

servovalve
Actuators and Controls

1976

Foundation

1977

First manufacturing plant based in Ossona (Milan)

1995

ISO 9001 Quality System Certification of Design and Production

2002

CE marking of full range according directive 97/23/EC PED & according directive 94/9/EC ATEX

2006

New manufacturing plant established in Santo Stefano Ticino (Milan)

2014

Manufacturing plant extension to meet increased production capability

2015

Strategic investments on product developments and improvements of organization





60 PEOPLE

15.000 sqm

8.500 INDOOR AREA
sqm

TURNOVER
YEAR 2018

20.0 Million Euro
HISTORICAL RECORD !

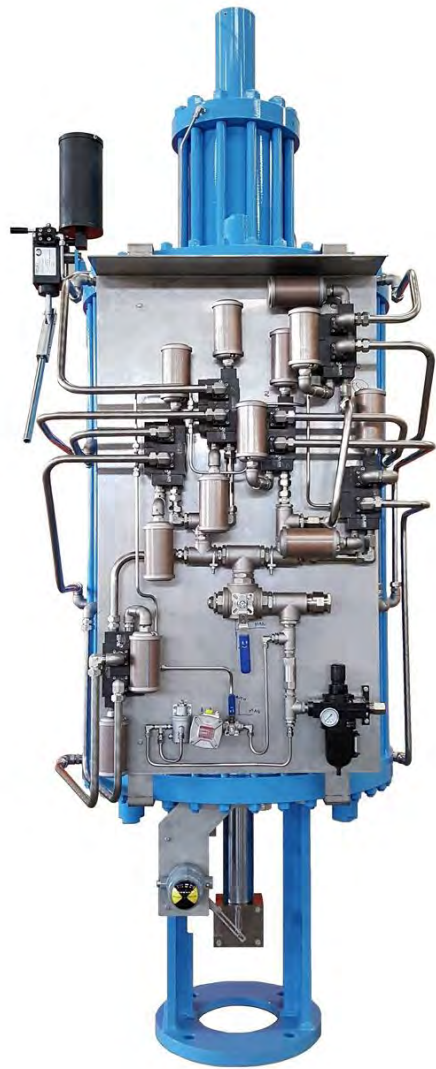
TURNOVER
average previous 3 years

16.0 Million Euro

DESIGN AND MANUFACTURING OF HEAVY DUTY FLUID
ACTUATORS WITH RELATED CONTROLS

ENGINEERED SOLUTIONS FOR HIGH DEMANDING APPLICATIONS
ON POWER, OIL & GAS AND OFFSHORE

CUSTOMISED AND FLEXIBLE PRODUCTION FOR
SEVERE SERVICE



ACTUATOR for LINEAR VALVES (globe, gate, axial, etc)

Pneumatic, hydraulic, direct gas
and gas over oil type.

Single or double effect design.

Carbon steel construction.

ATEX and SIL3 certified.

For control, on-off, shutdown or
HIPPS applications.

Special offshore executions.

LINEAR ACTUATOR

ACTUATOR for QUARTER TURN VALVES (ball, butterfly, plug, etc)

Pneumatic, hydraulic, direct gas
and gas over oil type.

Single or double effect design.

Carbon steel construction.

ATEX and SIL3 certified.

For control, on-off, shutdown or
HIPPS applications.

Special offshore executions.

QUARTER TURN ACTUATOR





ACTUATOR for QUARTER TURN VALVES (ball, butterfly, plug, etc)

Pneumatic, hydraulic, direct gas
and gas over oil type.

Single or double effect design.

Carbon steel construction
(special AISI 316 construction
available).

ATEX and SIL3 certified.

For control, on-off, shutdown or
HIPPS applications.

Special offshore executions.

