



we find solutions

YOUR PARTNER IN **OIL&GAS**
AND **POWER GENERATION**

A COMPANY OF



Since **1988**

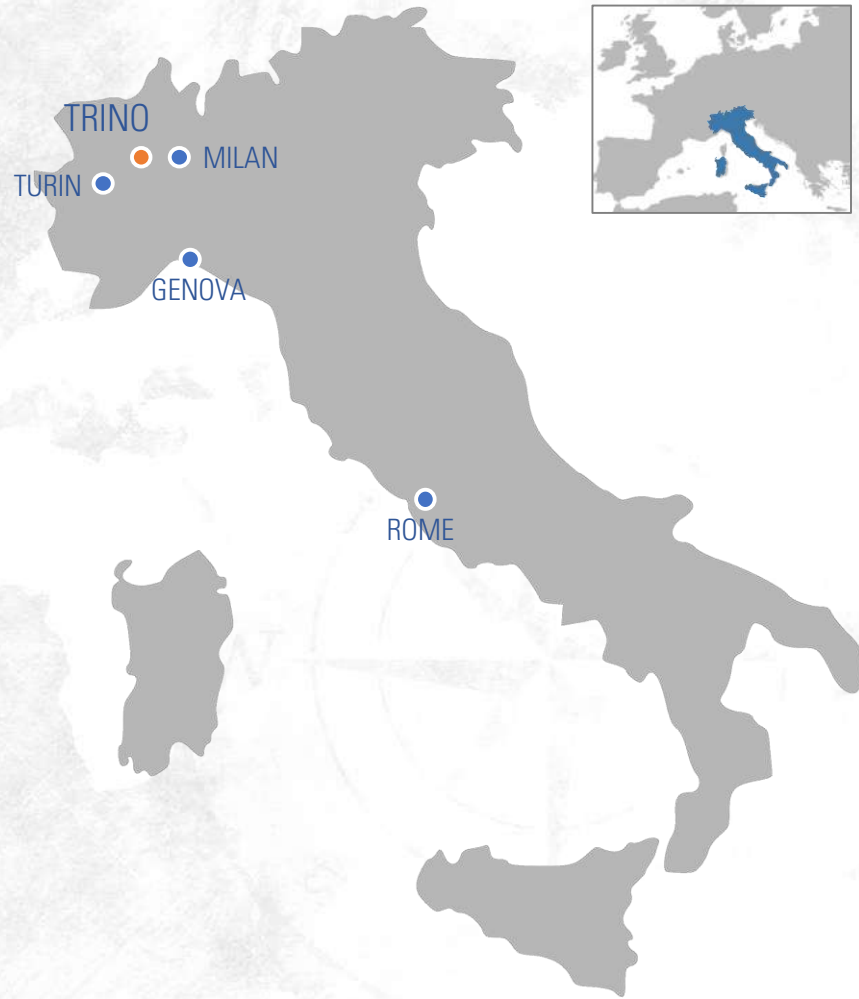
- Location
- Site
- Workshop Layout
- Offices
- Workshop Overview
- Production Means
- Testing Equipments
- Products
- Special Processes
- Qualification & Certification

Location

- **FLENCO FLUID SYSTEM S.r.l.**
S.S. 31 Bis Km 31 - 13039 Trino (Vercelli)
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Fax: +39 0161 80 15 23

Next to:

- **Airport:**
Milano Malpensa 70 km
Milano Linate 70 km
Torino (Sandro Pertini) 55 km
- **Port:**
Genova 105 km
- **By car:**
Milano 75 km
Torino 60 km



