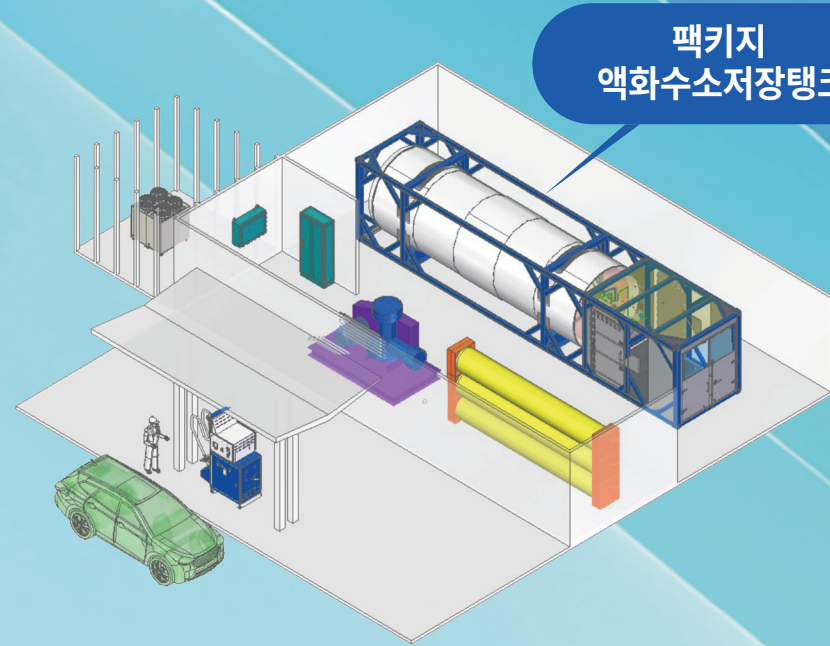
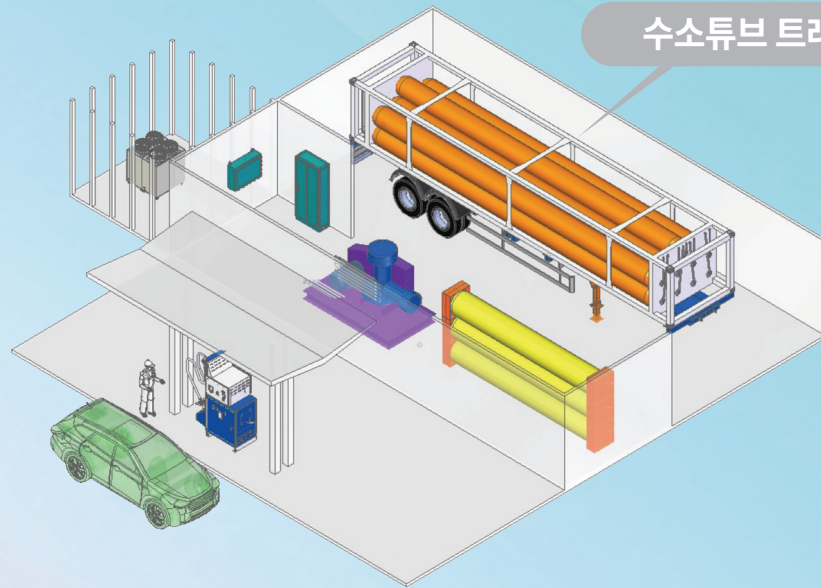


Conversion Project [Gas to Liquid H₂ refueling station]

충전소 전환사업 [기체수소 -> 액화수소]

Global Partner of Transport & Storage! DL
수송과 저장의 글로벌 파트너! DL



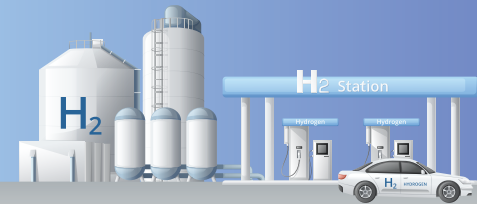
장점

구축비용절감, 설비설치시간단축, 충전량증가

액화수소 공급시스템을 패키지 형태로 개발하여 **구축비용 절감 및 설비설치시간 단축**

기체수소 충전소 대비 **3배 이상 충전가능**

기체수소대비 12배의 수소를 운송 가능하기 때문에 **운송비 절감**



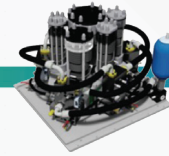
기존
충전소



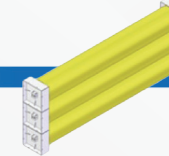
GH₂ ~ 250 kg



Tube Trailer(200 bar)



GH₂ Compressor
(~ 900 bar, 25~30kg/h)



Mid Bank(500 bar)
High Bank(900 bar)

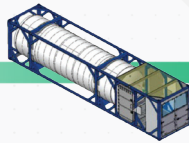


Dispenser

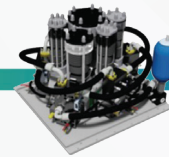
액화
충전소
전환



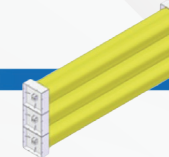
LH₂ ~ 3,000 kg



Package LH₂ Tank



GH₂ Compressor
(~ 900 bar, 100kg/h)



Mid Bank(500 bar)
High Bank(900bar)



Dispenser

Technical Data_ 기술자료

Item(항목)	Specifications(제원)
Type(형식)	Station
Volume(용량)	20 ~ 40 KL
InnerTank Design Pressure(내탱크설계압력)	0.6 ~ 1.2MPa
Insulation(단열방식)	SI+Vacuum(슈퍼인슐레이션 진공단열)
Equipment Parts(구성부품)	Package LH ₂ Tank(액화수소 패키지탱크), Cooling Unit(냉각 장치), Compressor(컴프레서), ControlPanel(컨트롤판넬), ControlSystem(컨트롤시스템), Dispenser(디스펜서)