

DOSING SYSTEMS



innovation > technology > future

An experienced and reliable partner for chem



For 40 years, **SEKO** has linked its success to a wide range of industrial fields by supplying complete dosing and injection packages throughout the world.

Committed to Customer satisfaction

SEKO is organised as a true technical consultancy service to each individual customer from the preliminary stage of the project through to the ordering, design, manufacturing and after sales technical assistance.

A team of skilled engineers, operating with sophisticated CAD stations, 3D modelling and FE software, currently provides for the design and engineering of systems according to the most demanding international standards, such as ASME, ANSI, BS, API and as required by the customer project specifications.

A total engineering and comprehensive supply approach can be undertaken according to clients requirements.

Application areas

The main industrial application areas for the dosing/injection packages designed and produced by **SEKO** are:

- **Oil & Gas** (on-shore, off-shore, FPSO)
- **Petrochemical**
- **Energy** (boilers, desalination, cooling towers).

ical dosing/injection pump “package” solutions

In addition **SEKO** currently supplies pumps and systems to the water treatment, steel, ceramics, food, paper, textile and pharmaceutical industries.

Organisation and services

Components and instruments for the systems manufacture are purchased world-wide as per the contract vendor list, while steel fabrication, reservoirs and pressure vessels are produced by companies provided with the ASME stamp.



Diaphragm and plunger type, process and metering pumps are produced by **SEKO** to its own original designs, covering a wide range of performances:

- **Plunger metering pumps** (according to API 675) for flow rates up to 15,000 l/h and pressures up to 2,000 bar;
- **Diaphragm metering pumps** (according to API 675) for flow rates up to 15,000 l/h and pressure up to 300 bar;
- **Reciprocating Triplex process pumps** (according to API 674) for flow rates up to 57,000 l/h and pressures up to 1,150 bar.



SEKO is currently operating according to **UNI EN ISO 9001:2000 Quality System's** audited and certified by DET NORSKE VERITAS (DNV).

Logistics

A network of subsidiaries, agents and distributors around the world completes the range of technical and commercial services provided in all the major areas of interest for the industrial applications of the “packages” supplied by **SEKO**.



Chemical dosing/injection packages



FPSO Firenze, Aquila Field - Italy
Corrosion inhibitor, Antifoam and Antiscale Injection Package.
Customer: FPSO Firenze - Portugal



PC-80 Off-Shore Platform - Italy
Chemical Dosing and Water
Reinjection Package.
Customer: ENI/Agip - Italy



Zirku Gas Project -
United Arab Emirates
Glycol and Corrosion Inhibitor
Injection Package.
Customer: Technip
Geoproduction - France

Ras Abu Fontas "B" Power and Desalination Plant - Qatar
Antifoam, Antiscale, Ferrous Sulphate and Sodium Sulphite
Dosing Package. **Customer: Weir Westgarth - Scotland**



Lomellina Energia Power Plant - Italy
Phosphate Injection Package.
Customer: Foster Wheeler - Italy



Jebel Ali "G" Power and
Desalination Plant -
United Arab Emirates
Antifoam and Antiscale
Dosing Package.
**Customer:
Weir Westgarth -
Scotland**

Chemical dosing/injection packages

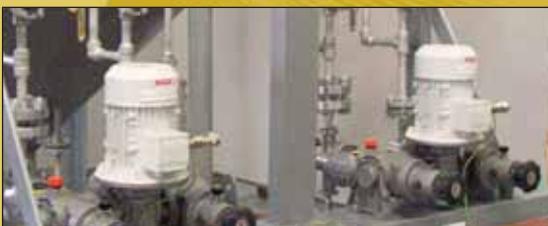


Augusta Chemical Plant - Italy.
Chemical Dosing Package.
Customer: K.T.I. - Italy

Dubai MTBE Complex - United Arab Emirates.
Phosphate, Oxygen Scavenger, Amine and
Corrosion Inhibitor Dosing Packages.
Customer: Colt Engineering - Canada



Amerya Ethylene Plant - Egypt.
Sulphuric Acid, Biodispersant,
Scale Inhibitor and Biocide
Dosing Package.
Customer. ENPPI - Egypt



References



- > Dragon Bay power plant (CHINA)
- > Jabel Ali power and desalination plant (UNITED ARAB EMIRATES)
- > Mina Abdulla refinery (KUWAIT)
- > FPSO Firenze, Aquila field (ITALY)
- > Adriatic sea off-shore platform (ITALY)
- > Port Fuad off-shore platform (EGYPT)
- > Hatfield Moors gas storage plant (ENGLAND)
- > Ras Laffan gas treatment plant (QATAR)
- > Puerto la Cruz refinery (VENEZUELA)
- > Rio Bravo power plant (MEXICO)
- > Ras Abu Fontas power and desalination plant (QATAR)
- > Bonny Island natural gas liquefaction cornpie (NIGERIA)
- > Phai Lai power plant (VIETNAM)
- > Amerya ethylene production plant (EGYPT)
- > Berre-Aubette polypropylene production plant (FRANCE)
- > Thessaloniki polypropylene production plant (GREECE)
- > Togliatti methanol production plant (RUSSIA)
- > Bahia Bianca fertilizer complex (ARGENTINA)
- > Mantova paper mill (ITALY)
- > Jeddah sugar refinery (SAUDI ARABIA)
- > Val D'Agri oil treatment plant (ITALY)



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