



Airfield gas station containers for refuelling of aircrafts

**Kram
p
o
i
t
z**
TANKSYSTEM
GMBH



Fields of application



aid organizations



air transport companies



offshore platform

air supply – conflict area



Minotaur® gas station containers are characterized by their robustness, high reliability, quick and uncomplicated installation.

Because of the extensive international approvals, they are used in all areas of professional fuel supply, such as:

- air transportation companies,
- mining, construction industry, construction companies,
- aid organizations.

The Minotaur® gas station container meets European and international requirements as a helicopter gas station, through the use of ATEX certified components. The equipment meets highest safety requirements in dealing with airfield fuels.

Minotaur® gas station containers are the only product which were approved the German Institute for Building Technology (DIBt), to store highly flammable liquids in tanks above ground with a capacity of 40,000 liters.

The possibility to store the fuel above ground, which is needed to refuel helicopters, allows the installation of helicopter gas station within a very short period of time.

Content

Fields of application	2
Equipment	4
Technical data	6



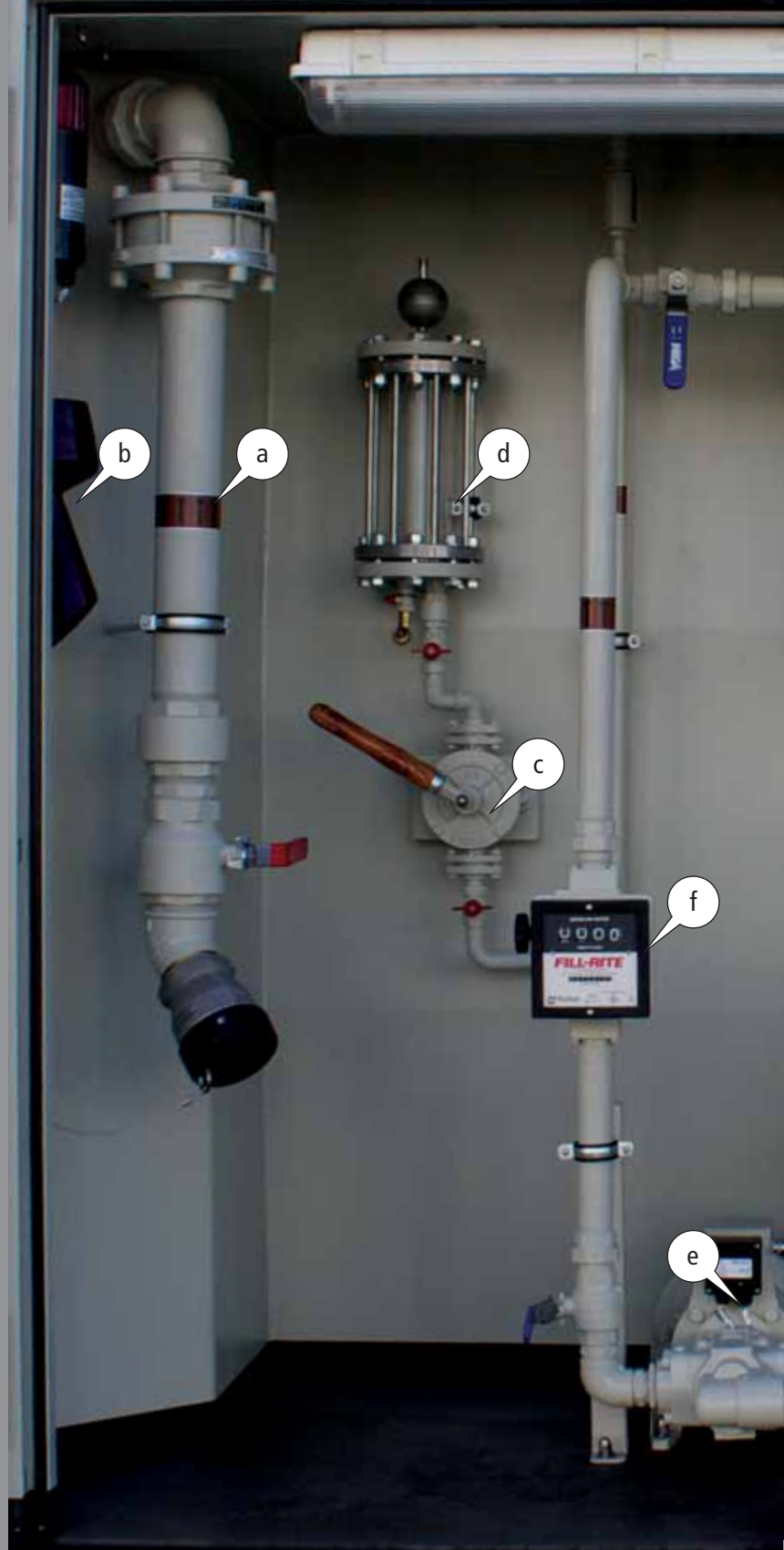
MINOTAUR® gas station container as a „helicopter gas station“



