

Refuel your ship with liquefied natural gas at twice the capacity in the same time as normal truck-to-ship bunkering by attaching two tank trailers simultaneously. This becomes possible with MAKEEN Cryo's Y-piece for LNG marine bunkering.

The Y-piece is designed to work as an adapter that splits your fuel connection into two, allowing you to transfer fuel from double the amount of tank trailers. This is not limited to only two trailers: if you add a second Y-piece, the potential amount of tank trailers increases to four, cutting your bunkering time down to 25%.

With the Y-piece's lightweight design, it is a highly mobile solution. It weighs so little

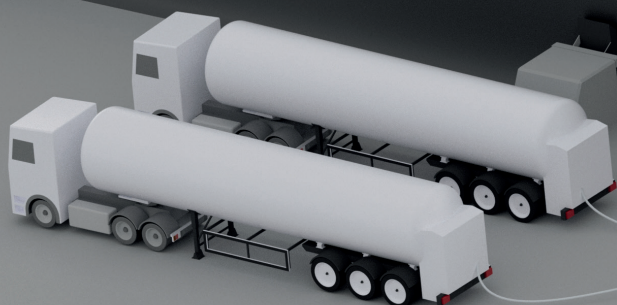
that it can be hand-lifted by just two crewmembers and transported on a standard trailer without the need for special machinery.

In order to make it as easy and widely applicable as possible, we have designed our Y-piece to fit any type of tank trailer. No matter what your trailers look like, connecting them to the Y-piece will be a simple matter. Its shut-off valves and purging system make it possible to disconnect and change trailers during the filling operation, so your bunkering never has to stand still before it is completed.

In short, the Y-piece is an easy, flexible and safe way to greatly increase the efficiency of your LNG bunkering process.

Key features

- Bunkering directly from two trailers
- Interchangeable trailers during bunkering
- 40-120 m³/h bunkering flow
- Universal solution that enables different trailer designs
- Fully movable bunkering solution due to the compact and lightweight design
- Y-shaped for optimised flow
- High safety level
- Can be expanded to fit four tank trailers

**NIIJMAN/ZEETANK International Logistic Group :**

"MAKEEN Cryo's Y-piece has been a game changer for us. It has drastically increased the efficiency of our LNG bunkering process, and it was very easy to install and use. We have already performed several bunker operations and are quickly accustomed to working easily and safely with the new equipment. The professional assistance from MAKEEN Cryo has only made the experience better."

MAKEEN Cryo designs, manufactures, and delivers liquefaction, bunkering, refuelling, service, and engineering solutions for liquefied natural gas (LNG) and liquefied biogas (LBG) – clean and highly cost-efficient fuels. In every solution, we focus on implementing our 4 core principles: scalability, zero emissions, customisation, and mobility. MAKEEN Cryo is a division of MAKEEN Energy.