

A background image showing the Earth's horizon from space, with a blue atmosphere and a dark surface covered in city lights. A bright star or sun is visible on the right side, creating a lens flare effect. A yellow vertical bar is on the left edge.

# Duplomatic Group

---

## BU Hydraulic Systems Overview

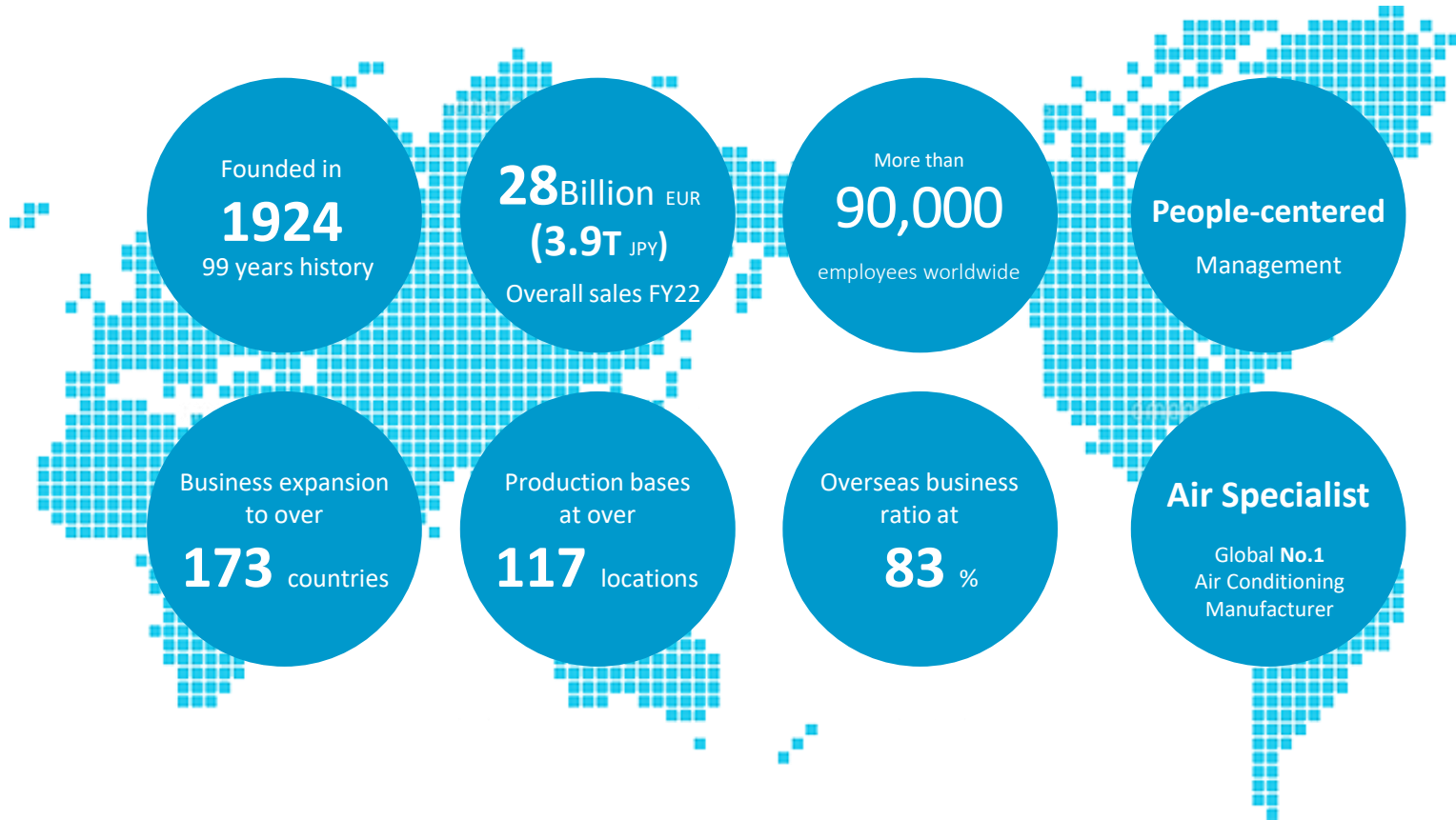
2023 August Website edition

# INDEX



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

# 1. DAIKIN OVERVIEW



# 1. DAIKIN'S BUSINESS



Daikin Technology  
Innovation Center

## Air Conditioning



Residential



Commercial



After Sales Service

## Chemicals



Refrigerant



Semiconductor  
Applications



Automotive  
Applications

## Others



Oil Hydraulics



Filters



Oxygen  
Concentrators

# 1. DAIKIN HYDRAULIC BUSINESS FIELDS



## Industrial hydraulics

### Hybrid units



Oil cooling unit

Super Unit

ECO-RICH

### Conventional items



Pumps

Solenoid valves

Modular stack valves

## Mobile hydraulics



Construction Vehicles

## Lubrication



Grease Pumps

Steelmaking Facility

## 2. DIPLOMATIC GROUP

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

**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

**TILL  
HYDRAULIK**  
a member of **DAIKIN** group



Till Hydraulics  
for microhydraulics  
and mobile  
applications in the  
German market

### 3 . AT A GLANCE

# HIGHLIGHTS

at 31.12.2022



Headquarter

Parabiago  
(Milan, Italy)



15

plants worldwide



600

employees



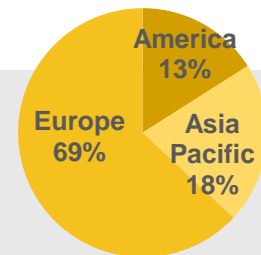
