

Duplomatic Group

Corporate Overview

February 5th 2025 Website Edition

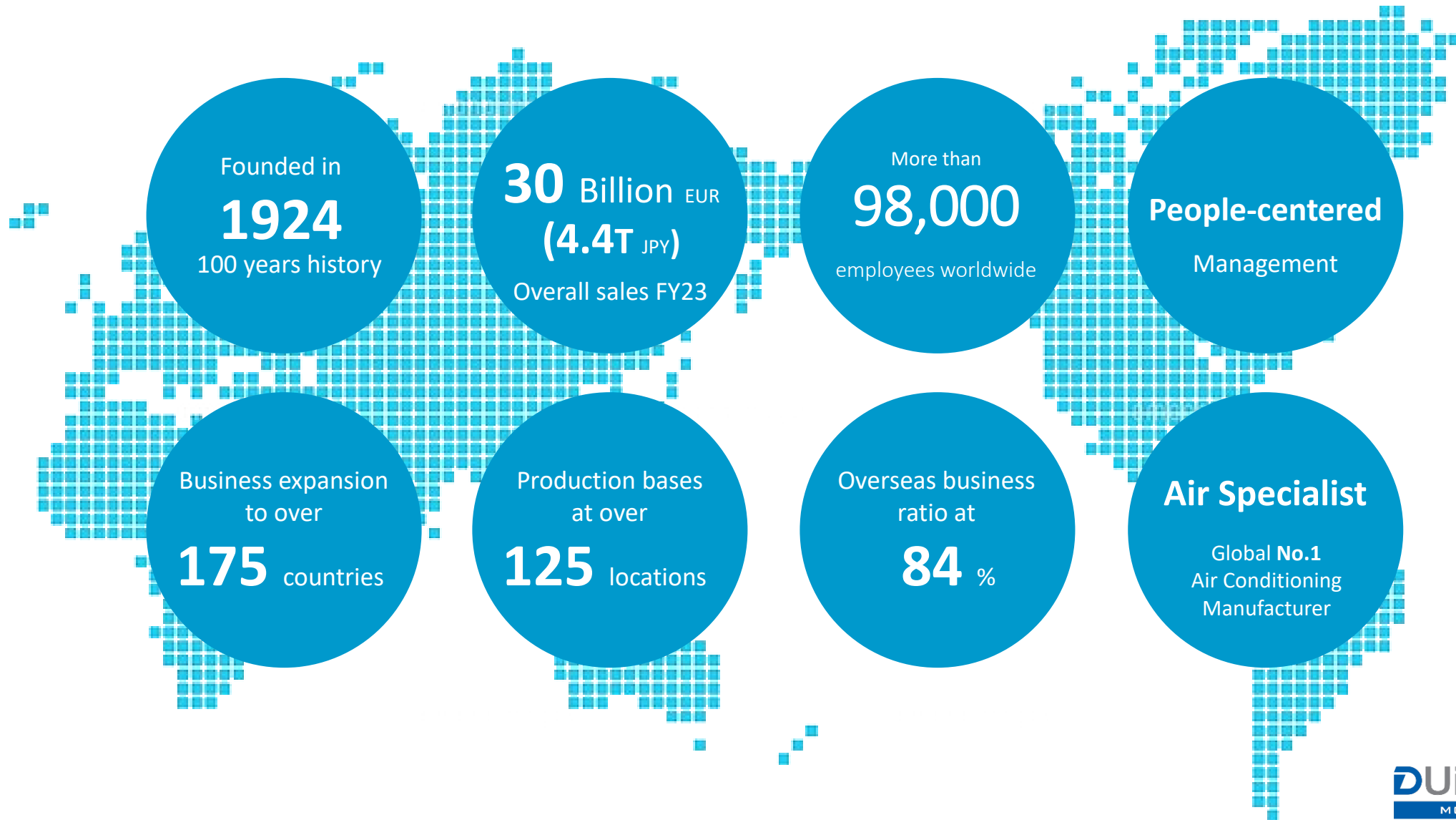


INDEX



1. About Daikin
2. Focus on sustainability
3. Diplomatic Group
4. At a glance
5. Diplomatic organic growth
6. Growth through acquisitions
7. Group timeline
8. Brand history – merge & acquisitions
9. Product ranges
10. Industrial applications
11. Mobile applications
12. Turnkey projects
13. Innovation
14. IO-Link
15. Quality management system
16. Technology competence
17. Our people
18. Daikin Group Philosophy

