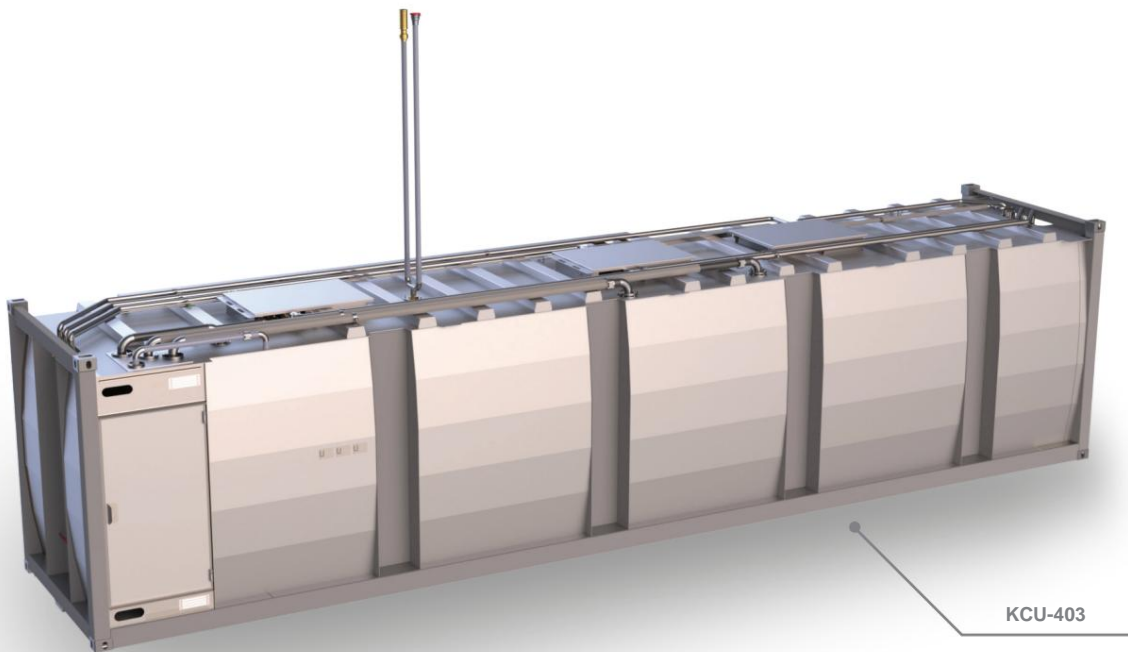




Krampitz



Characteristic	Area of application / media			Lineup	
E2 double-walled	E12 basic hazardous to water	E19 Flash point >55°C	E11 Chemical industry	E3 cleaned and transportable	E8 Outdoor use



The UNIVERSAL gas station KCU is a modular system for a wide variety of installation and application configurations. Manufactured as a cubic, double-walled construction with up to three tank chambers, the main storage tank is designed for storing diesel, gasoline and urea solutions. The tank body is equipped with a sturdy container frame with ISO corners that complies with international CSC regulations.

The tank can also be permanently and resiliently connected to additional modules using practical quick-tie connections. First and foremost is the open fuel pump platform (type KC-P) to accommodate a wide variety of fuel pumps. As a professional addition to

The platform is served by a roof module (type KC-DM), which can be mounted (also retroactively) on the fuel pump platform and covers the entire refueling area on both sides. For individual expansion of the tank chambers, the KCU tank container is supported by smaller, double-walled additional tanks (type KC-ST) in three sizes. The single-walled room modules (type KC-R) are offered in the same dimensions as the additional tanks and are used to store or accommodate additional equipment. Three different office modules (type KC-O) are available for the office area.

