

A photograph of a large industrial facility, likely a refinery or chemical plant, featuring multiple levels of white metal walkways and railings. Several yellow folding stairways are visible, providing access between the different levels. The structure is complex, with numerous pipes and mechanical components. The sky is clear and blue.

Folding Stairways



Loading Systems

Top Loading Systems

Bottom Loading Systems

Folding Stairways

Know how & consulting directly from manufacturer with decades of experience

That's why you choose... 

- **Radial gaskets**
Allow a maximum of feasible sealing materials and longer lifetime compared to axial gaskets
- **DUPLEX, SUPERDUPLEX, HASTELLOY, ALUMINIUM...**
We machine all compatible materials
- **ASME, NACE, NORSOK, DIN...**
We manufacture according to all required guidelines and directives
- **Customized connections**
- **IGATEC Swivel Joints**
Made of carbon steel (e.g. St52-3, ...) are nitrided to reach maximized hardness of surface and optimized corrosion protection at the same time
- **Certifications**
TA-Luft
VdS
ISO 9001:2008

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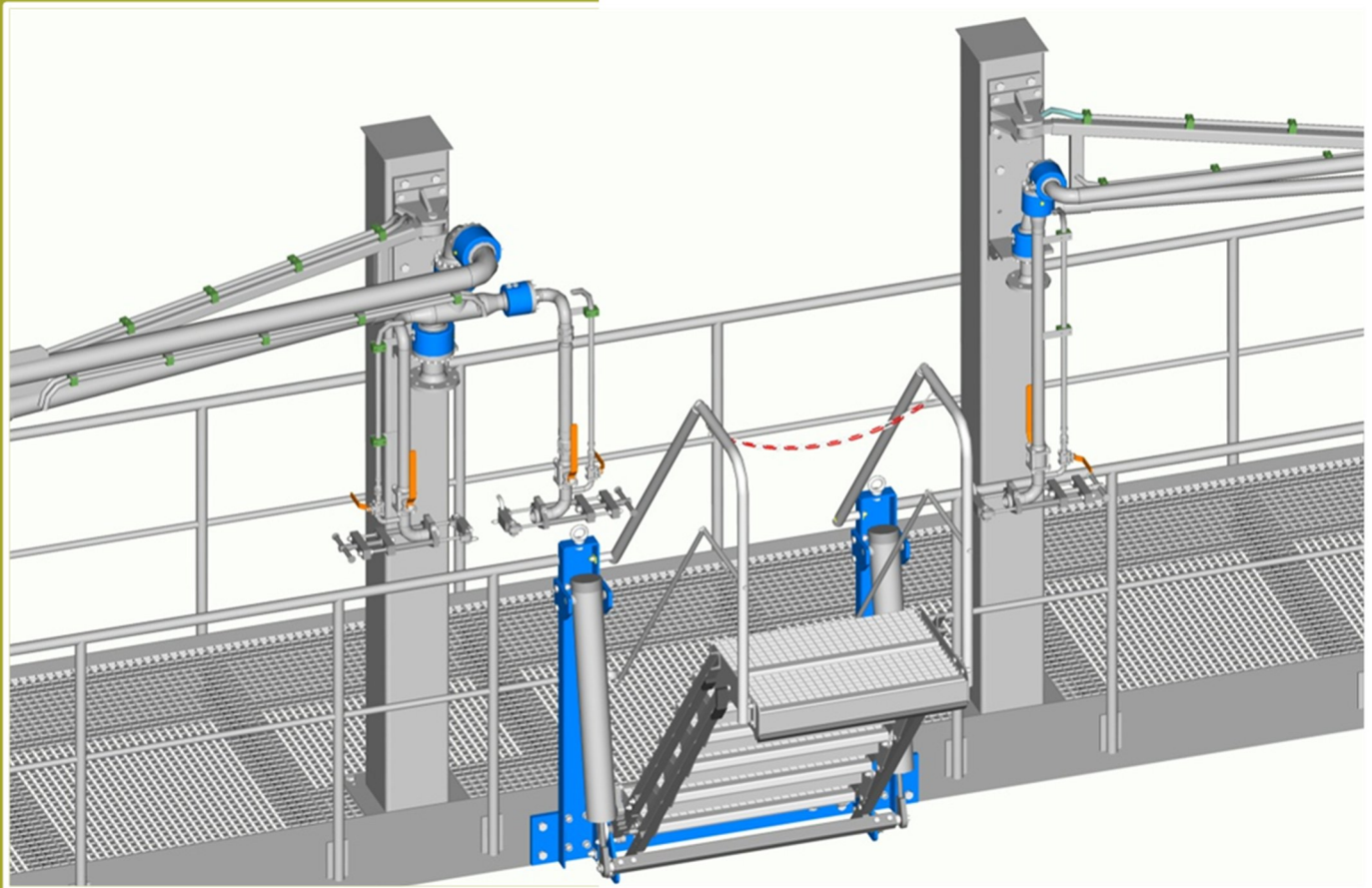
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Folding Stairways



IGATEC Folding Stairways are used for top loading systems to ensure safely walking on vehicles to be loaded and unloaded.

Folding stairways are fixed to the loading platform and swung out to the level of the tanker vehicle.

A suitable number of steps and folding angle allow the easy adjustment to different heighted vehicles.

Safety steps and railing with knee strip ensure a highest level of occupational health and safety.

The safety steps are designed in a way that injuries caused by the folding stairs are avoided.

Notches allow the stairway to hover above the vehicle to be loaded, so there is no need to touch it.



Folding Stairways

Dimensions:

		A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	R [mm]	V [kN]	V* [kN]	M [kNm]	M* [kNm]
• Number of steps	3	845	1125	1235	340	668	589	678	1589	590	5.0	5.4	3.0	4.1
	4	1085	1366	1530	511	839	884	694	1884	885	5.3	5.7	4.0	5.2
	5	1326	1607	1825	681	1009	1178	711	2178	1180	5.6	6.0	5.0	6.3
	6	1568	1849	2120	852	1181	1473	727	2473	1475	5.9	6.3	6.0	7.4

*incl. protective cage (1400mm x 2800mm)

- Manual operation by spring cylinder
- Large operation angle
- Safety railing with knee strip
- Steps hot-dip galvanized
- Arrestor notch to ensure hovering whilst walking
- Unified drilling pattern
- Corrosion inhibition by zinc coating
- Notch for parking position
- Rubber coated touching area

Optional Accessories:

- Operation
 - ⇒ Pneumatical
 - ⇒ Hydraulic
- Protective cage with railing for additional coverage of loading area
 - ⇒ 1400mm x 1400mm
 - ⇒ 1400mm x 2800mm
- Verification of parking position by proximity switch (also for explosion hazard area)
- Moving device to drive the folding stairs along the platform