dispensing unit alongside centered integrated

Equipment

- a) filling system DN 80 with DDC dry clutch (TODO male part) and protective cap, as well as ball valve and non return valve, including flame arrester
- b) by achieving the permitted filling level, an audible (horn) as well as a visual alarm (flash light) is triggered and the filling is interrupted
- c) manual pump for sampling
- d) sampling / water suction with glass tube inspection glass
- e) feed pump 100 l/min., industrial gear pump for extraction from tank
- f) not calibratable, mechanical counter
- g) fuel filter with water absorbing element
- h) automatic hose reel spring-actuated, hose diameter DN 25, hose length 25 m and high performance automatic nozzle
- i) cable drum for potential equalization
- j) control panel, light / and emergency shut-off, supply pump switch (start / stop), button for horn cut-off

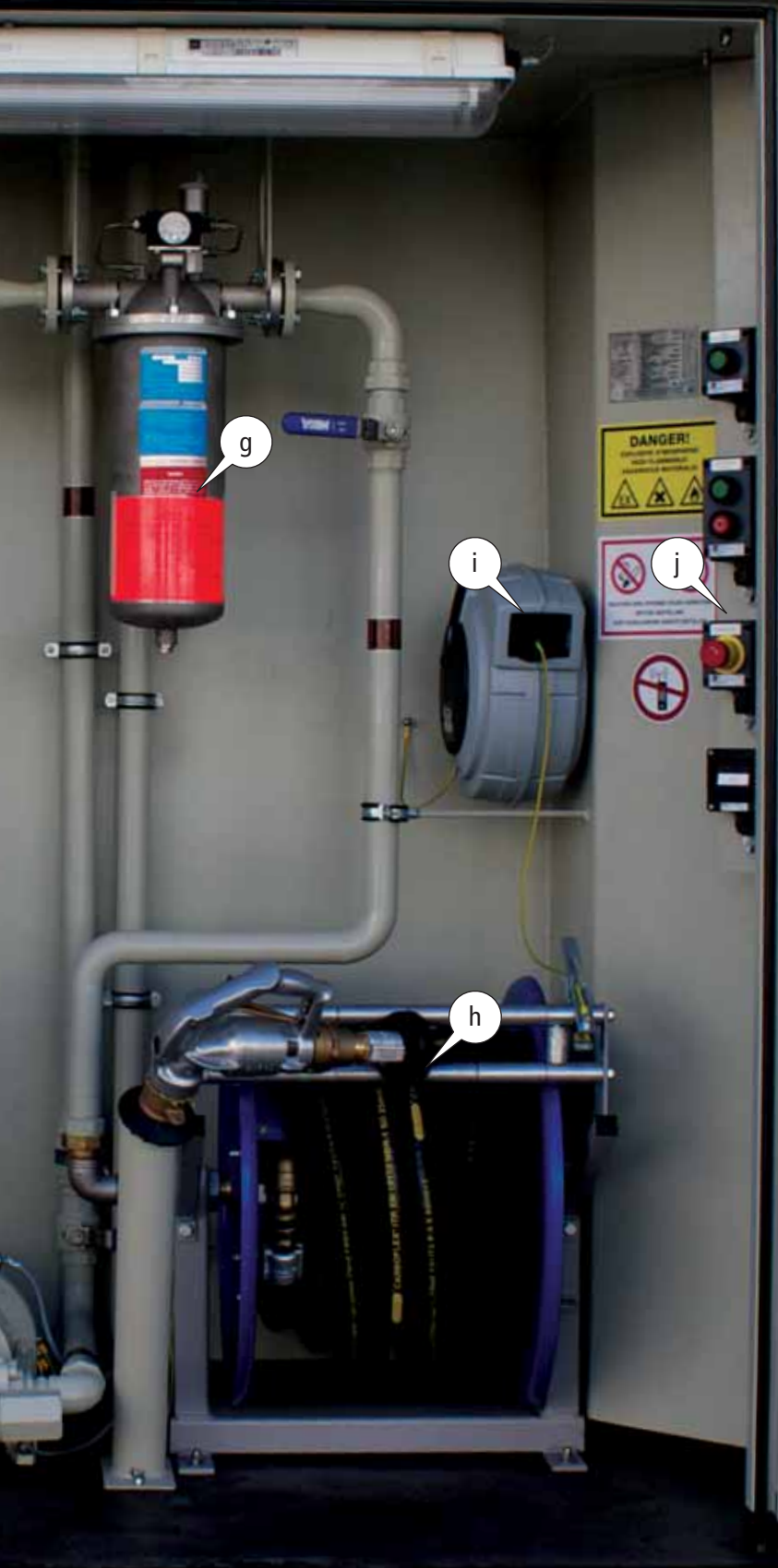


high performance automatic nozzle



vacuum leak detection, system control





The Minotaur® gas station container is used for refueling the gas turbine engines of jets and turboprop aircrafts as well as helicopters with aviation fuels, such as:

- Kerosene,
- Jet-A1.

The standard version of the Minotaur® gas station container consists of a rigid frame with ISO corners. The robust, cubic steel body is double-walled. The ISO dimensions allow a simple and cost-effective transportation of the gas station container by road, rail and ship.

The double-walled construction of the tank body and the use of ATEX certified components allow a longer-term, above ground storage of highly flammable liquids hazardous to water.

The Minotaur® gas station container itself is a cubic storage tank container where a dispenser is integrated. Alternatively, a not calibratable (for personal use) or calibratable dispensing system can be installed (for resellers).

The Minotaur® gas station container needs for operating a connection to a power supply system.

**Robust - functional
ultra-modern system unit
finest German Quality**



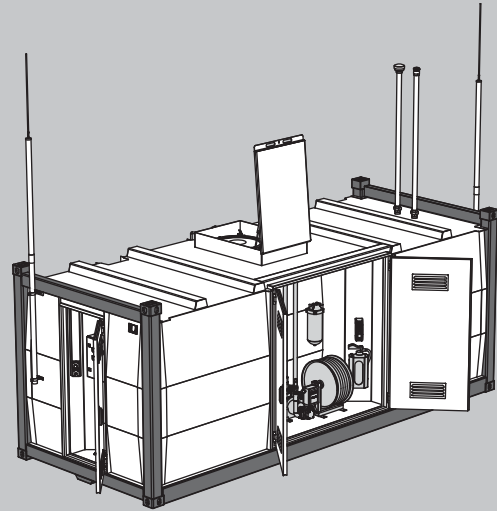
antistatische Keramikcomposite Innenbeschichtung, Blitzschutzanlage und Sicherheitsbaugruppe für Druckausgleich