QUARTER TURN COMPACT ACTUATOR

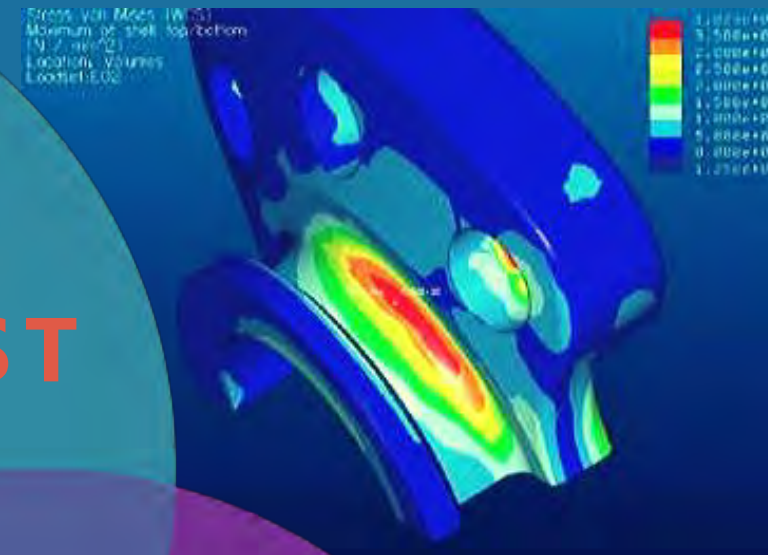
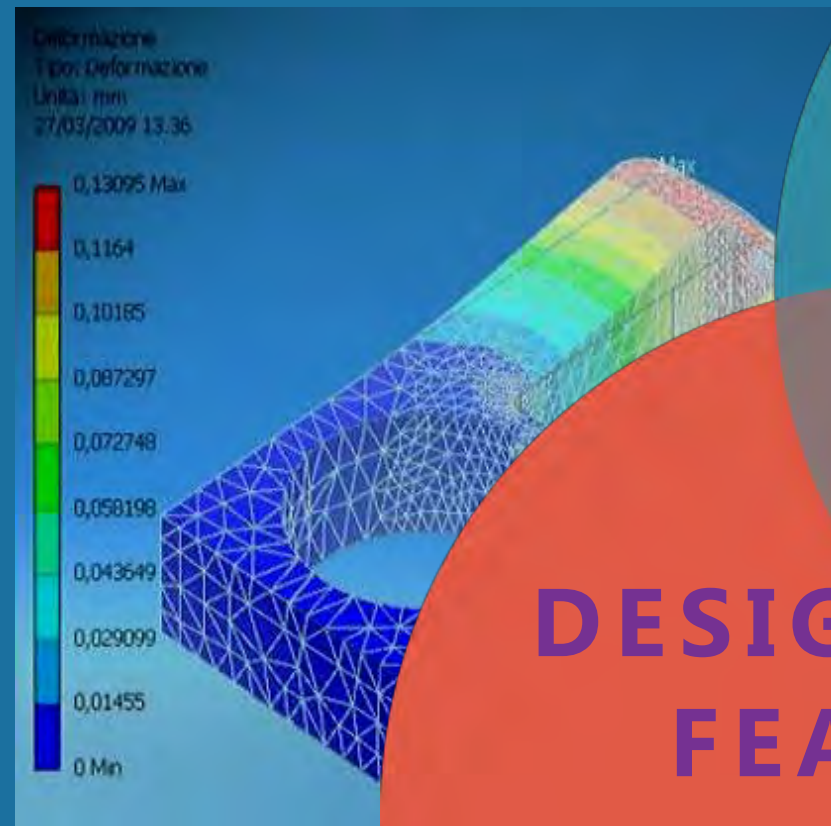
Helical slot kinematic.

Space saving design.