5,000 +

customers



163 Mln €

group consolidated  
turnover



turnover by  
geographic area

## 4. DIPLOMATIC ORGANIC GROWTH

**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

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 Plants)  
Electric actuators  
Sulbiate  
(Design Center)  
Electronic devices for Industry 4.0

Diplomatic MS Spa  
**BU Turnkey Projects**  
**FOUNDATION 2020**

**LOCATION**

> **Parabiago**  
(Milan, Italy)

**PRODUCTS**

Special and innovative turnkey projects

**Diplomatic Hydraulics**  
**Shanghai**  
**FOUNDATION 2015**

**LOCATION**

> **Shanghai**  
Pudong Chuansha  
Economic Park, China

**PRODUCTS**

Valves

**Diplomatic**  
**Middle East**  
**FOUNDATION 2018**

**LOCATION**

> **U.A.E.**  
P.O. Box 214525  
**Dubai, UAE**

Warehouse 6, Building 7,  
Plot 597-260  
Dubai Investment Park 2  
**Dubai, UAE**

**PRODUCTS**

Turnkey Projects



# 5. GROWTH THROUGH ACQUISITIONS



**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 (MO), Parma (Italy)

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



**Hydreco - India LTD**  
**LOCATION**  
 Bangalore (India)

**PRODUCTS**  
 Gear pumps



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

**PRODUCTS**  
 PTOs, pumps, valves, controls



**Till Hydraulik**

**FOUNDATION 1962**

**ACQUISITION: 2021**

**LOCATION**  
 > Helmstedt (Germany)

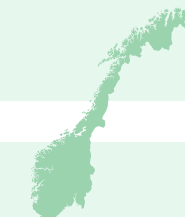
**PRODUCTS**  
 Valves, control technology, cylinders, micro hydraulics

