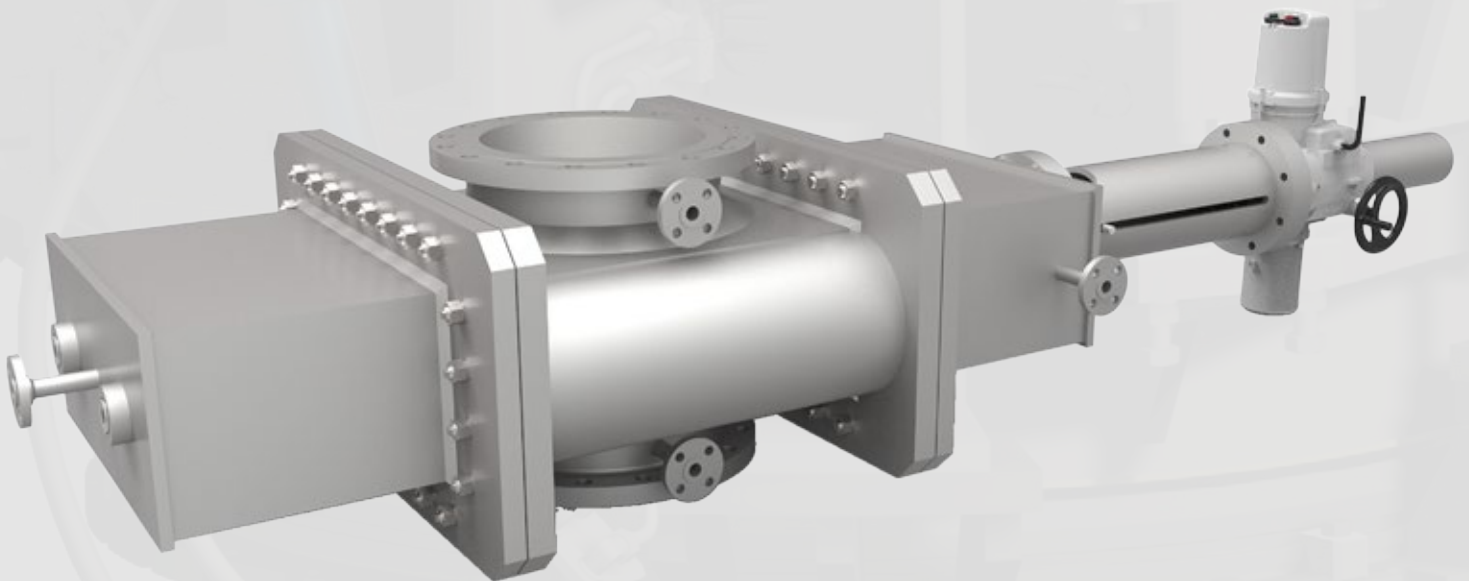


**PAUL WURTH**

SMS group

# Valves for Ethylene Production

Oil & Gas Downstream Processes



Taking advantage of its long-standing know-how in designing and supplying special valves for severe operating conditions for metallurgical plants like blast furnaces, the Paul Wurth Oil & Gas division today develops, manufactures and distributes special valve solutions for refineries and petrochemical plants.

### Transfer Line and Decoke Line Isolation Valves

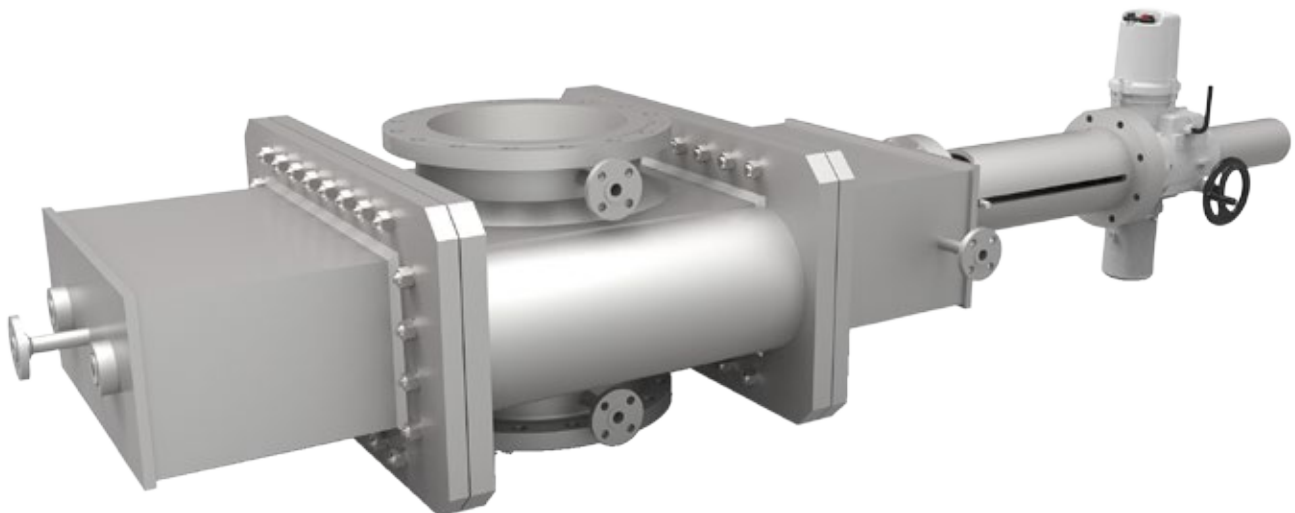
In the field of **Ethylene Production**, Paul Wurth offers Transfer Line and Decoke Line Isolation Valves tailored to your needs.