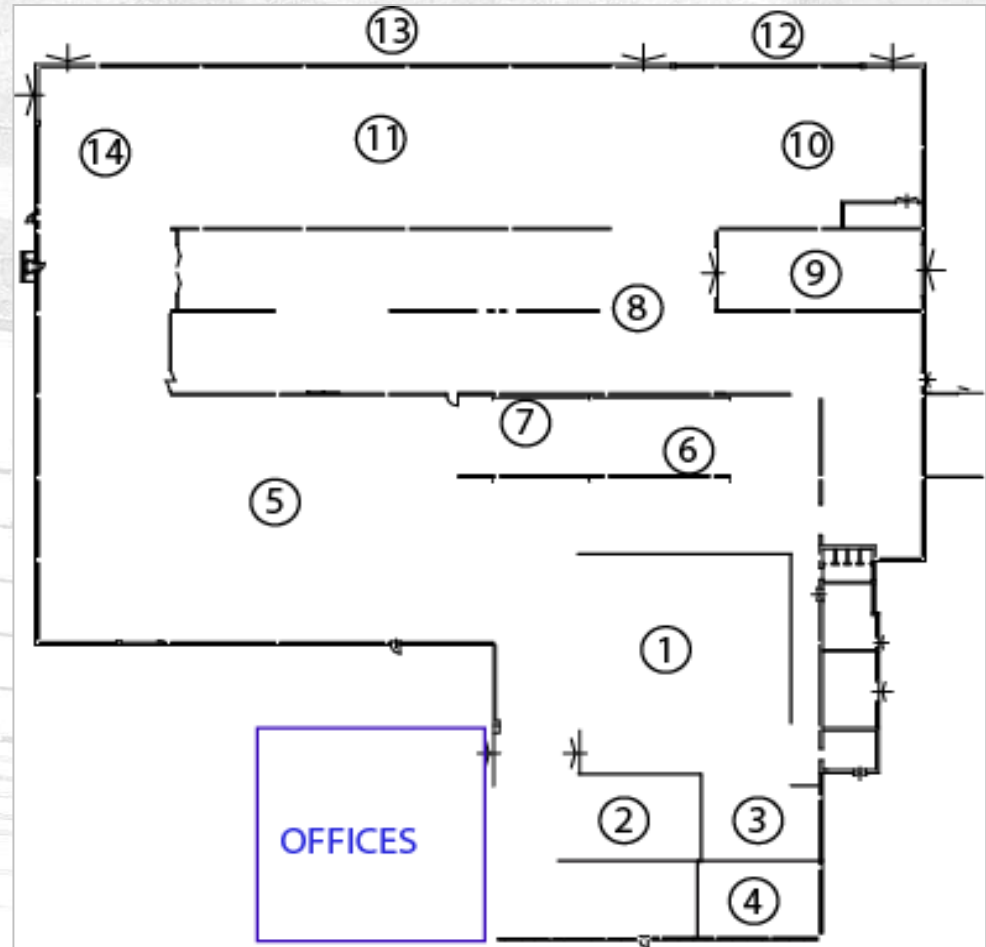
Site



- Total area: 21.800 sqm
- Total covered area: 8.500 sqm
- Assembly / Test area: 2.800 sqm
- Pre-assembly area: 1.100 sqm
- Production / Welding area: 2600 sqm
- Painting / Sandblasting area: 400 sqm
- Warehouse: 1.200 sqm
- Offices: 400 sqm
- Availability of NDT area
- Cranes:
 - Assembly: 2x10 tons
 - Heavy Steel fabrication: 2x10 tons
 - Steel fabrication: 2x5 tons
 - Painting: 2x10 tons
 - Pipe Welding: 6x1,5 tons

Workshop layout

Total area: 8.000 sqm



- 1, 2, 3, 4: warehouses
- 5: structural steel work
- 6: pipes welding
- 7: pipes preparation
- 8: painting
- 9: shot blasting
- 10: preassembly
- 11: assembly and test
- 12: pickling
- 13: test benches
- 14: loading

Workshop Overview

Tank construction and welding



Structures construction and welding



Raw material – Carbon steel



Raw material – Stainless steel



Pipe production area



Warehouse



Pre-assembly area



Workshop Overview

Painting area



Final assembly area



Shot blasting area



Bending machine



Drilling machine



Cutting machine



Lathe machine



Production Means

Shear machine



Bunker



Cranes



Welder boxes





Flushing Skid

- Max flow on delivery limits: 4500 lt/min 5 bar
- Filtration degree 3mic Absolute
- Max working temperature 90°C

