

KCS**Operational petrol station „Smart“**

The Smart tank container is designed for the storage of fuels, mineral oils and urea solution outside of buildings. It is a multifunctional double wall cubic tank body with an equipment niche in the front wall conceived for the use as a storage tank or process tank/petrol station for the inside/outside installation. The equipment niche is locked by a door. The man hole and the flanges on the roof side for the installation of the fittings are protected by a hatch element. The penetration opening above and below the door are used for the penetration of pipes and cables.

In the front side of the KCS is an equipment niche situated, in which the vacuum leakage detector is located. Furthermore additional pumps can be installed here which can supply external decives. This equipment niche is being locked by a door. On the tank roof a lockable hatch element is located, which can include the installed fittings on the rooftop.

Advantages:

- Optimal transport dimensions for truck transport
- Fits optimally in international High Cube ISO freight containers
- High static firmness and safety by double wall construction
- Optimal space capacity ratio
- Cheap functional design

Tank type	Volume 100 %	Volume 95 %	Length total	Width total	Height total	Height container	Weight (empty)
Art no.	liter	liter	mm	mm	mm	mm	kg (approx.)
KCS-05	5.400	5.200	2.010	2.020	2.410	2.002	1.800
KCS-10	10.400	10.000	3.410	2.020	2.410	2.002	2.800
KCS-20	19.800	18.800	6.010	2.020	2.410	2.002	4.000



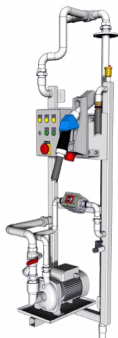
KCS-05
Operational petrol station „Smart“



KCS-10
Operational petrol station „Smart“



KCS-20
Operational petrol station „Smart“



dispense unit in storage tank
including conduiting



hose reel approx. 20 m

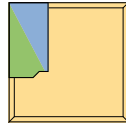


fuel control system

Technical changes reserved!

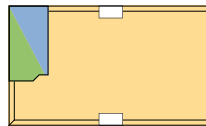
KCS**Operational petrol station „Smart“****Overview variants - ground plan schematic**

Variant		KCS-05	
Description		„Smart“	
Medium		Diesel	
Volume (approx.)	100%	5.400	liter
	95%	5.200	liter
Dimensions	length total	2.010	mm
	width total	2.020	mm
	height tank	2.002	mm
	height total	2.410	mm
Weight (approx.)		1.800	kg



- tank body double wall, vacuum leakage device
- one chamber tank
- conceived for the storage and filling of diesel

Variant		KCS-10	
Description		„Smart“	
Medium		Diesel	
Volume (approx.)	100%	10.400	liter
	95%	10.000	liter
Dimensions	length total	3.410	mm
	width total	2.020	mm
	height tank	2.002	mm
	height total	2.410	mm
Weight (approx.)		2.800	kg



- tank body double wall, vacuum leakage device
- one chamber tank
- conceived for the storage and filling of diesel

Variant		KCS-20	
Description		„Smart“	
Medium		Diesel	
Volume (approx.)	100%	19.800	liter
	95%	18.800	liter
Dimensions	length total	6.010	mm
	width total	2.020	mm
	height tank	2.002	mm
	height total	2.410	mm
Weight (approx.)		4.000	kg



- tank body double wall, vacuum leakage device
- one chamber tank
- conceived for the storage and filling of diesel

Technical changes reserved!

diesel	aviation fuel	filling / function niche	generator set / function niche
petrol	urea solution	dispensing nozzle / function niche	office
heating oil	electric / function niche		