIM)
- Multi-component technology (2C, 3C)
- Prototype parts (stereolithography, selective laser sintering, vacuum casting, 3D print)
- Custom machine engineering / insert molding

#### MANUFACTURING TECHNOLOGIES

- Process controlled injection molding; performance category of injection molding machines (clamping force): from 25 to 1300 tons
- Metallization of plastic parts

- Ultrasonic welding
- 5-axis and conventional milling techniques
- Electric discharge machining, turning, grinding
- 5-axis and conventional milling techniques
- Electrical discharge machining, turning, grinding
- Comprehensive test and measurement systems
- Individual assembly and packaging systems

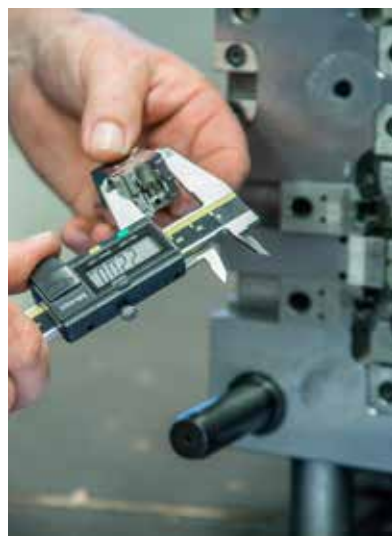
#### TYPICAL MATERIALS

- Technical plastics: PA, POM, PC, ABS, PMMA, PBT also with glass fibre or glass beads)
- Bulk plastics: PE, PP, PS
- High-performance plastics: PPS, LCP, PSU

To achieve the desired mechanical and thermal characteristics for a product, we use plastic resins in combination with colors, fillers (e.g. glass fibre or glass beads) and modifications (e.g. fire protection, impact strength, demoldability).

#### WEIGHT PER PART

- 0.5 – 6000 g



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#### CUSTOMER-SPECIFIC SOLUTION

Enclosure for handheld application made of various plastic materials



#### CUSTOMER-SPECIFIC SOLUTION

Tube case in aluminum profile technology with front panel

## /27 TECHNOLOGIES

### SURFACE TREATMENT

**WE PROVIDE THE INDISPENSABLE FINAL TOUCH** by finishing the surface in a way that fulfills both, the visual and the technical requirements of the product.

With the option of powder coating, wet painting or, typically as an example, chromating for purely technical parts, the optimal choice for the required surface finish is given. In addition, the parts can be individually marked by appropriate printing or laser engraving.

#### PRODUCTS AND SERVICES

- Silk screen and pad printing as well as cost-optimized HD printing
- Powder coating

- Laser marking
- Surface treatment by passivation
- Dispensing, bonding
- Wet painting

#### MANUFACTURING TECHNOLOGIES

- Fully and semi-automated silkscreen and pad printing
- Manual and fully automated powder coating
- Manual wet painting
- Process-controlled and environmentally safe electroplating
- Fully automatic dispensing system for industrial adhesive, sealing or EMC applications



## PRODUCTS & SERVICES

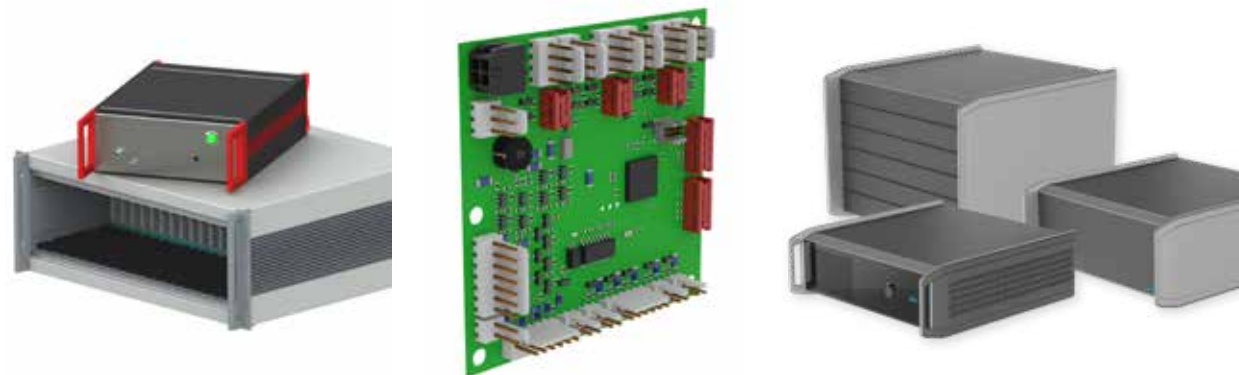
### STANDARD PRODUCTS

**IN MANY CASES, PRODUCTS** from our standard range can be used as the basis for various developments.

The POLYRACK group can serve both standardized applications and very individual requirements and areas.