1. DAIKIN OVERVIEW

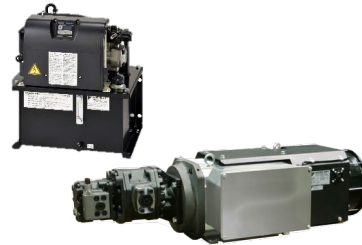


1. DAIKIN OVERVIEW



Daikin Technology Innovation Center

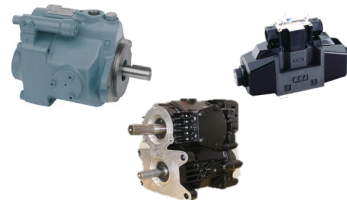
Oil Hydraulics



"Hybrid" Power Units



Industrial process chillers



Pumps, Valves, HST

Air Conditioning



Residential



Commercial



After Sales Service

Chemicals



Refrigerant

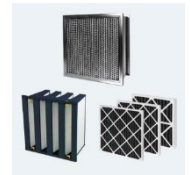


Semiconductor Applications



Automotive Applications

Others



Filters



Oxygen Concentrators



IT Software

1. DAIKIN HYDRAULIC BUSINESS FIELDS

Industrial hydraulics

Hybrid hydraulic products



Oil/water chiller

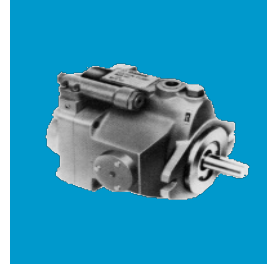


Super Unit



ECO-RICH

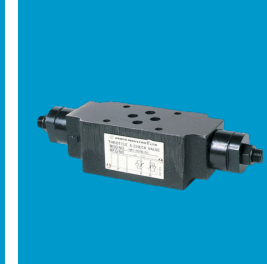
Conventional hydraulic components



