

# Valve Actuation & Controls



Doedijns has extensive experience with all kinds of valve automation for the global oil & gas, (petro) chemical, offshore and maritime industries. Thinking in solutions, our Valve Actuation team always looks for the best technical and economical solutions with a product or system that suits your application as optimally as possible. We are also able to perform installation, start-up & commissioning and maintenance activities worldwide to ensure products and systems are installed correctly and remain working trouble free for long periods.

## Actuator range

- Scotch-yoke actuators
- Rack & pinion actuators
- Helical spline actuators
- Compact actuators
- Linear actuators
- Electric actuators

All above types are available as:

- Pneumatic actuator
- Direct gas actuator
- Hydraulic actuator
- Gas-over-oil actuator
- Electro-hydraulic actuator
- Double acting or spring return

Special types:

- Submersible (ballast) actuators (<10m)
- Shallow water Subsea actuators (<150m)
- Deep-sea Subsea actuators (>150m)

## Valve Controls & Accessories

- Pneumatic control systems
- Hydraulic control systems
- Electrical control systems
- Electro-hydraulic control systems
- Hydraulic self contained system
- Hydraulic power units
- Complete integrated control systems

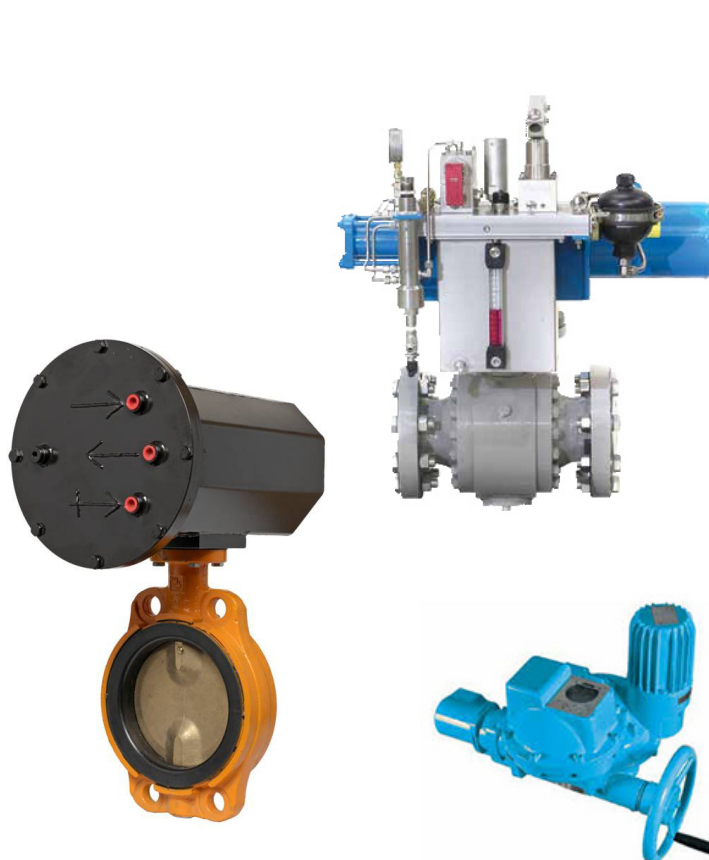
## Services

- Assembly
- Installation
- Start-up and commissioning
- Maintenance
- After sales service





Hydraulic Power Unit with modulating control panel



Ballast actuator, Self contained system, Electric actuator



Electro-hydraulic actuator ▲  
Gas-over-oil actuator ▼



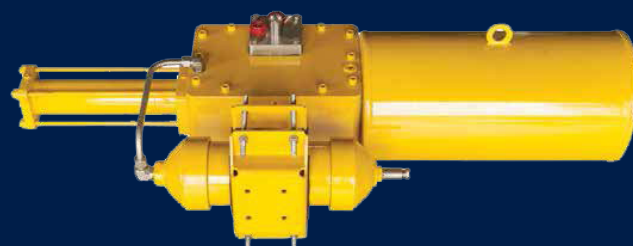
## Reliability

Reliability is important, not only when it concerns a product but also when it concerns your supplier. You want to execute your project according to your schedule to avoid expensive delays. Doedijns is a healthy and solid company, existing for over a century with an excellent record when it comes to reliability, product quality and delivery times.

