

Oil & Gas



**With our knowledge
we engineer your
ambitions**

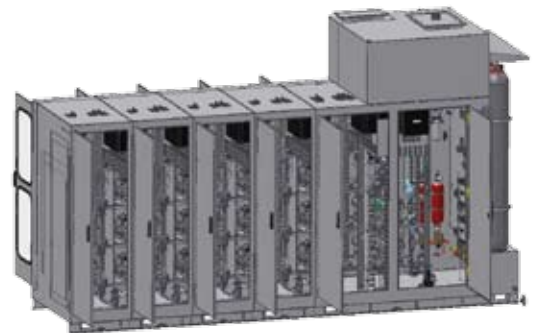


**DOEDIJNS
INTERNATIONAL**



DOEDIJNS INTERNATIONAL

Doedijns International B.V. specializes in the engineering and fabrication of hydraulic, pneumatic and field instrumentation systems, mainly for the oil & gas and energy industry, maritime and dredging industry and high end machine building. Extensive experience, in-house engineering and production of systems, distribution of A-brand components and world-wide service activities are some of the added values of Doedijns.



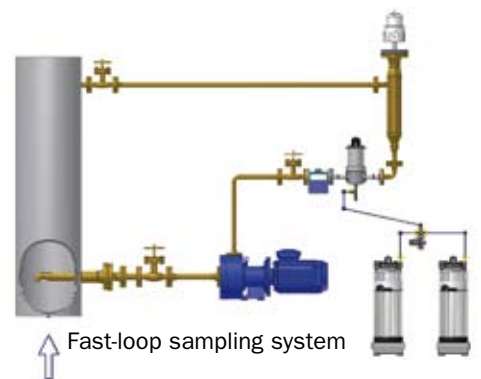
WELLHEAD CONTROL PANELS

- Custom built multi and single well control units
- Designed, manufactured, installed and commissioned by Doedijns
- Meet all required national/international standards (e.g. ATEX)
- All power sources possible for operation (air, gas, 400 VAC, 24 Vdc, Solar)
- Integrated power units (HPU), self contained systems
- Logic control by PLC/customer DCS, custom designs (SS-316 housing)



SAMPLING SYSTEMS

- Provide a representative sample of a pipeline transfer (hydrocarbon liquids and gas)
- Determinate bulk properties, especially water content, gravity and light ends
- Systems: in-line sampling, fast-loop sampling and composite gas sampling
- Needed for fiscal calculations, allocations and loss control
- Design & engineering in-house, custom made
- Quality management systems and assurance, HES-requirements
- Main applications: upstream FPSO's, offshore platforms, downstream oil terminals, refineries and export terminals
- Mixing solutions





VALVE AUTOMATION SYSTEMS

Actuators

Pneumatic, hydraulic and electric operated. Double acting and spring return.

Doedijns supplies the following actuator types:

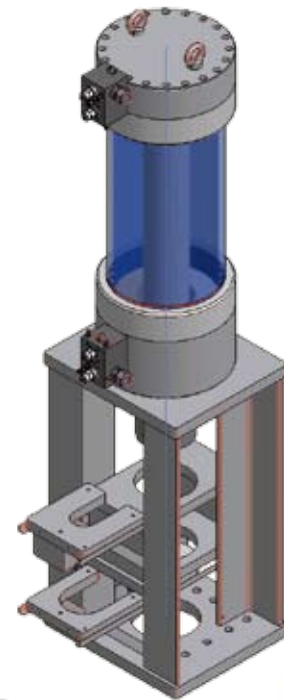
- Scotch yoke actuators
- Gas over oil actuators
- Linear actuators
- Lift & Turn actuators
- Compact actuators
- Electro-hydraulic actuators
- Subsea actuators
- Submersible actuators

Actuator control systems

- Designed according to client specifications
- Pneumatic or hydraulic operated
- Build as panel or cabinet, mounted directly to the actuator or supplied as loose item
- Suitable for a wide range of operating and environmental conditions