Pumps

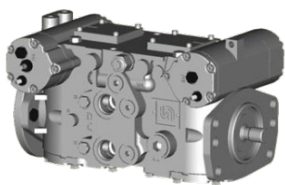


Solenoid valves



Modular stack valves

Mobile hydraulics



Hydrostatic Transmission
for construction machinery



Lubrication



Grease Pumps for Steel Mill

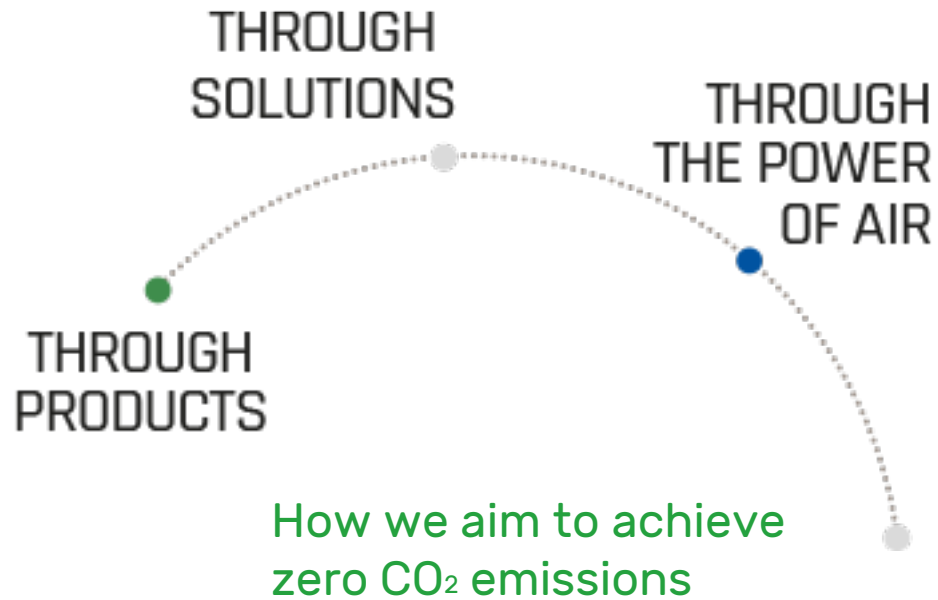


1. GLOBAL PRESENCE & WORLDWIDE SUPPORT



2 . F O C U S O N S U S T A I N A B I L I T Y

Daikin Environmental Vision 2050

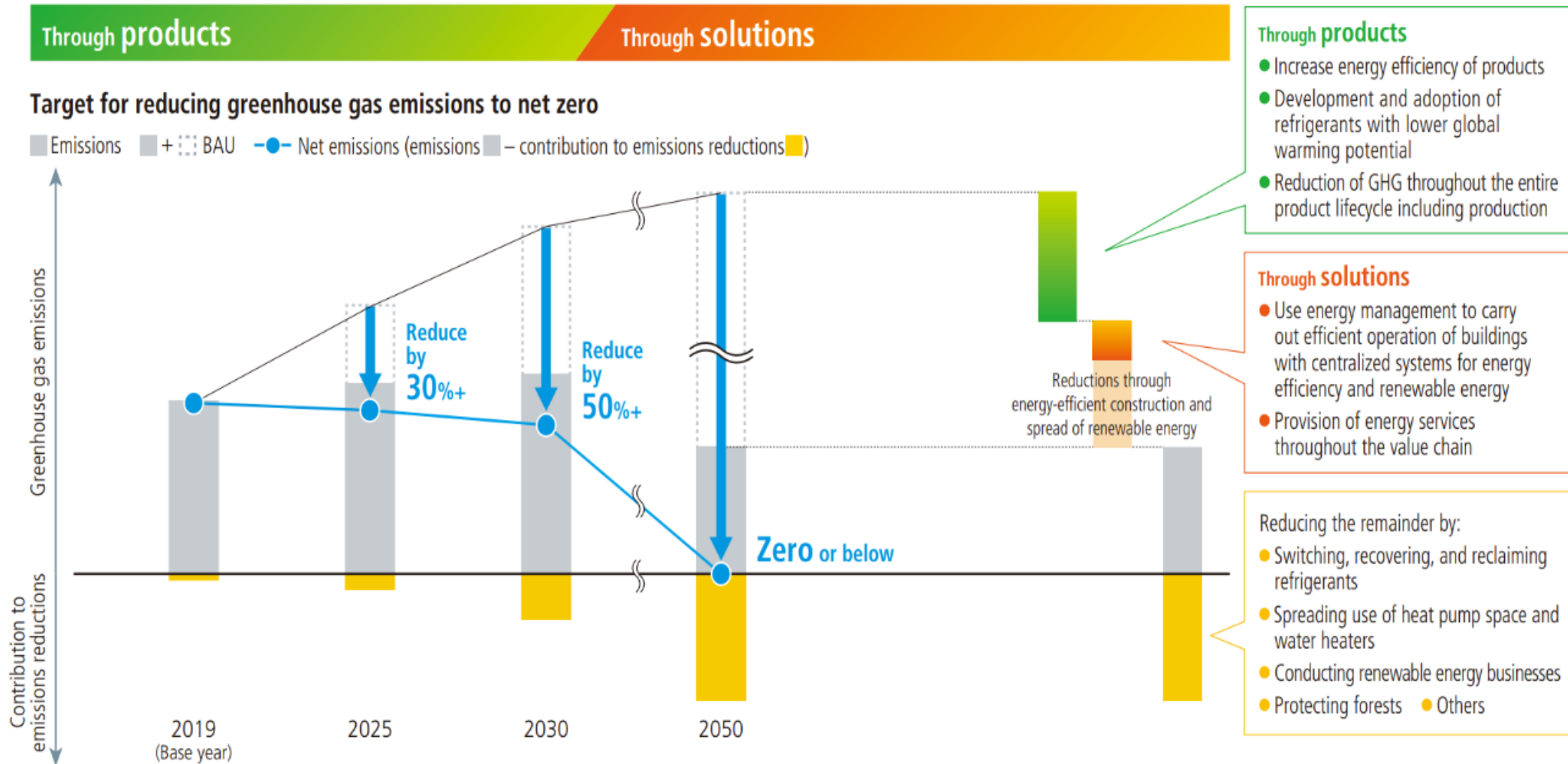


- More energy-efficient products
- Development and adoption of refrigerants with low global warming potential
- Promoting heat pump technology
- Use of energy management to carry out efficient operation of buildings
- Provision of energy services throughout the value chain
- Recovery and recycling of refrigerants