## Quality

Our high standards for quality are reflected in the fact that only components from world renowned A-brand manufacturers are applied in our products and systems. This ensures a high availability and reliability of our products and systems resulting in a reduced risk of interrupted production or an unscheduled shutdown with related damages and costs.

Ledeen shallow water subsea actuator







### Solutions provider

We do not simply let our customers select parts from a standard catalogue but always search for the best solution including controls that is best suited to meet your specific application. Solid support from a skilled and enthusiastic sales and project team ensures you of tailor made product that covers your requirements and offers you optimal quality and reliability at a minimum cost.

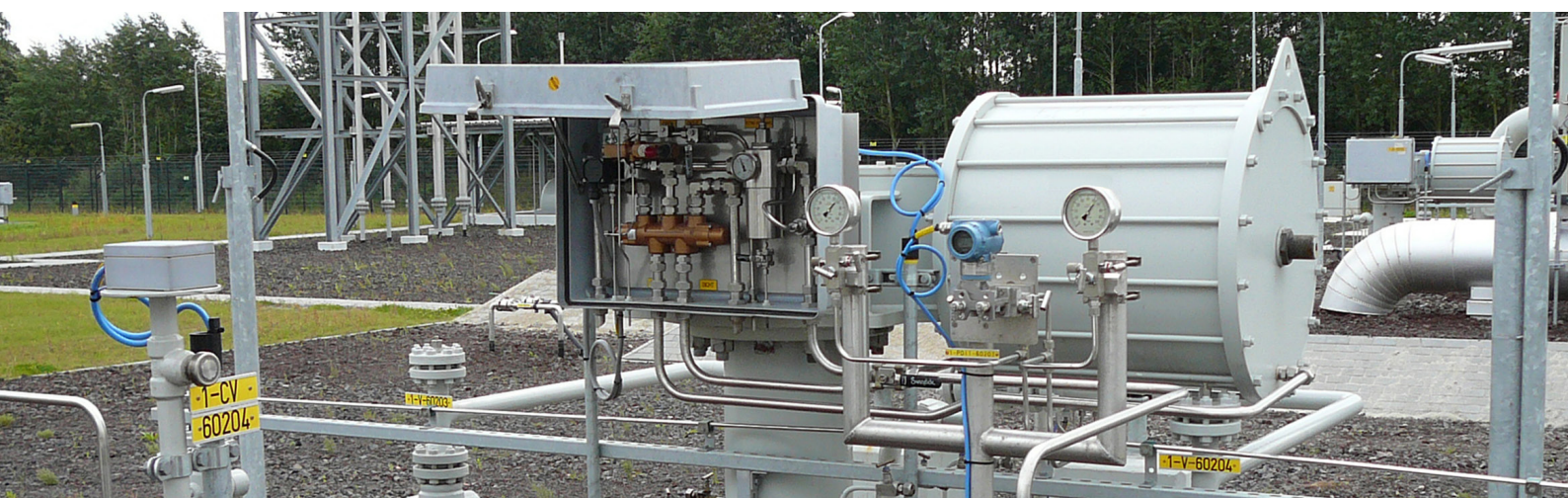
### Engineering your ambitions

Doedijns is able to translate your automation challenges into a custom engineered system for that specific application. With a solid in-house engineering team with expertise in hydraulics, pneumatics and electrical controls we are able to design and deliver a turn-key system that is precisely engineered to your specific needs and requirements. Why settle for less?

### After Sales Service

A new product is only of value to you when it actually performs its specific duty at your factory/plant. Doedijns has a large team of qualified and certified service engineers for start-up & commissioning and (preventive) maintenance activities to ensure our products and systems operate reliably.

Our service engineers can also be deployed from our Houston and Singapore manufacturing plants centered in major Oil & Gas locations. So wherever the final destination of our products is, we are able to quickly respond to your questions and service calls.





## DOEDIJNS BENEFITS

- 1. Reliable company with reliable performance**  
Enabling you to execute your project according to schedule.

- 2. Thinking in solutions**  
We look for technically optimized and cost effective solutions for your application which help to save you money.

- 3. Application of high quality and reliable products**  
Reduces the risk of production interruptions and unwanted shutdowns to a minimum.

- 4. Engineering capabilities**  
You do not have to settle for a 'lesser solution' because of product range limitations.

- 5. Large team of qualified & certified service engineers**  
Proper commissioning and scheduled maintenance by Doedijns ensure your product or system performs its task reliably.