Advantages of this system are:

- high static strength and double-walled construction
- Redesigned floor assembly for fixing the foundation using adhesive anchors
- Optimum space-content ratio thanks to cubic design
- Seal the tank openings with a hood to protect against moisture and vandalism

Technical changes reserved!

material	Permit	documentation	Sheet
Steel S235JR	General building supervisors Approval Z-38.12-312	Test certificate 1-time German	1/3

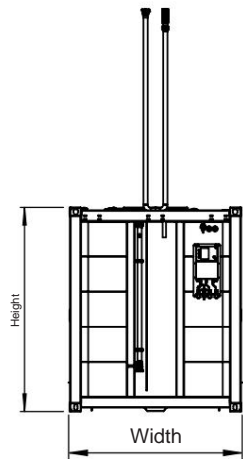
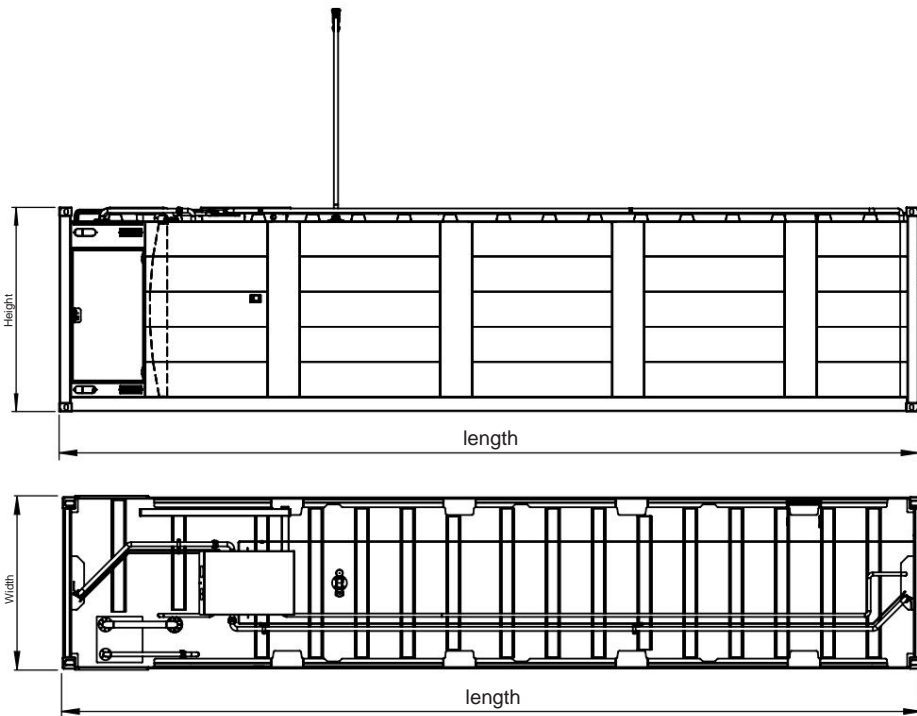
model series | Product data sheet - as of 12/2023

KCU | **UNIVERSAL gas station - main storage tank**
Multi-chamber tank for diesel / gasoline / urea



Tank type	volume 95%	length In total	Width In total	Height In total	Container height	Weight (empty)
Item No.	liter	mm	mm	mm	mm	kg (approx.)
KCU-201	24,000	6,058	2,438	2,896	2,500	6,500
KCU-202	24,000	6,058	2,438	2,896	2,500	7,000
KCU-203	24,000	6,058	2,438	2,896	2,500	7,500
KCU-401	55,000	12 192	2,438	2,896	2,500	11,000
KCU-402	55,000	12 192	2,438	2,896	2,500	11,500
KCU-403	55,000	12 192	2,438	2,896	2,500	12,000

Please note: Transport only when empty and cleaned!



KCU-401
40 ft. version with 1 tank chamber

Standard accessories:

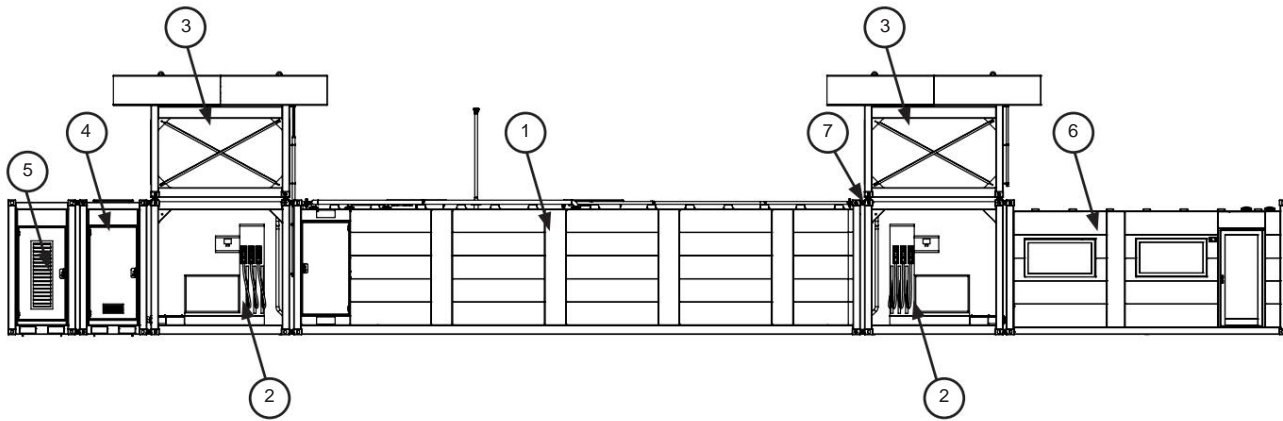
- Robust, cubic, double-walled body made of S235JR steel
- Tank roof (self-supporting, single-walled construction)
- Hood element mounted on the tank roof, consisting of:
 - » Closure hood with gas pressure spring and handle bar
 - » Dome entrance DN 600
 - » 5x connection flanges DN 160 (each hood element) with 2x2" sockets each
- Floor assembly with continuous longitudinal beams and integrated Forklift bags
- Functional niche (electrical) with locking door to accommodate the Central control and the electronic vacuum leak detector
 - » Dimensions (approx.): Width: 1,000 mm, Depth: 1,200 mm, Height: 2,500 mm
- Functional niche (transfer) with locking door to accommodate the Filling fittings and pipelines
 - » Dimensions (approx.): Width: 1,000 mm, Depth: 1,200 mm, Height: 2,500 mm
- Cable and pipe penetrations in the floor of the niches
- Electrical connection and distribution box (including control and Wiring of the existing electrical components) included Lamp and switch
- Filling systems for tank truck connection with tank truck coupling Installed
- Climbing ladder (climbing rungs mounted in one of the outer stiffening niches) including 2x grab handles on the tank roof (ladder and grab handles are omitted with thermal insulation)
- Mechanical content indicator (dipstick and lock)
- Suction line "DN 50 (2") with foot valve and basket
- Limit sensor (probe) with type approval

Technical changes reserved!

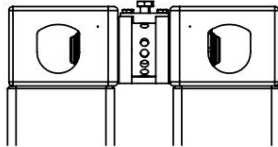
material	Permit	documentation	Sheet
Steel S235JR	General building supervisors Approval Z-38.12-312	Test certificate 1-time German	2/3



Example: KCU-401 - 40 ft version with 1 tank chamber, complete module with all KCU components



7 view of quick-tie connectors



1. Main storage tank KCU
2. KC-P fuel pump platform
3. Roof module KC-DM
4. Additional tank KC-ST
5. Room module KC-R
6. Office module KC-O
7. Quick-tie connection
(between all modules, top and bottom)

KCU system building blocks:

- Platform to accommodate a fuel pump (**KC-P**)
- Roof module for mounting on 10 ft ISO frame (**KC-DM**)
- Additional tank to expand storage capacity (**KC-ST**)
- Room module for accommodating equipment (**KC-R**)
- Office module for the operating staff, including air conditioning (**KC-O**)

Optional accessories (excerpt):

- Safety equipment for highly flammable media, e.g. B. Gasoline
- Equipment for special media, e.g. B. urea solutions
- Electric tank heating
- Heating register
- Thermal insulation to prevent condensation and the risk of frost
- Sun protection roof
- Petrol pumps, fuel dispensers, small dispensers, filters, pumps
- Residual emptying (including ball valve, anti-siphon valve, tanker coupling with cap)

- Acceptance by DNV (CSC shield) for international transport
- Tank interior coating (corrosion protection)
- Painting in all RAL colors (surcharge)

Corrosion protection:

- Inside: raw, oiled
- Exterior: LA-3 coating in RAL 7032 (pebble gray)

Documentation:

- Test certificate/declaration of conformity
- Building approval and overview drawing
- Data sheets for accessories
- WHG and ISO 9001 certificates
- Installation certificate of the vacuum leak warning device
- CE declaration of conformity for terminal box

Technical changes reserved!

material	Permit	documentation	Sheet
Steel S235JR	General building supervisors Approval Z-38.12-312	Test certificate 1-time German	3/3