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

3 BRANDS

Duplomatic for industrial applications

Hydresco Hydraulics for mobile applications

Continental Hydraulics for industrial applications in North America
2. AT A GLANCE

HIGHLIGHTS at 31.12.2019

- **Headquarter**: Parabiago (Milan, Italy)
- **Plants worldwide**: 11
- **Employees**: 450 +
- **Customers**: 4,500 +
- **Group consolidated turnover**: 114 Mln €

**Turnover by geographic area**:
- **Europe**: 63%
- **Asia Pacific**: 21%
- **America**: 16%
### Continental Hydraulics
- **Location:** Shakopee (MN, USA)
- **Foundation:** 1962
- **Turnover:** 18.3 Mln USD
- **Employees:** 63
- **Acquisition:** 2011
- **Products:** Pumps, valves, systems
- **Sectors:** Industrial applications

### OCS Srl
- **Location:** S. Cesario s/P (MO, Italy)
- **Foundation:** 1969
- **Turnover:** 18.5 Mln €
- **Employees:** 57
- **Acquisition:** 2015
- **Products:** Hydraulic cylinders
- **Sectors:** Mobile applications

### Tecnologie Industriali
- **Location:** Padova, Italy
- **Foundation:** 1968
- **Turnover:** 8 Mln €
- **Employees:** 30
- **Acquisition:** 2017
- **Products:** Systems
- **Sectors:** Oil & Gas and off-shore applications

### Hydreco Hydraulics
- **Locations:** Poole (UK), Germany, Italy, Norway, India, Australia, USA
- **Foundation:** 1860
- **Turnover:** 28 Mln €
- **Employees:** 115
- **Acquisition:** 2019
- **Products:** Pumps, valves, cylinders, controls, PTOs
- **Sectors:** Mobile applications
5. HYDRECO ORGANIC GROWTH

**Hydreco Hydraulics Ltd**
- **Location**: Unit 32, Factory Rd, Poole, BH16 5SL, England, UK
- **Location**: 1,900 square meters
- **Employees**: 32
- **Products**: Gear pumps

**Hydreco Hydraulics Norway A/S**
- **Location**: Nittedal, Norway
- **Employees**: 21
- **Products**: remote controls, pilot valves

**Hydreco Inc**
- **Location**: Rock Hill (SC, USA)
- **Employees**: 3

**Hydreco Hydraulics GmbH**
- **Location**: Straelen (NRW, Germany)
- **Employees**: 4

**Hydreco Hydraulics Pty Ltd**
- **Locations**: Seven Hills (NSW, Australia), Welshpool (WA, Australia)
- **Location**: 2,700 square meters
- **Employees**: 32
- **Products**: PTOs, pumps, valves, controls
6. Group Timeline

Our journey to date

1860 DAVID BROWN
David Brown was established.

1928 CONTINENTAL MACHINES
Continental opens in Minneapolis (MN), USA.

1952 DUPLOMATIC
Duplomatic was founded for the production of hydraulic copying units, components and systems.

1962 CONTINENTAL HYDRAULICS
Continental Hydraulics Division was established, for the supply of hydraulic components and systems.

1963 DAVID BROWN HYDRAULICS
David Brown Group acquires Hamworthy Hydraulics to form David Brown Hydraulics.

1993 HYDRECO
Hydreco established from the rebranding of David Brown Hydraulics.

2013 DUPLOMATIC MS
New company name highlighting the commitment to develop technical motion solutions.

2017
7. GLOBAL PRESENCE

11 PRODUCTION PLANTS

COMMERCIAL OFFICES ALL OVER THE WORLD
8. PRODUCT RANGES

- VALVES
- HYDRAULIC CYLINDERS
- ELECTRIC ACTUATORS
- SYSTEMS
- PUMPS
- REMOTE CONTROLS
- POWER TAKE OFFS
- TURNKEY PROJECTS
9. APPLICATIONS

industrial

INDUSTRIAL MACHINERY
LUBRICATION
MARINE
OIL & GAS
POWER GENERATION
RAILWAY
TESTING
TURNKEY
10. APPLICATIONS

mobile

AGRICULTURE
CONSTRUCTION
EARTH MOVING
FORESTRY
MATERIAL HANDLING
MINING
MUNICIPAL
TRANSPORT
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.
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.
Duplomatic is the first Italian IO-Link certified COMPETENCE CENTER.

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

“Duplomatic 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.

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

INDUSTRY 4.0
<table>
<thead>
<tr>
<th>QUALITY MANAGEMENT SYSTEM</th>
</tr>
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<tbody>
<tr>
<td>QUALITY</td>
</tr>
<tr>
<td>ISO 9001</td>
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<tr>
<td>Duplomatic Quality Management System aims at:</td>
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<tr>
<td>• creating a &quot;quality culture&quot;</td>
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<td>• ensuring an ongoing control of the Quality Management System in order to reach the zero-defect threshold</td>
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<td>• ensuring a suitable training aimed at supporting the quality obtained through staff trainings</td>
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<tr>
<td>• suggesting product updating and improvement</td>
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<td>• monitoring customer satisfaction.</td>
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| ENVIRONMENT |
| ISO 14001 |
| Duplomatic 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. |
Strong cooperation with Federico II University (Naples, Italy), Bournemouth University (UK), Minneapolis University (MN, USA), for curricular internships, degree thesis and post graduate experience.

Duplomatic 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.

Duplomatic training center is dedicated to hydraulics professionals (internal staff and customers). Basic and advanced level. Classroom and online training.

We build competences for motion solutions.

Roberto Maddalon, CEO
Coming together is a beginning. Keeping together is progress. Working together is success.

Henry Ford
MOTION will keep us TOGETHER
Thanks for your attention

www.diplomatic.com

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