Testing Bench including:

- Electrical motor power supply
- Diesel oil forwarding skid
- Water forwarding skid
- Control system
- Instrumentation

Water Cooling

- Pool 100 000 lt. Industrial Water
- Max flow on delivery limits: 1600 lt/min @ 4 bar
- Filtration degree 3mic Absolute
- Max working temperature 50°C

Diesel Oil Forwarding Skid

- Tank capacity (load) 6000 lt. Diesel Oil
- Max flow on delivery limits: 1000 lt/min @ 4 bar
- Filtration degree 3mic Absolute
- Max working temperature 50°C
- Diesel Oil Flash point @ 70°C
- Online cooling system
- CO2 Fire protection on tank



Field instruments

- N°20 Manometer range from 2,5 bar to 160 bar
- N°20 Pressure Transmitter range from 2,5 bar to 160 bar
- N°1 Turbine flow meter
- N°5 Differential pressure transmitters for flow measurement

Control System

- PLC Siemens S7

Electrical motor power supply

- N°1 Inverter 132Kw A.C. – 380 Volt
- N°2 Inverter 90Kw A.C. – 380 Volt
- N°1 Inverter 500Kw A.C. – 380 Volt
- N°1 Inverter 30Kw D.C. – 110-220 Volt

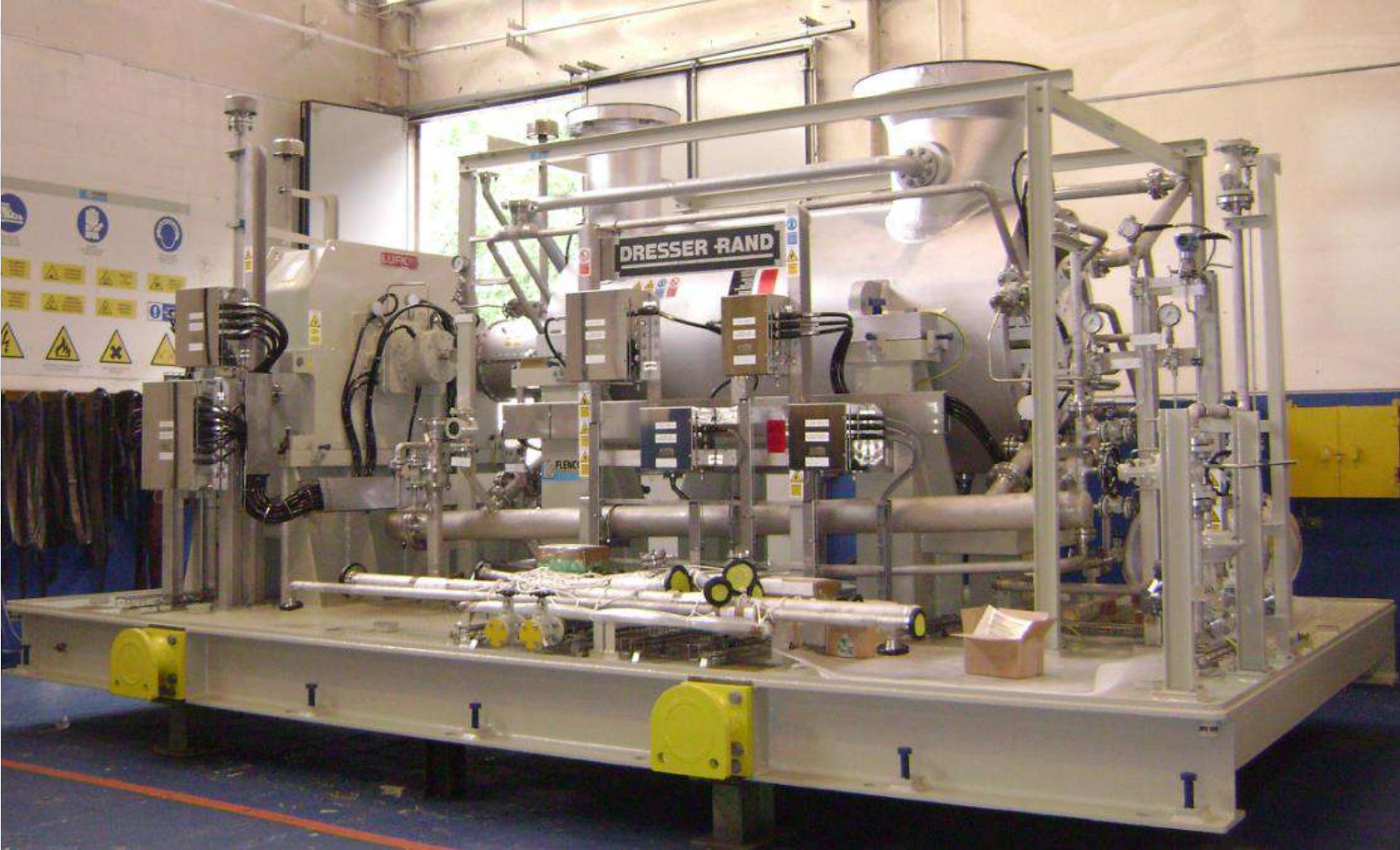
Other instruments

- Oil analyzer – NAS / ISO (MP Filtri)
- Pressure calibrator LP/HP (Jofra Ametek)
- Temperature calibrator (Jofra Ametek)
- Vibration Meter (Bently Nevada)
- Oscilloscope (Fluke)
