



**CURTISS
WRIGHT** Controls
Drive Technology



EXPERIENCE CREATES TRUST.



BERLIN
Technologies

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DRIVEN BY RELIABILITY

EXPERIENCE

DRIVEN BY TRADITION

TRADITION, EXPERIENCE, STRENGTH

The roots of the Curtiss-Wright Corporation go back to the year 1903, back to the first flight of the Wright Brothers. In 1999, Curtiss-Wright Drive Technology was acquired and became a business unit of Curtiss-Wright Controls, Inc., headquartered in Charlotte, North Carolina. Utilize the advantages of a traditional Swiss company with the support and stability of a multinational corporation.

The foundation of our activity as a company and as employees of Curtiss-Wright Drive Technology is reliability, innovation, and quality. We believe in achieving our success through satisfied customers, trusting business partnerships, and the fair treatment of our employees. For over 60 years, we have been demonstrating flexibility, an open and dynamic corporate culture, as well as a sense of responsibility and integrity.

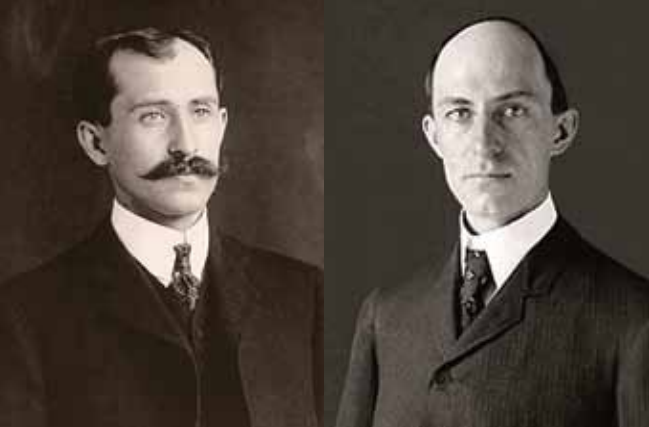
Let us shape your future together!

STRENGTH
RELIABILITY
TRADITION



1903
The first flight of the
Wright Brothers

1909
Glenn Curtiss wins the first
international flight race



DRIVEN BY SOLUTIONS

QUALITY AS AN OBLIGATION

For over 60 years we have been a competent and reliable partner for the development and manufacturing of electro-hydraulic and electro-mechanical systems for the industrial sector and defense industry. Curtiss-Wright Drive Technology stands for Swiss precision, quality, and reliability. Our goal is to offer a comprehensive all-in-one solution for every customer-specific requirement.

We will gladly also offer you more cost-effective variations through the use of standard products. With over 100 employees, half of them are engineers, we not only assume the development and manufacturing for you, but also offer numerous additional services, such as RAMS support, employee training, system integration, and much more.

Company headquarters in Neuhausen at Rhine Falls



DRIVEN BY VISIONS

THINKING ABOUT TOMORROW, TODAY

At Curtiss-Wright Drive Technology, we take responsibility for the future. One key to sustainable growth is our investment in research and development. Collaboration with universities, research institutions, and industry partners as well as advanced training measures strengthens our worldwide innovation portfolio. In addition, in order to further enhance our competitive position, we will offer comprehensive services over the entire life-time of our products. By offering a complete package of products and services, we deliver leading edge technology today and tomorrow.

1965

The legendary first chocolate pump creates a breakthrough in the food processing industry

1974

One of the leading global manufacturers of rudder control of turbine tankers

1975

Development of the first train tilting technology

1992

First order „Aiming and Stabilization System“

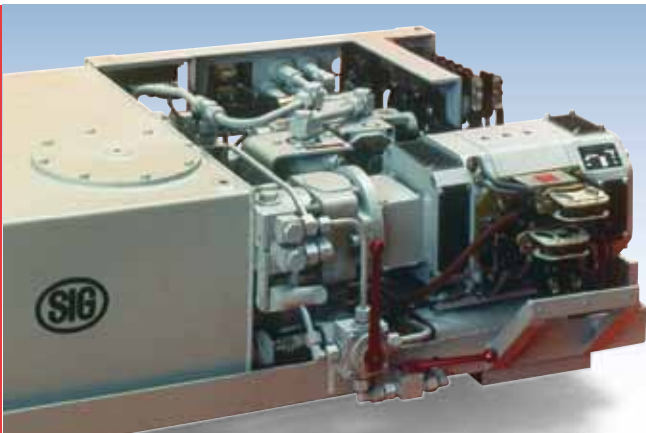
1994

First ISO certification

1995

Focus from electro-hydraulic toward electro-mechanics

today



DRIVEN BY PRECISION

SERVING DIFFERENT MARKETS IS NOT ROCKET SCIENCE, BUT OUR DAILY BUSINESS

We operate in the defense industry and the industrial sector. These are segments with differing requirements that we must meet. As an ISO-certified company, we understand the different standards (MIL, IEC, VG, EN) and always operate in strict accordance with these.

Our global customer base includes leading companies in the chocolate industry, public transportation, the steel industry, as well as the food processing industry. These diverse application areas and the related exchange of experience and know-how continuously deliver new ideas for creative and innovative product developments.

