



Storage Tank Systems

Floating Suction System

Floating Roof Drainage

Skimmer

Know how & consulting directly from manufacturer with decades of experience

That's why you choose... The logo for IGATEC International. It features the word 'IGA' in a large, bold, sans-serif font. To its right, the word 'International' is written in a smaller, blue, sans-serif font. Below 'IGA' and 'International' is a horizontal line. To the right of this line, the word 'TEC' is written in a large, bold, sans-serif font.

- **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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Floating Suction System



Floating Suction Systems are consisting of combinations of tubes and **IGATEC Swivel Joints** to ensure reliable and continuous extraction of product despite of changing product levels.

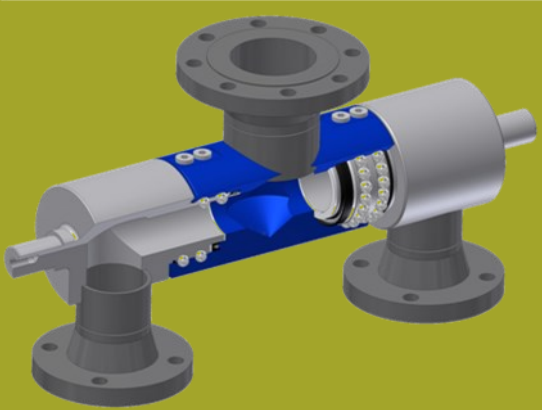
This design is suitable to fulfill different requirements within storage tank farms and systems.

Floating suction systems allow to extract the product directly below product level to ensure perfect product quality without any impurities which might otherwise be generated by sedimented contaminations from the bottom of the storage tank.

Floating suction systems are equipped with a pontoon, positioning the extraction orifice, irrespectively of product level, always directly below liquid surface.



Floating Suction System



Swivel Joint Type SO-W

Dimensions:

Nominal diameter	DN80 / 3" up to DN300 / 12"
Material	Carbon steel, stainless steel, ...
Gasket / sealing	PTFE, NBR, Viton
Connecting ends	According to customers' requirements
Type of swivel joint	W, LW, SO-W

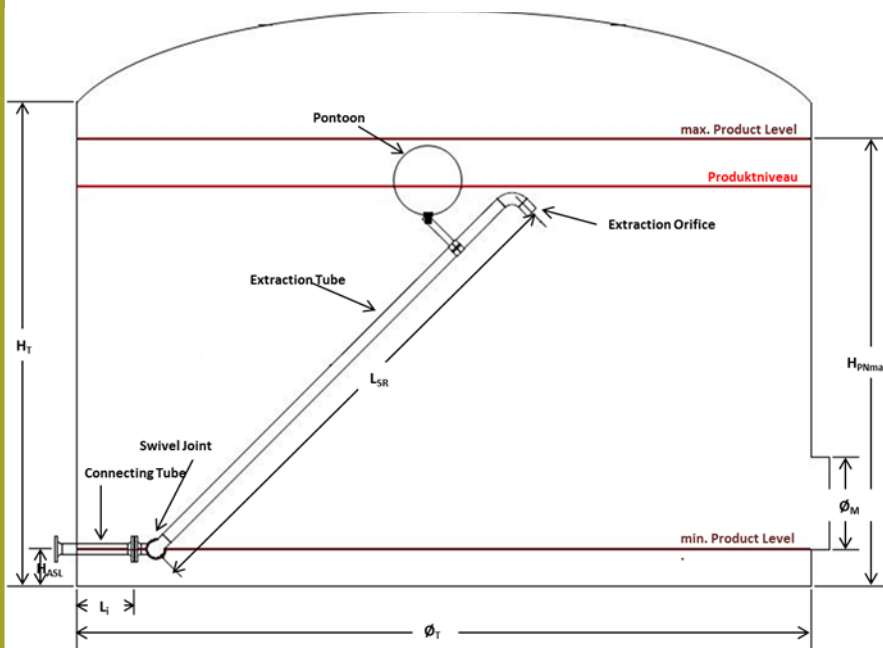
IGATEC Floating Suction Systems are characterized by:

- Long-lasting, reliable **IGATEC Swivel Joints**, customized to particular needs of applications and fluids to be transported
- Easy operation and movement of the system ensured by **IGATEC Swivel Joints**
- Stable system, especially in contrast to hose systems: no kinking of the hose
- Easy installation
- Corrosion resistance
- No turbulences in the tank
- Wide range of **materials** and swivel joint types allows to design systems for almost every tank and every product
- Customized design, construction, manufacturing and installation by taking into account the specific requirements of tank and product

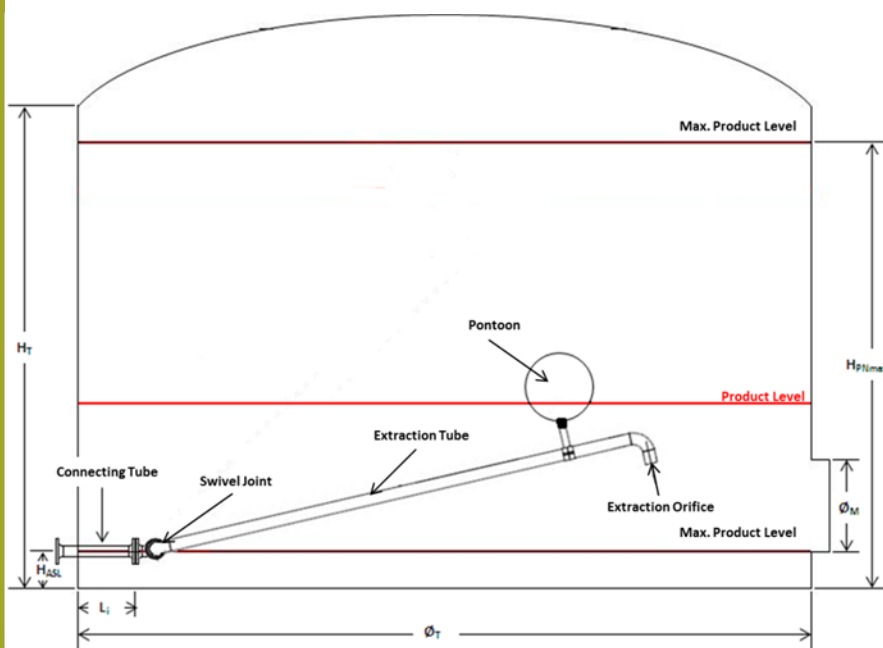


Floating Suction System

Floating Suction System at High Product Level



Floating Suction System at Low Product Level



ØT	Diameter of tank
ØM	Diameter of manhole
H _{PNmax}	Max. product level
L _i	Internal length
H _{ASL}	Level connecting tube
H _T	Height of tank
L _{SR}	Length of extraction tube (one or two parted with additional swivel joint)