



AIR TORQUE
COMPANY PROFILE



AIR TORQUE®

Founded in 1990, Air Torque Spa has become in few years one of the worldwide leading manufacturer of rack and pinion pneumatic actuators.

Since the beginning the mission of the Air Torque Spa has been always to offer innovative products by combining the long filed experience as market leader, the innovational spirit, the well-known reliability in actuator designing and the high quality manufacturing level supported by high level Western Europe components suppliers, and based on an ISO 9000-2008 quality system.




With the attitude to always satisfy the market and customers needs, Air Torque Spa has developed the worldwide widest range of aluminium alloy rack and pinion actuators with torques up to 10.000 Nm and available with different options in terms of valve interfaces, surface protection levels and smart functional features; all covered by several International Patents.

Air Torque Spa has integrated its production of standard actuators with special actuators like 120°, 135° and 180° rotation both double acting and spring returns; 3 position actuators both 90° and 180° rotation, fast acting actuators and hydraulic dampered actuators. A line of rack and pinion stainless steel actuators completes the range of Air Torque Spa lines of products.

Air Torque Spa factory counts nowadays 50 employers on an extension of 5000 square meters, with a yearly production of more than 300.000 actuators.

The sales are covering all the world, from the Americas to Oceania, through a wide network of official distributors, directly to big end-users and directly to big OEM customers.

RANGE

Product Lines	Range
<p>4th Generation Line "Upgrade" Series</p> 	<p>17 sizes available with torques up to 10.000 Nm in double acting and up to 4068 Nm for the spring return version, available in 6 different protection levels. Working temperature from -55°C and up to +150°C (Standard from -40°C up to +80°C).</p>
<p>Power Technology Line "B" Series</p> 	<p>17 sizes available with torques up to 10.000 Nm in double acting and up to 4068 Nm for the spring return version, available in 6 different protection levels. Working temperature from -55°C and up to +150°C (Standard from -40°C up to +80°C).</p>
<p>Stainless Steel Line "S" Series</p> 	<p>9 sizes available with torques up to 1966 Nm in double acting and up to 865 Nm for the spring return version. Working temperature from -55°C and up to +150°C (Standard from -40°C up to +80°C).</p>

ALUMINIUM ACTUATOR RANGE

AIR TORQUE
Product Range

DOUBLE ACTING
from 13,2 Nm to
10.000 Nm at 6 bar

100% travel
stop limitation



Lock-out
capability



DOUBLE ACTING
90° rotation



DOUBLE ACTING
120° rotation



DOUBLE ACTING
135° rotation



DOUBLE ACTING
180° rotation



3 Position
actuator
90° rotation



FAST ACTING



Hydraulic Damper



3 Position
actuator
180° rotation



SPRING RETURN
from 8,1 Nm to
4068 Nm with 12 springs

100% travel
stop limitation



Lock-out
capability



SPRING RETURN
90° rotation



SPRING RETURN
120° rotation



SPRING RETURN
180° rotation



3 Position
actuator
90° rotation



FAST ACTING



Hydraulic Damper



FAIL MID
180° rotation



FIELDS OF APPLICATION

CHEMICAL	FOOD INDUSTRY	NAVAL
PHARMACEUTICAL	PULP & PAPER	CAR INDUSTRY
REFINERY	WATER TREATMENT	STEEL PLANT

REFERENCES

AALBORG INDUSTRIES	DEGUSSA-EVONIK	LINDE GAS	SAMSUNG TOTAL
AIR LIQUIDE	DUPONT	NESTE OIL	SK ENERGY
AKZONOBEL	ENI	NESTLE	SOLVAY
AURAMARINE	FLSMIDTH	NOVARTIS	TECHNIMONT
BASF	HALTON MARINE	POSCO	THE DOW CHEMICAL COMPANY
BAYER	HYUNDAI HEAVY INDUSTRY	PRAXAIR	TRACTEBEL
CHEMINOVA	JONHSON CONTROLS	REPSOL	VOPAK
DAEWOO SHIPBUILDING	LG PETRO CHEMICAL	SAMSUNG PETRO CHEMICAL	WÄRTSILÄ

CERTIFICATIONS

The image displays a collection of certification documents for Air Torque products. Key certifications include:

- ISO 9001-2008:** Certificate of Approval for the Quality Management System of Air Torque S.p.A., covering the design and manufacture of pneumatic actuators, spare parts, and relevant accessories.
- SIL3 IEC 61508:** Certificate for safety-related actuators to control actuable valves.
- ATEX 94/9/EC:** Certificate for explosive atmospheres applications.
- Type Approval:** Certificate for pneumatic quarter turn actuators.
- INERIS:** Certificate for safety-related actuators.
- SKE VERITAS:** Type Approval Certificate for actuators.
- GOST-R:** Certificate for actuators.
- GOST Rostekhnadzor:** Certificate for actuators.
- EN 60529 IEC 529:** Certificate for actuators.
- Nemko:** Certificate for actuators.

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AIR TORQUE WORLDWIDE DISTRIBUTION

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	<p>AFRICA Egypt Morocco South Africa</p>	<p>MIDDLE EAST Israel Turkey</p>

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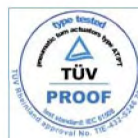


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Doc. n° CP-E-01



ATEX 94/9/EC



SIL3 IEC 61508



GOST-R



TYPE APPROVAL