**EXPERIENCE
WITH THE MOST
DEMANDING
SPECIFICATIONS**

**DESIGN WITH
FEA AND
FLUIDODYNAMIC
SIMULATIONS**

**EXTENSIVE
INTERNAL
TEST
CAPABILITY**



SOFTWARE & DESIGNED

for mechanical design

 **AUTODESK®
INVENTOR® PROFESSIONAL**

for multiphysics simulations

ANSYS®

TORQUE TEST BENCH

from 20 Nm up to 150.000 Nm

STATIC / DYNAMIC TORQUE RECORD



LINEAR LOAD THRUST TEST

up to 500.000 daN

CYCLING TEST UNDER LOAD CONDITIONS

HPU
for testing & flushing
according NAS 1638 - ISO 4406



SPECIFIC SOFTWARE & TOOLS
to monitor and record the performances of
actuators and fast stroke time





8.500
sqm

INDOOR AREA





according to
ISO 9001:2015



according to
PED 2014/68/EU



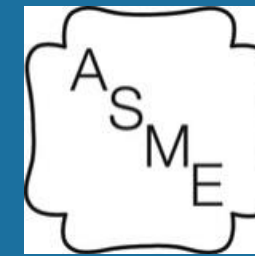
suitable for
IP66M/IP67M
EN 60539



according to
ISO 14001:2015



according to
ATEX 94/9/CE



suitable for
ASME SEC VIII D1



according to
ISO 18001:2007



according to
SIL3 IEC 61508



according to
CU-TR EAC



according to
TAT SHELL
DEP 31.40.70.30



Work in progress:



Eni - Agip	Nigc	Total
Saipem	Sinopec	Techint
Technip	Tecnimont	Sonatrach
Statoil	Kepco	Qatar Petroleum
Alstom Power	Samsung	Basf
Lukoil	Qafco	
Gazprom	Swcc	
Adgas	Sabir	
Adnoc	Hyundai Heavy Industries	
Zadco	Doosan	

AL-ZOUR refinery
KNPC (Kuwait) 964 Pneumatic actuators,
for "protective applications"

46 Pneumatic actuators,
for HIPPS ball valves

BAB integrated facilities
ADCO (UAE)

Johan Castberg FPSO
Statoil (Norway) 79 Pneumatic actuators,
for offshore environment

2 Helical slot actuators,
for 18" 2500 ball valves

Merakes development project
ENI (Indonesia)

Takoradi
ENI (Ghana)