**SECTORS**  
 Medical and mobile applications

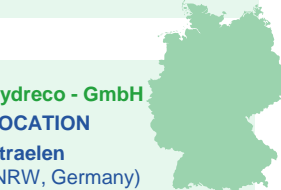


**Hydreco - Srl**  
**LOCATION**  
 San Cesario s/P (MO, Italy)

**PRODUCTS**  
 Hydraulic cylinders



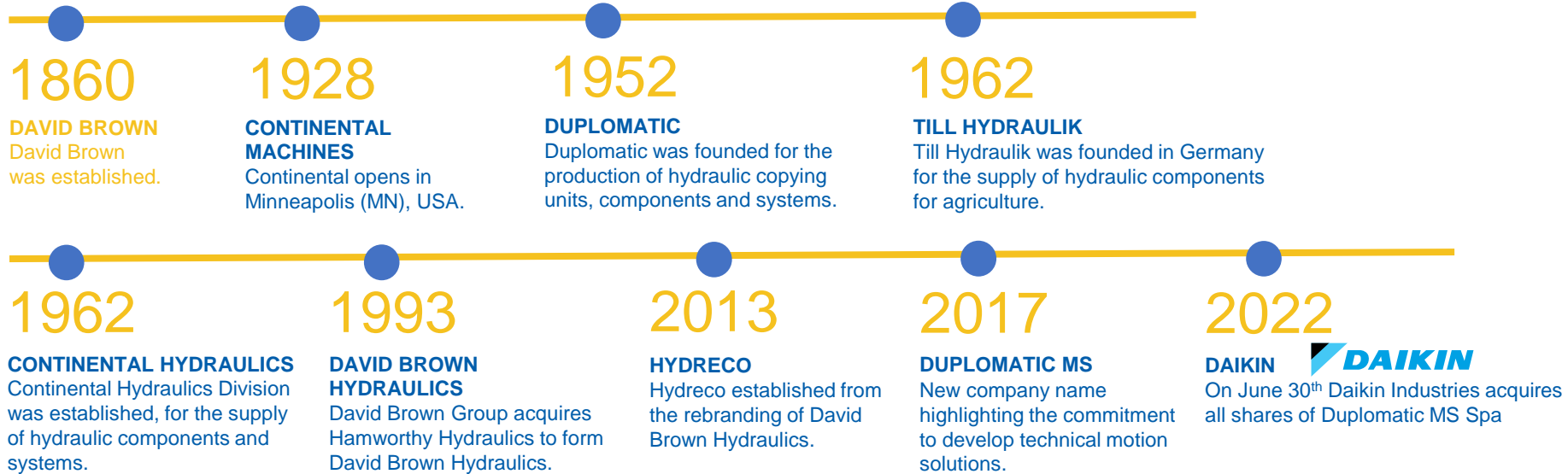
**Hydreco - Norway A/S**  
**LOCATION**  
 Nittedal (Norway)



**Hydreco - GmbH**  
**LOCATION**  
 Straelen (NRW, Germany)

## 5 . G R O U P T I M E L I N E

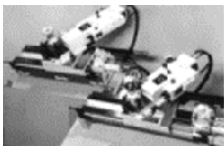
# our journey to date



## 6 . 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. Private Equity.



2015

Duplomatic Hydraulics Shanghai, to  
serve directly the Chinese market



2017

New company name  
DIPLOMATIC MS Spa



2018

New branch in  
the Middle East



## 6 . M E R G E & 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)



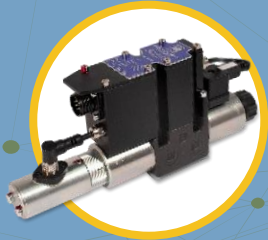
2021

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



# 7. PRODUCT RANGES

VALVES



PUMPS



POWER TAKE OFFS



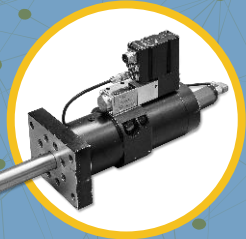
SYSTEMS



MICRO HYDRAULICS



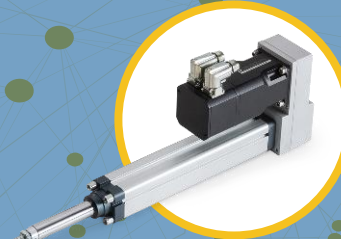
HYDRAULIC CYLINDERS



REMOTE CONTROLS



ELECTRIC ACTUATORS



TURNKEY PROJECTS



# BU HYDRAULIC SYSTEMS

Lainate (MI) and Padova, Italy

HYDRAULIC SYSTEMS  
TEAM

8 . HYDRAULIC SYSTEMS TEAM



Diplomatic's Hydraulic Systems BU is today one of the main Italian players in the design and production of customized systems. It relies on the qualified teams of Lainate (Milan) and Padua.

## 9. HYDRAULIC SYSTEMS AT A GLANCE

# HYDRAULIC SYSTEMS HIGHLIGHTS

at 31.12.2022



2

plants in Italy



62

employees



150 +

customers



17 Mln €

turnover



# 10. BU HYDRAULIC SYSTEMS - LAINATE



Dedicated to the design and production of industrial and power generation systems and manifolds.