2. FOCUS ON SUSTAINABILITY

With the base year set at 2019, we aim to **reduce greenhouse gas emissions by 30% or more in 2025 and by 50% or more in 2030** compared with emissions without measures (Business As Usual).



2. FOCUS ON SUSTAINABILITY



Most energy consumption comes from the machine line in factories.

Machining line	Assembly	Compressor	Air conditioning	Lighting and other
45%	18%	18%	14%	5%

Our **Hybrid Systems** provide energy savings compared to conventional hydraulic units, contributing to reduction of greenhouse gas emission in industrial sectors.



INVERTER-CONTROLLED HYDRAULIC POWER UNITS

ECO-RICH



SUPER UNIT



INVERTER CHILLER

(low GWP R32)

3 . D U P L O M A T I C G R O U P

DIPLOMATIC GROUP designs and manufactures technology solutions for motion control in multiple sectors.

3 BRANDS

DIPLOMATIC
MOTION SOLUTIONS
a member of **DAIKIN** group



Diplomatic MS
for industrial
applications

HYDRECO
a member of **DAIKIN** group



Hydreco Hydraulics
for mobile
applications

CONTINENTAL
HYDRAULICS
a member of **DAIKIN** group



Continental Hydraulics
for industrial applications
in North America

4. AT A GLANCE

HIGHLIGHTS

at 31.12.2024



Headquarter

Parabiago
(Milan, Italy)



17

plants worldwide



700 ~

employees



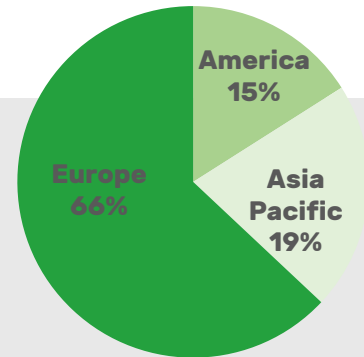
5,000 +

customers



138 Mln €

group consolidated
turnover



turnover by
geographic area

5. DIPLOMATIC GROUP

DIPLOMATIC
MOTION SOLUTIONS

a member of **DAIKIN** group



Diplomatic MS Spa

FOUNDATION 1952

LOCATION

> **Parabiago (Milan, Italy)**

PRODUCTS

Valves, systems, electronic devices and electric actuators
Turnkey projects

Diplomatic MS Spa
BU Hydraulic Systems
FOUNDATION 1985

LOCATIONS

> **Lainate (Milan, Italy)**

> **Padova (Italy)**

PRODUCTS

Complex hydraulic systems for industry, energy, off-shore, iron & steel, oil & gas

Diplomatic MS Spa
BU Mechatronics
FOUNDATION 2020

LOCATIONS

> **Rosta (Turin, Italy)**

> **Sulbiate (Monza Brianza, Italy)**

PRODUCTS

Rosta
(Production Plant)
Electric actuators
Sulbiate
(Design Center)
Electronic devices for Industry 4.0