Hydraulic valve automation systems

- Complete systems comprising hydraulic power unit, controls and actuators
- ESD systems in accordance with Shell DEP 31.36.10.30





TEMPERATURE MEASUREMENT SYSTEMS

Thermo Electric

- World market leader in temperature measurement solutions
- Leading brand name in the temperature sensor technology and accessories
- Markets all over the world: petrochemical & chemical, semi-conductor, solar, aerospace, turbine, energy, steel and non-ferrous glass
- Used for: measuring, regulate, control, calibrate in every process with a temp. range from the absolute zero point (-273 °C) up to more than 1800 °C
- Used in processes dealing with: corrosive chemicals, vibrations, electrical interventions and high pressure
- Quality of products guaranteed by our: Total Quality Management according ISO 9001:2008, calibration laboratory according ISO 17025 (that meets RVA and ILAC certifications), test facilities, services and craftsmanship
- International explosion proof certified temperature sensors
- Temperature sensors like tube skin, multi points, industrial, thermo wells, high pressure (LDPE), gas turbine and semiconductor/solar constructions



CHEMICAL INJECTION SYSTEMS

- Comprehensive range injection skids for the injection of a wide range of chemicals
- Engineered and produced by Doedijns
- Tested and certified according to EN12079 for offshore use
- Used in the oil and gas industry, the pharmaceutical and chemical sector
- Using pump brands specified by our customers
- Placed in open environment at customers prefabricated location
- Providing the necessary interconnections and drain facilities
- The injection systems include over-pressure protection





DOEDIJNS INTERNATIONAL B.V.

Operating from a firm base

- Established in 1860
- Supplying power motion control and measuring & control systems
- World-wide coverage, executing large projects for tier 1 clients
- Branches in the Netherlands, Belgium, the United Kingdom and Malaysia
- Close partnerships with clients and suppliers
- Over 275 highly qualified employees
- Financially solid, sales in excess of EUR 65 million and growing

A leading position in

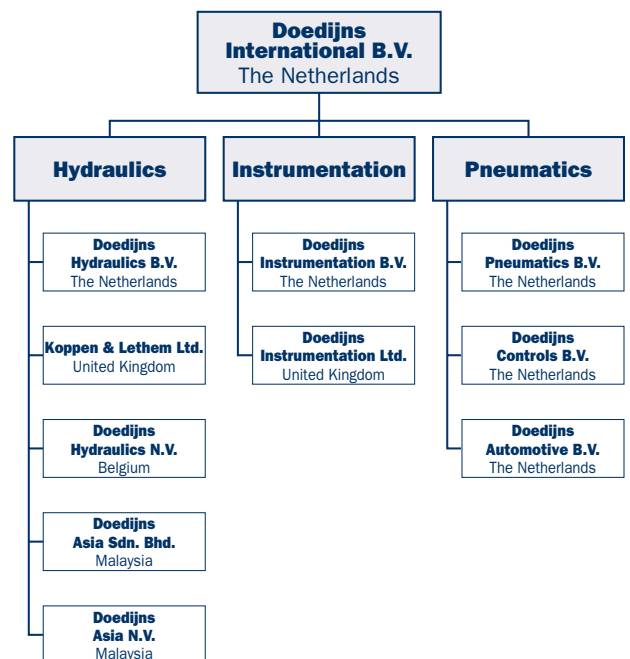
- Hydraulics : systems and related products
- Instrumentation : measurement & control systems
- Pneumatics : systems and related products

Core markets

- Oil & gas industry
- Process industry
- Maritime and dredging
- High-end machine building

Clients added value

- True system integrator: combining in-house customer specific engineering and manufacturing with knowledge and distribution of related components
- Solution driven instead of product driven
- Performance driven: in-time delivery, down time and cost reduction, etc.
- Innovative strength: impressive track record of innovation
- World-wide services: installation, commissioning and maintenance





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