- Function generator (Fluke) 4 – 20mA Generator (Fluke)
- 4 – 20mA Calibrator (Fluke)
- Multimeter (Fluke)
- Current Clamp (Fluke)

Products – 9E Auxiliary System



Products – Compressor Packaging



Products – 6FA Auxiliary System



Products – Auxiliary Systems



Special Processes

Welding

- All welding processes and welders are qualified under EN and ASME IX standards.
- EN ISO 3834-2 e EN 1090-2
- Filler products comply with both EN and AWS standards.

NDT

- NDT personnel qualification: Il level EN / ASNT standard on MT, LP, RT



- Six Sigma black belt / FROSIO qualified personnel

Certification & Standards

Capability on system production according to:

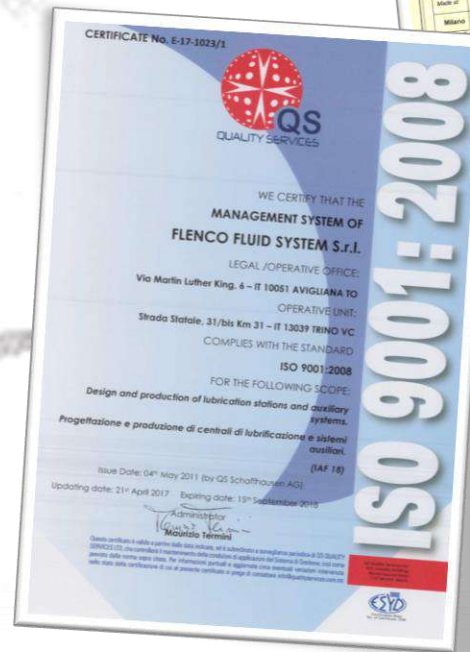
- ASME /AWS
- API
- TRD412
- TRR100
- AD Merkblatt Std
- EN standard (ATEX, Machinery, Low Tension, EMC, PED)

Company Certified according to:

- ISO 9001:2008
- ISO 14001:2004
- OHSAS 18001:2007
- PED

Surface treatment capability according to:

- SSPC
- ISO12944



Where we are

- **Avigliana Headquarter**

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- **Trino Workshop**

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- **Firenze Office**

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- **Flenco d.o.o.**

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