Diplomatic MS Spa
BU Chillers
FOUNDATION 2024

LOCATION

> **Busto Arsizio (Varese, Italy)**

PRODUCTS

Industrial chillers

Diplomatic MS Spa
BU Electric Drives & Motors
FOUNDATION 2024

LOCATION

> **Barbarano Mossano (Vicenza, Italy)**

PRODUCTS

Reluctance motor R&D

Diplomatic Hydraulics Shanghai
FOUNDATION 2015

LOCATION

> **Shanghai**
Shanghai Pudong
Plant2, No.81 Luda Road,
Pudong New Area

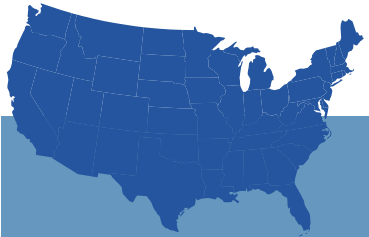
PRODUCTS

Valves

DIPLOMATIC
MOTION SOLUTIONS

a member of **DAIKIN** group

6. DIPLOMATIC GROUP



**Continental
Hydraulics**

FOUNDATION 1962

ACQUISITION: 2011

LOCATION
> **Shakopee** (MN, USA)

PRODUCTS
Pumps, valves, systems

SECTORS
Industrial applications



**Hydreco
Hydraulics**

FOUNDATION 1860

ACQUISITION: 2019

LOCATION
> **Poole** (UK), Italy,
Germany, Norway,
India, Australia, USA

PRODUCTS
Pumps, valves, PTOs,
cylinders, controls

SECTORS
Mobile applications



Hydreco Italia Srl
LOCATION
Vignola (Modena, Italy),
Parma (Italy)

PRODUCTS
Remote controls, pilot
valves, direct control
valves, gear pumps



Hydreco Srl
LOCATION
San Cesario s/P
(Modena, Italy)

PRODUCTS
Hydraulic cylinders



Hydreco India Ltd
LOCATION
Bangalore (India)

PRODUCTS
Gear pumps



Hydreco Norway A/S
LOCATION
Nittedal (Norway)



Hydreco Pty Ltd
LOCATION
Seven Hills
(NSW, Australia)
Welshpool
(WA, Australia)

PRODUCTS
PTOs, pumps, valves,
controls



**Hydreco Hydraulics
Germany**

FOUNDATION 1962

ACQUISITION: 2021

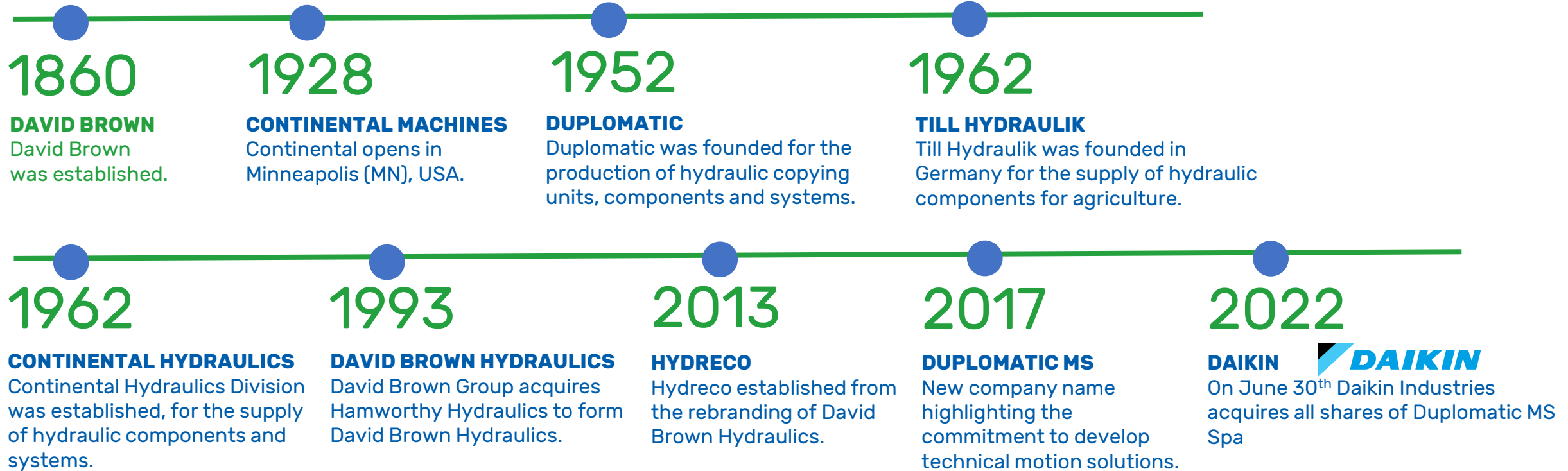
LOCATION
> **Helmstedt** (Germany)