## LAINATE (MI) PLANT



3,200 sqm

FOUNDATION YEAR



1991

35 Employees



# 10. BU HYDRAULIC SYSTEMS - PADOVA



Dedicated to the design and production of off-shore and turnkey systems and manifolds.

## PADOVA PLANT



2,500 sqm

FOUNDATION YEAR



1985

27 Employees



# 11. APPLICATIONS

## industrial

INDUSTRIAL MACHINERY  
POWER GENERATION  
OFF-SHORE  
OIL & GAS



# 11. APPLICATIONS

## industrial

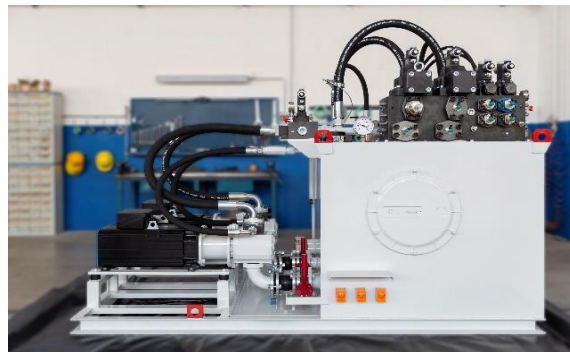
IRON & STEEL  
RECYCLING  
TEST BENCHES  
TURNKEY



# 11. APPLICATIONS

## industrial

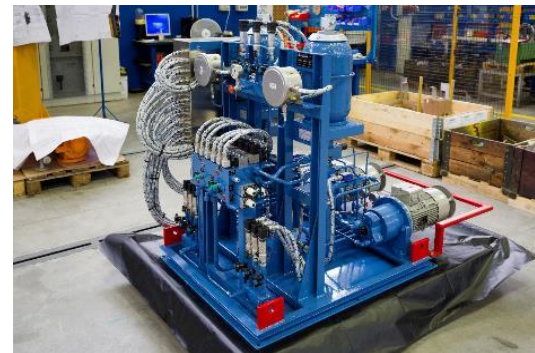
INDUSTRIAL MACHINERY



# 11. APPLICATIONS

## industrial

### POWER GENERATION



# 11. APPLICATIONS

## industrial

OFF-SHORE



# 11. APPLICATIONS

## industrial

OIL & GAS

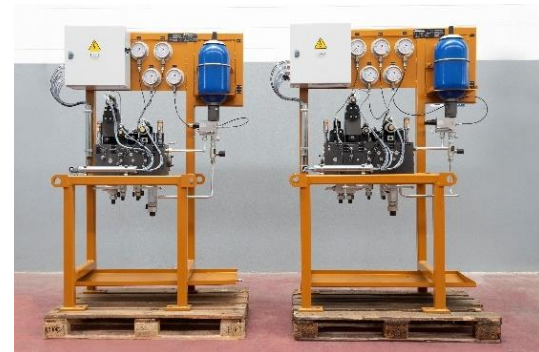




# 11. APPLICATIONS

## industrial

IRON & STEEL



# 11. APPLICATIONS

## industrial

RECYCLING



# 11. APPLICATIONS

## industrial

TEST BENCHES



## 1 2 . T U R N K E Y P R O J E C T S

# 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.



# 12. 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.



# 13. OUR PEOPLE@BU HYDRAULIC SYSTEMS



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

*Henry Ford*

people  
ambition  
coordinations  
taste

availability  
safety  
awareness  
research  
team  
communication  
culture  
confidence  
problem solving  
passion  
competition  
ethics  
synergies  
target  
flexibility  
no limits  
commitment  
reliability  
customisation  
tailor made solutions

# DIPLOMATIC

MOTION SOLUTIONS

BU HYDRAULIC SYSTEMS

marketing  
attitude  
creativity  
suitability  
responsiveness

procedures  
strategy  
ideology  
rules  
willingness  
relationship  
innovation  
skills  
honesty  
development  
goals  
excellence  
beliefs  
engineering  
growth  
satisfaction  
quality  
customer care  
integrity  
industry  
group  
production capacity  
know how  
customer care



BE A MEMBER  
OF DAIKIN GROUP

Thanks for your attention

[www.diplomaticmotionsolutions.com](http://www.diplomaticmotionsolutions.com)

CONTACT

[vendite.systems@diplomatic.com](mailto:vendite.systems@diplomatic.com)