The Double Disc Trough Conduit type Gate Valve has a higher tightness and subsequently a higher

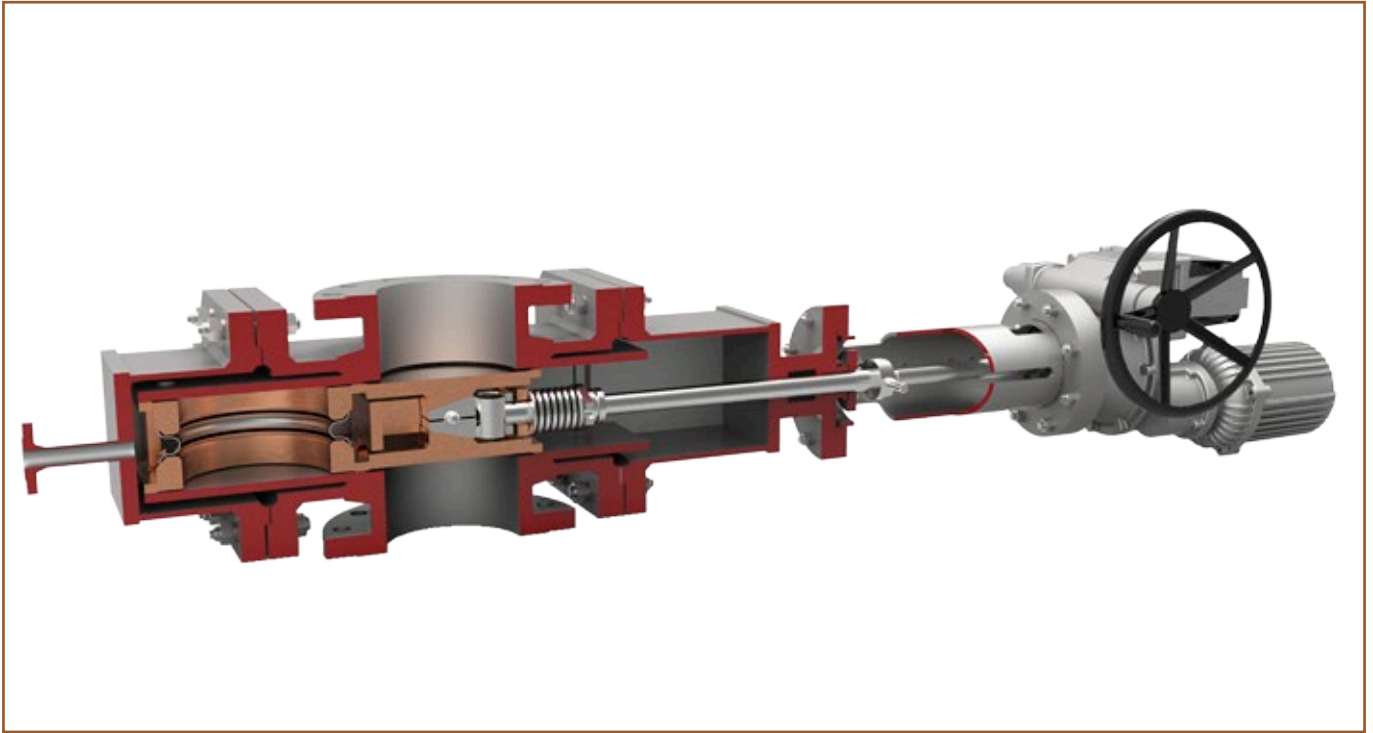
safety level than other designs. It provides a true double isolation and purge capability within one valve body. To achieve the same functionality with other valves, two valves installed in the same line and an additionally purging of the space between the two valves are necessary.

### Key features

- ▶ Double Disc Technology provides positive, tight shut-off by means of active sealing force when shut
- ▶ True Double Block and Purge performance within one valve body
- ▶ Robust valve body design to avoid unequal sealing seat deformation
- ▶ Open throughway without flow restrictions in open position
- ▶ Electrical, hydraulic or pneumatic options available for valve actuation
- ▶ Valve design according to customer demands and licensors/customers specifications
- ▶ Single Gate Design is available as an option



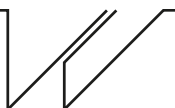
Decoke Line Isolation Valve



## Typical Figures

- ▶ size from 10" up to 58"
- ▶ operating temperature up to 525°C
- ▶ operating pressure up to 10 bar(g)
- ▶ actuation: electric, pneumatic or hydraulic

**Other sizes, design features and/or operating features are available on request.**



# Engineering & Technology worldwide

The Paul Wurth Group is today one of the world leaders in the design and supply of complete plants, systems and processes as well as specialised mechanical equipment for

## ■ the iron & steel industry:

Blast Furnaces & Auxiliary Plants  
Coke Making Plants  
Agglomeration Plants  
Direct Reduction Plants  
Environmental Protection, Recycling & Energy-Saving Technologies

## ■ other industries:

Valve Solutions for Oil & Gas Downstream Processes  
Solutions for Decentralised Energy Production  
Intralogistics Solutions for Heavy Loads  
Engineering & Project Management for Civil Construction and Infrastructure Projects

**Feasibility Studies – Conceptual, Basic and Detail Engineering – Project Management – Plant and Components Supply – Turnkey Projects – Assistance in Plant Assembly and Commissioning – Technology and Operations Consultancy – On-site and Remote Operational Assistance – After-sales Services**

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