PRODUCTS
Valves, control technology,
cylinders, micro hydraulics

SECTORS
Medical and mobile
applications

7. GROUP TIMELINE

our journey to date

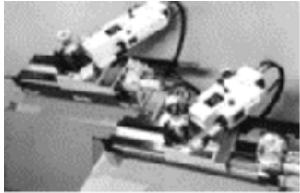


8 . D U P L O M A T I C B R A N D H I S T O R Y



1952

Foundation of Duplomatic (hydraulic copying units)



1960

Production of a complete hydraulic range



1962

Duplomatic Oleodinamica, fully dedicated to hydraulics



1997

Spin off of Duplomatic Oleodinamica.



2015

Duplomatic Hydraulics Shanghai, to serve directly the Chinese market



2017

New company name DUPLOMATIC MS Spa



2018

New branch in the Middle East



2022

Duplomatic Motion Solutions a member of Daikin group



*a member of **DAIKIN** group*

8 . M E R G E R & A C Q U I S I T I O N S



2011

Acquisition of **Continental Hydraulics** in the USA (industrial hydraulics)



2014

Acquisition of **HidruX** (system integrator)



2015

Acquisition of **OCS** (hydraulic cylinders for mobile applications)



2016

Acquisition of **EuroSEI** (mechatronic systems)



2017

Acquisition of **Tecnologie Industriali** (system integrator)



2019

Acquisition of **Hydreco Hydraulics** (mobile hydraulics)



2021

Acquisition of **TILL Hydraulik** (industrial and mobile hydraulics)



2023

Integration of **PHILIPP ACON Hydraulik GmbH**, a branch of PHILIPP GROUP (hydraulic cylinders for mobile applications), Germany



2024

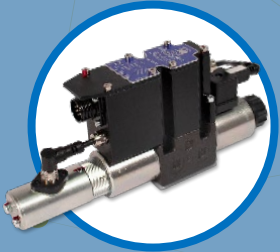
Integration of **EATA EQUIPAGGIAMENTI Srl**, an industrial chiller manufacturer in Italy

Foundation of **BU ELECTRIC DRIVES & MOTORS** within Duplomatic MS



9. PRODUCT RANGES

VALVES



PUMPS



POWER TAKE OFFS



HYDRAULIC SYSTEMS



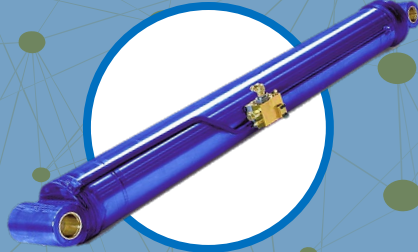
HYBRID SYSTEMS *
- VFD CONTROL HPU



HYBRID SYSTEMS *
- INVERTER CHILLER



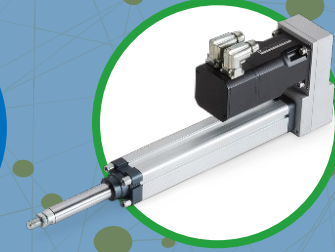
MICRO HYDRAULICS



HYDRAULIC CYLINDERS



REMOTE CONTROLS



ELECTRIC ACTUATORS*



ELECTRIC DRIVES & MOTORS *



INDUSTRIAL PROCESS CHILLERS *



TURNKEY PROJECTS

* sustainable/energy saving solutions

10 . APPLICATIONS

industrial

INDUSTRIAL MACHINERY
LUBRICATION
MARINE
MEDICAL TECHNOLOGY
OIL & GAS
POWER GENERATION
RAILWAY
TESTING
TURNKEY



11. APPLICATIONS

mobile

AGRICULTURE
CONSTRUCTION
EARTH MOVING
FORESTRY
MATERIAL HANDLING
MINING
MUNICIPAL
TRANSPORT



12. TURNKEY PROJECTS

EXPO 2020 (DUBAI, UAE)

The UAE Pavilion, designed by Santiago Calatrava, is inspired by the hawk, symbol of the country.

