SYSTEC, also known as System Technology, is the process of producing and supplying solutions that are outside of the standard HAWE product catalog. SYSTEC allows customers to customize manifolds, power units and sub-assemblies with state of the art technology.
The SYSTEC Process

1. Project Request Form

The project request form is to be filled out jointly by the customer and their sales representative. Completing this document is the initial step of the SYSTEC Process. The questionnaire is compiled of technical and commercial questions, which helps gather key data on the project.

2. Input Components

The extensive product offering in our SYSTEC Component Database allows you to integrate HAWE Hydraulics’ components with non-HAWE parts.

3. Engineering

Our knowledgeable team of application engineers and regional salesmen provide the best possible solutions. After reviewing the Project Request Form our team then supplies calculations, schematics, general documents, and 3-D drawings.

4. Quote Documentation

The Price Indication or ROM (Rough Order Magnitude) is for customers who need quick price estimates. It includes a bill of material, schematics or other documents needed specifically for that project. The sales price, or final proposal, comes with a firm quote and standard documents including the bill of material, schematics, data sheets and dimensions and drawings.

5. Products & Documentation

Each system is tested and assembled according to a standard process. The units are then packaged and delivered to your door with a test report and final documentation.
Meeting extraordinary requirements is nothing out of the ordinary for us. As a hydraulic manufacturer with an extensive range of products and system technology experience, we are well positioned to customize your hydraulic systems and fully integrate it with new equipment specifications. We know obtaining unique components for equipment designs can sometimes be difficult. Partnering with us allows you to focus on your core competencies while conveniently receiving all of your hydraulic components from one single source.

Our unique approach to hydraulic solutions provides innovative, customized and turnkey systems for a number of different markets. Our modular designs increase component variations and machine functionality, allowing for optimization in the most diverse industries.

**Product Features**

**Compact, energy-efficient and durable products:**
- Consistent use of steel on all pressurized parts
- Components designed for high pressure
- Compact builds (minimized installation space)
- Permission for special usage conditions (e.g. ATEX, KBA, CE, FM, MSHA)
- Zero leakage and/or controlled leakage
- Product portfolio in a modular system
- Customized system solutions

**System Technology for Every Application**

- Consistent use of steel on all pressurized parts
- Components designed for high pressure
- Compact builds (minimized installation space)
- Permission for special usage conditions (e.g. ATEX, KBA, CE, FM, MSHA)
- Zero leakage and/or controlled leakage
- Product portfolio in a modular system
- Customized system solutions
Manifolds

Manifolds are designed to your requirements; we customize material, connection sizes, pressure stability and installation position. We round these out with accumulators, valve technology and sensors per request.

Sub-assembly

Need different sub-assemblies for the same application? We provide comprehensive packages to accommodate and complete all of your machine’s requirements. Our sub-assemblies are comprised of filters, manifolds, assembly paneling and control systems, just to name a few. We offer a range of electronic amplifier cards, programmable controllers, electronic accessories and software packages to complement our broad line of hydraulic components.

Maximum Figures

- Up to 700 bar / 10,000 psi
- Up to 9,450 lpm / 2,500 gpm
- Up to 745 kW / 1,000 HP

We are accustomed to dealing with special requirements for corrosion and surface protection. Additionally, customers benefit from our expertise in building hydraulic systems for potentially explosive environments. ATEX-compliant standardized motors, couplings, level and temperature switches are just a few examples how we provide the highest safety for the supply of pressurized oil.

Thanks to our network of reliable suppliers we can easily satisfy your requirements regarding the shape and size of reservoirs, frame constructions or other steel elements. We assume responsibility for designing, wiring and programming hydraulic systems according to your specifications and wishes.
Compact Power Units

Our standard compact power packs can be combined with customer-specific control blocks. An extensive modular range of valves provide the right solution for every function. Upon request, we also design and install these units on to steel frames.

