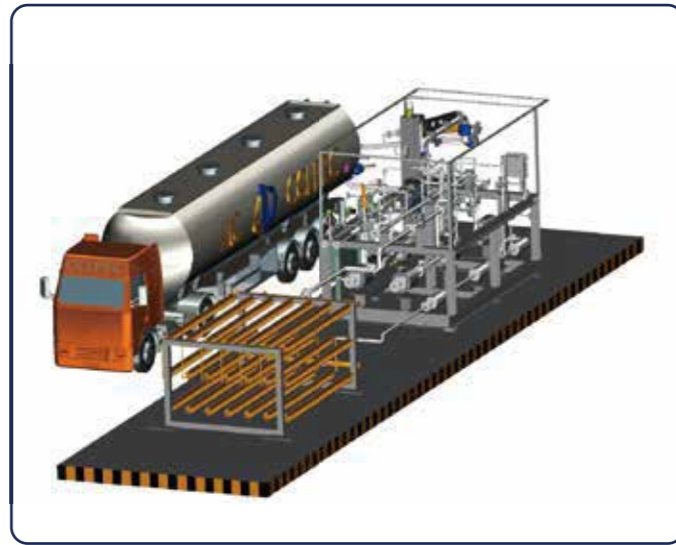


# LNG TRUCK/ISO TANK LOADING SYSTEM



## LNG Truck/ISO Tank Loading/Unloading Skid

- An LNG loading skid typically includes LNG pipeline, BOG pipeline, nitrogen purging pipeline, venting pipeline, cold circulation pipeline, and instrument air pipeline, among others.
- For LNG unloading skid, a vaporizer is usually incorporated to facilitate pressurized unloading, and an option for a cryogenic pump can be added to enhance unloading efficiency.
- Equipped with a local controller, the skid can achieve either full automation or semi-automation for loading operations. A batch controller guides operators to minimize the risk of operational errors.
- CCLPEC offer the optimization of dual loading lines within a single framework, allowing simultaneous loading of LNG trucks on both sides. This significantly reduces the land requirement and clients' CAPEX.
- All electrical and instrumentation components are sourced from top global suppliers, with long-term agreements signed with CCLPEC, ensuring better overall equipment pricing compared to individual procurement to save clients' cost.
- Enhance the overall precision of the skids by our extensive experience. After installation, we can optimize the metering accuracy to  $\pm 20\text{kg}$  after undergoes five loading tests.
- CCLPEC's LNG loading arms represents a decade of refined craftsmanship, having produced over 1500+ units. It enables single-operator usage, labor savings, leak-free operation, and offers online seal replacement. The independently developed rapid coupler by CCLPEC allows direct connection to tanker flanges, and it remains capable of being assembled or disassembled in just several seconds even under ice covered.

**Design Flow Rate for Loading:** 50-80m<sup>3</sup>/h

**Design Flow Rate for Unloading:** 15-30m<sup>3</sup>/h

**Pipe Diameter:** DN50, DN80, DN100

**Pipe material:** SS304/L, SS316/L

**Main Items:** LNG truck loading arm or LNG hose, flow meter, flow control valves, shut-off valves, TT, PT, cryogenic pump, vaporizer, etc.



1000+ Sets CCLPEC LNG Loading Skids in Service Worldwide



Experience Matters  
Unleash the Potential of LNG Loading with CCLPEC

- CCLPEC can provide you with efficient loading and unloading solutions for ISO tanks and LNG tanker trucks.
- CCLPEC's flagship products have demonstrated outstanding performance, with over 1,000 units supplied to more than 30 LNG receiving stations worldwide.
- We are a global leader in LNG skid-mounted solutions, boasting a wealth of accomplishments. Our extensive experience is poised to enhance the efficiency of your LNG loading station operations.
- Provide customized services to meet a variety of site conditions.
- Intelligent control system provides the whole process data monitoring, support to customer's DCS, SIS and SAP system.
- Suitable for all kinds of cryogenic fluids, including liquid hydrogen, liquid oxygen, cryogenic ethylene, etc.

Scan to find LNG loading skid video