Design, manufacturing, installation, test and commissioning of the motion system used for the actuation of 28 carbon/glass-fiber shaped wings (5 to 14 tons, total lengths in the range 30 to 65 m).

- 1 MW installed power
- 46 hydraulic cylinders
- 2.5 km high-pressure piping
- 20 km of electric cables and conduits
- approx. 2,000 control points spread on the whole building
- 17 electric cabinets for power supply and motion control, including dedicated motion control cards and 9 PLCs.



Photo by: Barbara Burg + Oliver Schuh, www.palladium.de

TOGETHER
we design the future

We strongly believe that innovation comes from Customer understanding and through a long and structured process of Research & Development.

We are constantly focused both on the organic build-up of competences and a strategy of growth focused on acquisitions.

R&D

Our investments in **R&D** are aimed at consolidating existing technologies and developing solutions for new applications. We believe in the transformation of core traditional hydraulic products through the digital paradigm. **IO-Link** is a good example. We cooperate with **top Universities and R&D centers** worldwide to enable the innovation.

ACQUISITIONS

The acquisition of companies with complementary technologies guarantees the preservation of the Group **technological excellence and worldwide leadership**, thanks to the development of constantly new products and services.

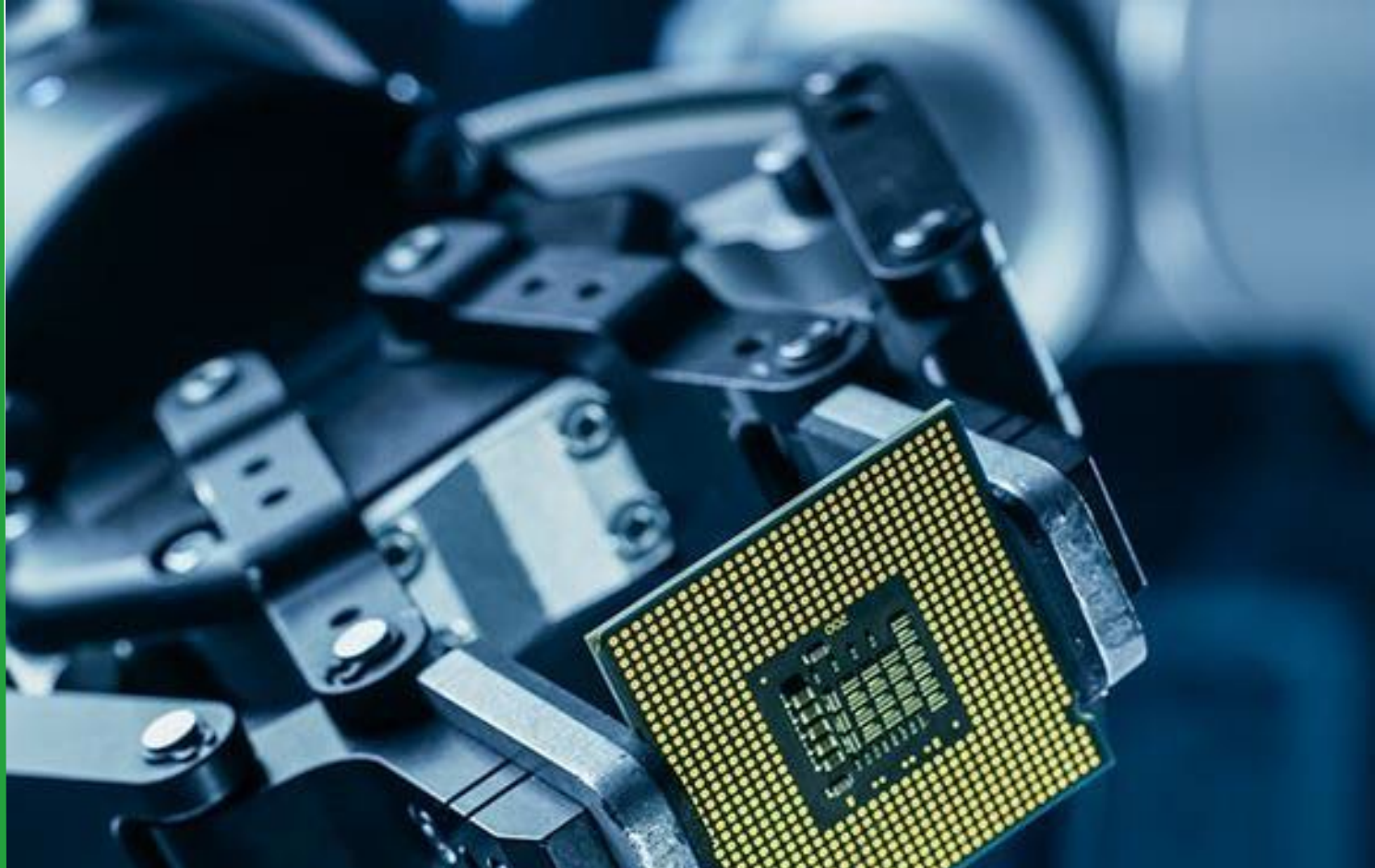
We are ready to design the future, **everyday.**