Power Units

HAWE Hydraulics’ custom power units are available in various sizes, designs, and duty cycle ratings. Our large hydraulic power units are known for their tailored solutions. A few of our custom options include steel frame work, custom reservoirs, hydraulic accessories like coolers, filters, electric enclosures and multiple motor/pump combinations. We work together with you to make sure auxiliary components such as fans, coolers, filters, cylinders, metrology and control devices are in the most efficient locations.

Test Bench

Through in-house test facilities we provide thorough inspection analysis and documentation reports. Our test benches evaluate a wide range of products including hydraulic and pneumatic power units, manifolds, valves and valve banks. We accurately test hydraulic and pneumatic systems by using methods that replicate the long and short term effects of daily use. Our test units are outfitted with power supply which allows products from many different regions to be tested quickly and accurately.
HAWE Service Solutions
Professional preventative maintenance service plans for your system.

Our Service Competencies Include:
- Field Service
- Component Repairs
- Application Engineering
- Spare Parts
- Customized Services
- Assembly & Testing
- Core Exchange Program

We also follow-up with after-sales support, including product training, troubleshooting and field services, all of which are conducted by our team of professional hydraulic technicians.

Mobile Services
Get Hydraulic Experts Directly on Your Site!

When you need on-site assistance, HAWE’s service center provides support over the product’s entire life cycle: from start-up and training, through maintenance, all the way to inspections and optimizations. In time-critical situations our customer service is available to promptly assist you with your hydraulic needs.

Our service colleagues provide extensive know-how and expertise for complete hydraulic systems in the most diverse applications. These include for example, industrial and mobile hydraulics, building automation equipment and hydraulics inclusive offshore certifications. Furthermore, our service colleagues provide all the necessary technical equipment.

Do you need technical support, have questions about our warranty or service procedures?

Contact Us
Toll Free: (844) HAWE-Now
(844) 429-3669

Email: serviceteam@hawehydraulics.com
The HAWE Advantage

We are interested in your ideas and needs, and understand the demands placed on your machinery. This enables us to provide our customers with complete and fully tested turnkey solutions.

Consider the benefits:

- We are proficient in hydraulic solutions and system integration
- Our expertise frees your time so you can concentrate on what you do best
- We promise seamless operation of all hydraulic components
- We assemble and test the entire system in-house before delivery
- We provide a single point of contact for the entire process
- We can provide after sales support and preventative maintenance packages

SYSTEC Worldwide

SYSTEC aims to deliver the highest level of hydraulic solutions, regardless of the customers’ geographic location. Our goal is to make the technical and specialized “know-how” of the entire HAWE group available to our customers. With our global sales and service network and state-of-the-art production facilities, we can handle almost anything, from the smallest control block to the largest drive unit. You’ll benefit from low costs, reliable service and cutting-edge technology.
With three sales offices in the U.S., subsidiaries and expert partner companies throughout North America, HAWE Hydraulik is bound to have a presence in your area.

HAWE Hydraulik offers the following benefits:
■ Comprehensive individual advice and assistance
■ Customized solutions
■ Products designed and manufactured using state-of-the-art technology
■ Many years of experience and expertise in hydraulic products and their uses
■ Tailored service and maintenance contracts
■ Design, set-up and maintenance/servicing on-site

If you have any questions, please get in touch. Our experts are always happy to help.

HAWE - Charlotte
9009-K Perimeter Woods Dr. | Charlotte, NC | 28216
Tel 704-509-1599 | info@hawehydraulics.com | hawe.com

HAWE - Portland
12990 S.E. Hwy 212 | Clackamas, OR | 97015
Tel 503-222-3295 | info@hawehydraulics.com | hawe.com

HAWE - Houston
10920 West Sam Houston Pkwy N. | Suite 700 | Houston, TX | 77064
Tel 713-300-3260 | info@hawehydraulics.com | hawe.com

HAWE Hydraulik SE
Einsteinring 17 | 85609 Aschheim/München | Germany
Tel +49 89 379100-1000 | Fax +49 89 379100-91000 | info@hawe.de | www.hawe.com