The product portfolio in the area of standard products offers holistic and comprehensive solutions for electronics, such as:

- Cases
- 19" subracks
- Fan trays
- Front panels
- Cassettes
- Systems based on
  - VMEbus and VME64x
  - CompactPCI and CompactPCI Plus I/O
  - VPX
  - other standards
- PanelPC and HMI Applications (e.g. ITX-Standard)
- Backplanes
- Additional accessories



#### STANDARD PRODUCT

19"/10 U VME64x system with system management controller



#### // CAD-DATEN DOWNLOAD

Your product development process is accelerated through our 2D and 3D download area



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## PRODUCTS & SERVICES

### SERVICES

#### WE OFFER A WIDE RANGE OF SERVICES SUCH AS:

##### MOUNTING AND ASSEMBLY

- ESD-compliant assembly
- Sub-unit assembly
- Complete assemblies
- Full system assemblies
- Mechanical and electronical final tests
- Customer-specific final inspection / quality control
- Installation and testing of software

##### LOGISTICS

- Standard or customized packaging concepts
- Worldwide storage facilities - Europe, North America, Asia
- Customized logistics concepts

##### SOURCING / SUPPLY CHAIN MANAGEMENT

- Qualified purchasing management
- Specifically oriented sourcing
- Access to suppliers all over the world thanks to the qualified staff in many locations

##### EXTERNAL TECHNOLOGY SERVICES THROUGH PARTNERS (E.G.)

- Anodization
- Galvanizing (chrome, zinc, nickel)
- Wet painting

##### EXTERNAL TEST SERVICES THROUGH PARTNERS (E.G.)

- Shock / vibration tests
- EMI / RFI shielding tests



# /32

## QUALITY

**QUALITY AND ENVIRONMENTALLY CONSCIOUS THINKING AND ACTING** is a matter of course for all areas of our company group. We consider this a key prerequisite for successfully facing the constantly growing challenges of the international markets together with our business partners.

**CERTIFIED QUALITY IN ALL PROCEDURES AND PROCESSES** within the POLYRACK TECH-GROUP. In the following, you will find an overview of all certificates and management systems of our companies:

- DIN EN ISO 9001 (Quality Management System)
- DIN EN ISO 3834 (Welded sheet and profile housings, cabinets)
- IATF 16949 (Quality management system in the automotive industry)
- Quality management for suppliers in the aerospace industry according to EN 9100

### DEVELOPMENT, ADVANCED QUALITY PLANNING

- Quality planning for prototypes, pre-series and series according to customer / project requirements
- Development and construction of product-specific inspection and testing facilities
- Samplings according to PPAP, PPF, VDA or the respective customer specifications

### REACH

According to our current state of knowledge, the products supplied by the POLYRACK TECH-GROUP do not contain SVHC (Current status of the Candidate List: 2023/06/14).

### ROHS

POLYRACK TECH-GROUP products correspond to the requirements of European Directive 2011/65/EU under consideration of the delegated Directive 2015/863 unless we have been given information to the contrary.

### WEEE

POLYRACK TECH-GROUP is not a manufacturer in accordance with the European Directive 2012/12/EU (WEEE) and is therefore essentially released from this directive.



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**The quality reflects  
our daily efforts and  
leads to long-standing  
results.**

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## EDUCATION & SPONSORING



### EDUCATION AT POLYRACK

The selection of apprenticeships at POLYRACK TECH-GROUP is as large as the product and technology variety. The POLYRACK TECH-GROUP attaches great importance to the training of its own specialists and offers interesting apprenticeships with excellent prospects. From the classical technical and commercial apprenticeship up to the dual study.

In a particularly furnished and equipped training workplace, all knowledge in the metal-processing electronics industry is established for the later career entry or the internally promoted further education.

The commercial training at POLYRACK benefits from the company's global presence and cultural character.

The group of companies with POLYRACK Electronic-Aufbausysteme, as well as RAPP Kunststofftechnik and all other companies invites you to get to know a wide range of training and technology in a family-oriented environment.



Industrie- und Handelskammer  
Nordschwarzwald



### SPONSORING

As the main sponsor, POLYRACK supports the gymnastics club KTV Straubenhardt. The KTV is one of the sporting flagships of the community of Straubenhardt and the region. The main team competes in the 1st national artistic gymnastics league.



KTV STRAUBENHARDT

The youth embodies the greatest potential of the KTV Straubenhardt. The promotion of its own talents lays the foundation for sporting success in the future. The sponsoring association counts more than 40 sponsors, one of them is POLYRACK TECH-GROUP. They all enable the KTV Straubenhardt a professional youth work as well as the establishment of the 1st team in the national league.

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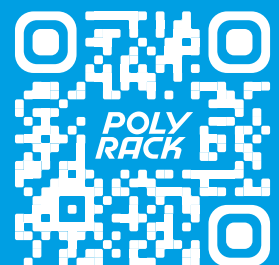
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