We embrace thinking and acting in an unconventional way. We enjoy new challenges, new tasks, and new branches of industry that would like to benefit from our ability to deliver. In general, the application areas of our products know no bounds, since our drive technology can be universally and reliably fitted into the most diverse environments.

- Train tilting technology
- Drive technology for steel industry
- Stabilization systems for film production
- Valve technology
(e.g. for big bore, ship diesel engine)
- Linear amplifier (e.g. for foaming industry)
- Torque amplifier (e.g. for foaming industry)
- High-speed actuator (e.g. for textile industry)

PRECISION



DRIVEN BY PEACEKEEPING

Globally, governments and security organizations are facing the challenge of protecting their country and their citizens. They rely on the quality and the reliability of their equipment.

Rely on quality and benefit from the dependable systems and products manufactured by Curtiss-Wright Drive Technology.

Curtiss-Wright Drive Technology doesn't just stand for quality products, but also for quality service.

The strict adherence to the V-model processes, the expertise of our company, and our managing of projects – from the development through to the final support – guarantee the highest quality and absolute reliability.

We support you from the project definition to upgrades, so that the selected solution offers you the best possible performance until the conclusion of its service time.

SAFEGUARDING PEACE

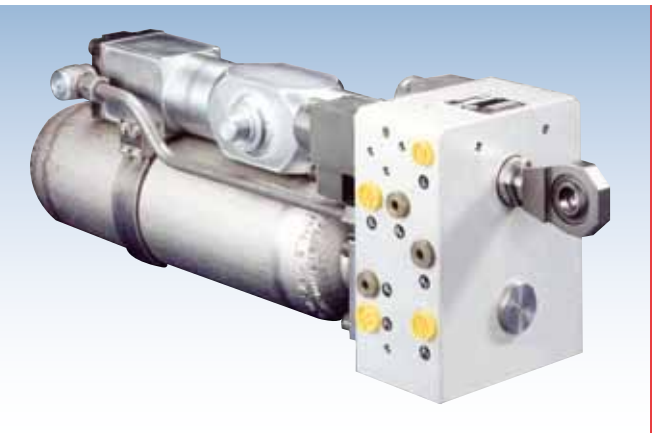
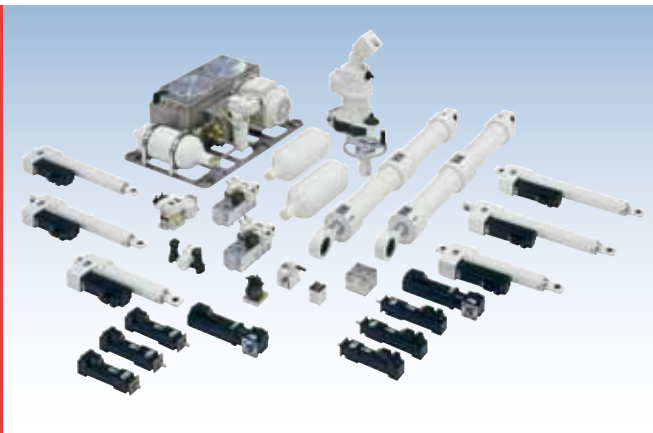
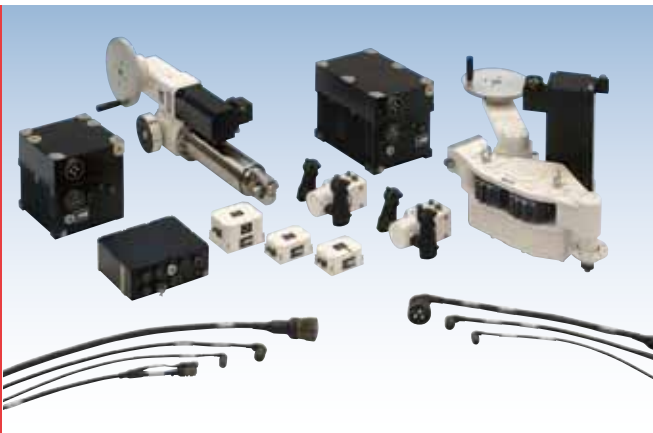


- Aiming and stabilization systems
 - Drive units
 - Hand controller
 - Gyroscopes
 - Drives (linear and rotary gear drives)
- Ammunition handling systems
 - Ammunition feeding systems
 - Flick Rammer

Aiming and stabilization systems

Ammunition feeding systems

Flick Rammer



DRIVEN BY STRUCTURE

FROM DEVELOPMENT TO COMMISSIONING –
THE PATH TO YOUR INDIVIDUAL SOLUTION

The development of customer-specific drive solutions is our core competency. To do this, we employ the most modern available technology. Based on our ongoing interaction with you as our partner, we aim to create new solutions for your success. Our standardized project management

guarantees an optimal cost-benefit efficiency and ongoing project review. Investments in research and development ensure that our systems and products are always up-to-date. Select from the following solutions, either in whole or in part:



1. DESIGN & DEVELOPMENT FOR YOUR
INDIVIDUAL SYSTEM SOLUTION

We develop and construct in accordance with your requirements. We employ the following tools:

- Simulations
- System FFT, FIR-filter, stab loops
- OS, driver, FPGA programming
- Application software (e.g. DO-178, EN 61508)
- System level build in test
- High-speed signal analysis
- Mechanical design gear, housing, etc.
- Shock and vibration analysis
- 4Q-Motor test bench with power analyzer
- Stabilization test bench
- Drive integration & commissioning

2. SUPPORT – FROM THE START
TO THE LAST SERVICE VISIT

We strive to constantly provide you with excellent service and support. Customer-focused thinking and satisfied customers are our top priority. Therefore, we offer you:

- Spare parts service
- MRO (maintenance, repair, and overhaul)
- Staff training /documentation
- Obsolescence management

DEVELOPMENT

STAFF TRAINING
SERVICES



DRIVEN BY QUALITY

3. INTEGRATED LOGISTICS SUPPORT (ILS)

We are familiar with the requirements of the defense industry. Using ILS, we plan and support the development of logistics concepts for military systems. The goal is to reduce your maintenance costs while increasing the profitability of your investment – even for a long product lifecycle. Therefore, we not only focus on the maintenance of your system during commissioning, but also during the system’s operational lifecycle.

We offer the following systems:

- RAMS reliability & security analysis
- ILS/LCC
- MIL specifications/EQT’s
- Training and training equipment support
- Packaging, handling, storage, transportation (PHS&T)

4. QUALITY

As a Swiss company, quality, precision, and reliability play a vital role – a company standard that is supported and lived by each individual employee.

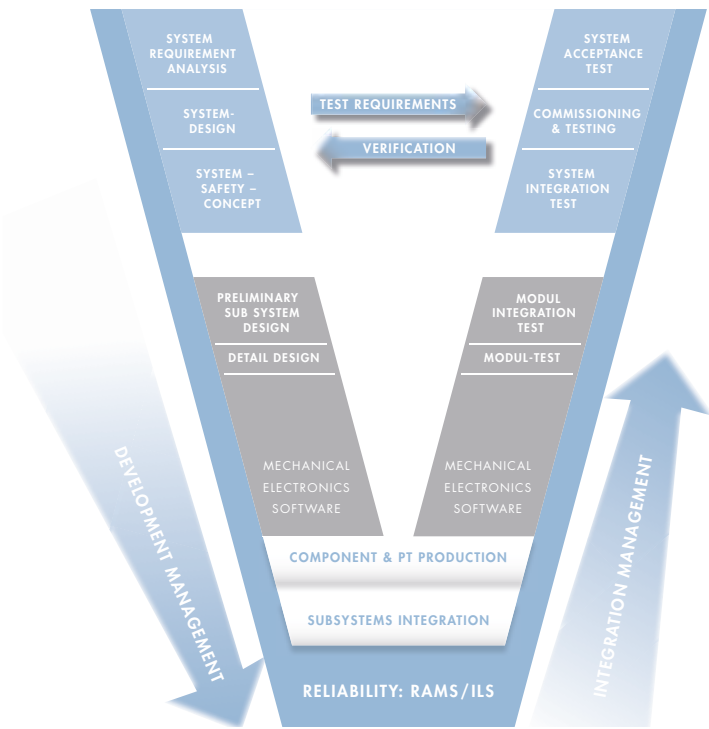
Therefore, we offer you:

- ISO 9001:2012
- 100% quality check
- Lean management
- RoHS

5. OFFSET

Our global partners give us the flexibility to fulfill offset obligations. There is no additional charge to you. We diligently select our suppliers on the basis of customer requirements – each partner is a top specialist in their field. The ongoing auditing and continuous monitoring of all suppliers guarantee you first-class quality.

- Counter trade
- Dual use products
- Global partner



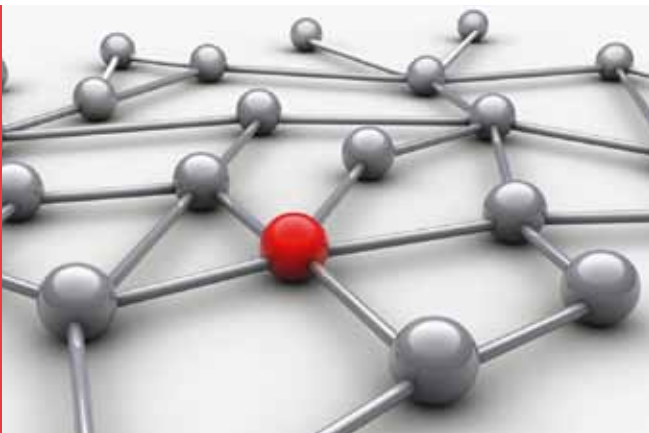
DRIVEN BY YOU

We move the world for you – let us show you the quality and reliability of the products, services, and systems of Curtiss-Wright Drive Technology.

We are here to assist you.



V-Model: your project in a systematic manner. All of our internal processes are defined. The continual monitoring of your project’s progress will lead your project to success.



INNOVATION IN MOTION



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