14. IO-LINK

Diplomatic MS is engaged in promoting **IO-Link** as digital communication protocol to enable the 4.0 revolution.

Diplomatic IO-Link is a challenge that goes beyond the development of a new range of hydraulic valves.

IO-Link is a universal communication technology capable of digitizing all devices used in a system, enabling the exchange of useful diagnostic information from remote components, without adding complexity.



Diplomatic actively supports and promotes the digital transformation introduced thanks to the 4.0 paradigm with new products and solutions.

INDUSTRY 4.0

15. QUALITY MANAGEMENT SYSTEM

QUALITY

ISO 9001

Diplomatic Quality Management System aims at:

- creating a "quality culture"
- ensuring an ongoing control of the Quality Management System in order to reach the zero-defect threshold
- ensuring a suitable training aimed at supporting the quality obtained through staff trainings
- suggesting product updating and improvement
- monitoring customer satisfaction.

ENVIRONMENT

ISO 14001

Diplomatic supports the importance of protecting the environment and of spreading a culture of respect and responsible management of natural resources.

HEALTH & SAFETY

ISO 45001

Managing security means guaranteeing the safety of all our people. We do this through models of organization and risk management according to the ISO 45001 standards, which analyze the hazards and identify the necessary measures to avoid or reduce them.



16. TECHNOLOGY COMPETENCE



UNIVERSITIES

Strong cooperation with **Federico II University**, (Naples, Italy), **Bournemouth University** (UK), **Minneapolis University** (MN, USA), for curricular internships, degree thesis and post graduate experience.



IO-Link COMPETENCE CENTER

Diplomatic training and coaching for the development of IO-Link based products by companies. On the job training and audits to support companies in new Industry 4.0 projects.



DIPLOMATIC ACADEMY

Diplomatic Academy is dedicated to hydraulics & motion control professionals (internal staff and customers). Basic and advanced level. Classroom and online training.



*We build
competences
for motion
solutions.*

Roberto Maddalon, CEO



ACADEMY
DIPLOMATIC
MOTION SOLUTIONS
a member of **DAIKIN** group

DIPLOMATIC
MOTION SOLUTIONS
a member of **DAIKIN** group

17. OUR PEOPLE



“ Coming together is a beginning. Keeping together is progress. Working together is success. ”

Henry Ford



Together,
We Brighten the Future

Daikin Group Philosophy

Our purpose is to provide comfort and security for all. At Daikin, we believe in the infinite potential of people. With our passion and innovative technologies, we create a sustainable and bright future.

- ✓ Resolve Social Issues and Enhance Corporate Value
- ✓ Create New Value by Anticipating Future Needs
- ✓ Build a Better Society through Innovative Technologies
- ✓ Take Action to Maintain Social Trust
- ✓ Think Globally and Be Flexible and Vibrant
- ✓ Practice “People-Centered Management (PCM)” and Provide Challenging Opportunities



BE A MEMBER
OF DAIKIN GROUP

Thanks for your attention

www.diplomaticmotionsolutions.com

CONTACT

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