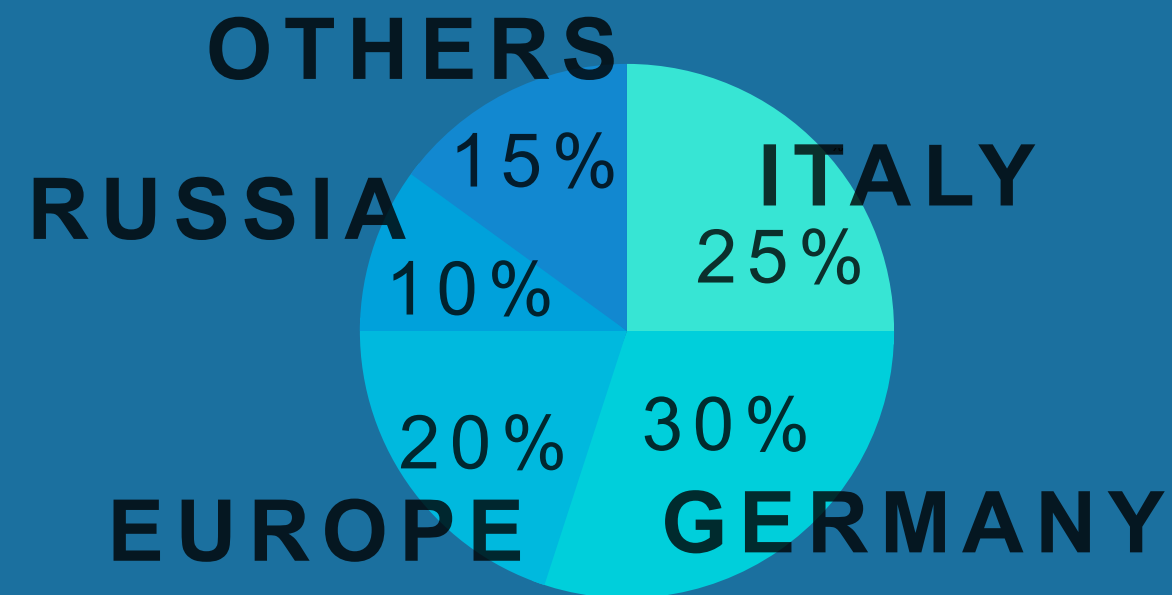
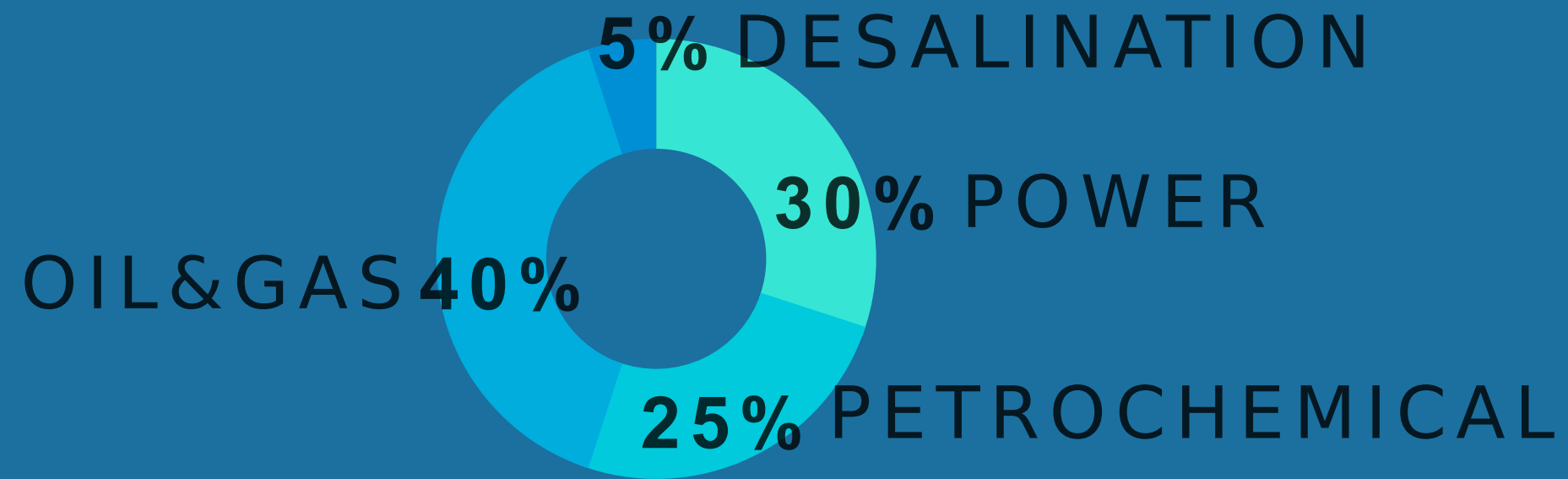
2 Pneumatic actuators,
for 28" 1500 HIPPS ball valves

25 direct gas actuators

Nord Stream 2
GAZPROM (Russia)

Safety application for power generation projects with German butterfly valvemakers.
Large number of actuators installed in the North Sea (Statoil).

Development of new markets:
HIPPS projects
Russian pipeline
China petrochemical



More than 40 years of history with strong reputation in many countries
Full support and technical service with long experience on problem solving
High engineering capabilities for customization and special executions
Specific knowledge on controls (fast stroking applications, selection of accessories)
High performances and long reliability of actuators
Complete range in terms of sizes and types
Total flexibility to follows the most demanding technical specs
Continuous development and innovation of products
The real NEUTRAL actuation company: full loyalty and transparency
Stable organization over the years

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