Technical data

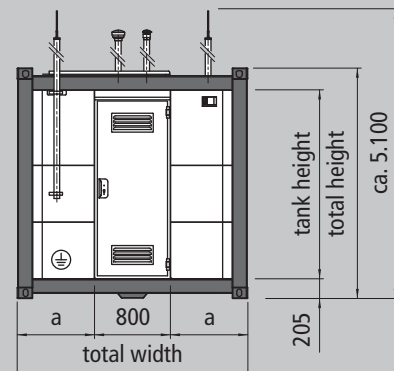
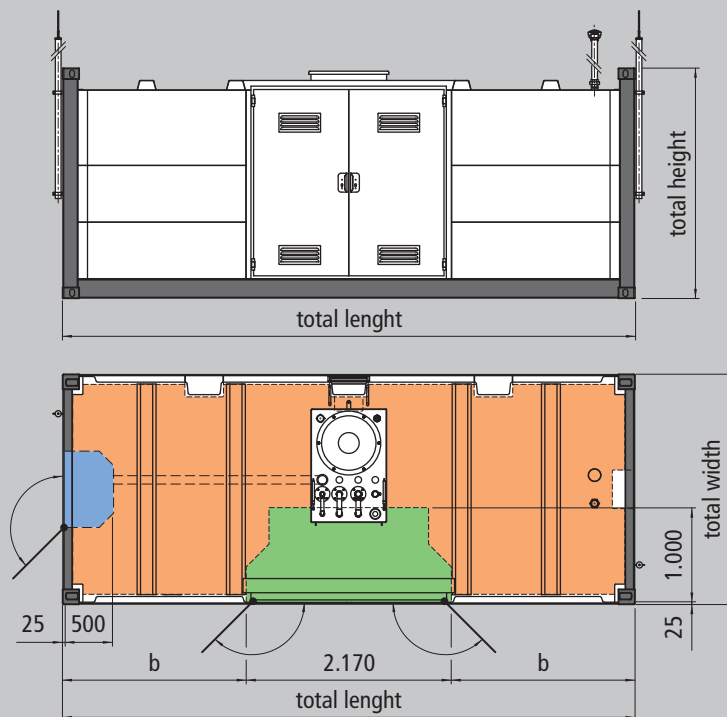
Gas station container, application variant „Helicopter Gas Station“

This tank station container is used for refueling of helicopters with aviation fuels such as kerosene, Jet A1.

- needs for operating a connection to the power supply system,
- is designed for temperatures ranging from -25°C to +35°C,
- includes:
 - as standard two function niches,
 - filling without integrated transfer pump for refueling from tank wagons in dispensing / function niche,
 - sampling / water suction with glass tube inspection glass,
 - not calibratable dispenser alongside integrated with an extraction point Heavy Duty Standard 100 l/min.,
 - mechanical meter and fuel filter with water absorbing element,
 - mechanical hose reel,
 - high-performance automatic nozzle with 25 m delivery hose.



Please note: Standard equipment can be found in the corresponding data sheet!



- load carrying system - certified transport frame
- robust, cubic, double-walled body
- tank chamber – kerosene, Jet-A1
- dispensing/ function niche alongside centered
- electrical/ function niche frontside centered

tank type	volume 100 %	volume 95 %	total lenght	total width	total height	tank height	weight (empty)
art. no.	litres	litres	mm	mm	mm	mm	kg (approx.)
KCD-TS-V10-10	7.600	7.200	2.991	2.438	2.438	2.000	3.400
KCD-TS-V10-20	21.600	20.600	6.058	2.438	2.438	2.000	5.800
KCD-TS-V10-40	48.800	40.000	12.192	2.438	2.438	2.000	9.800

Please note: Transportation only in empty and clean condition!

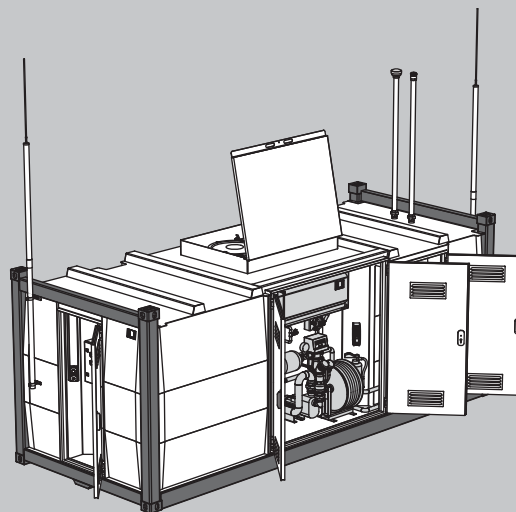
Technical changes reserved!

Technical data

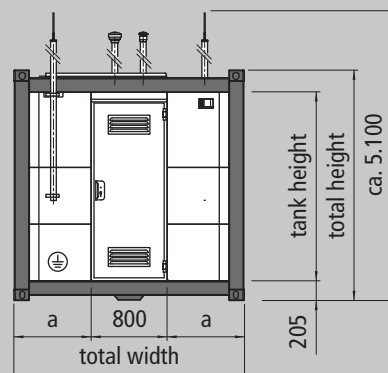
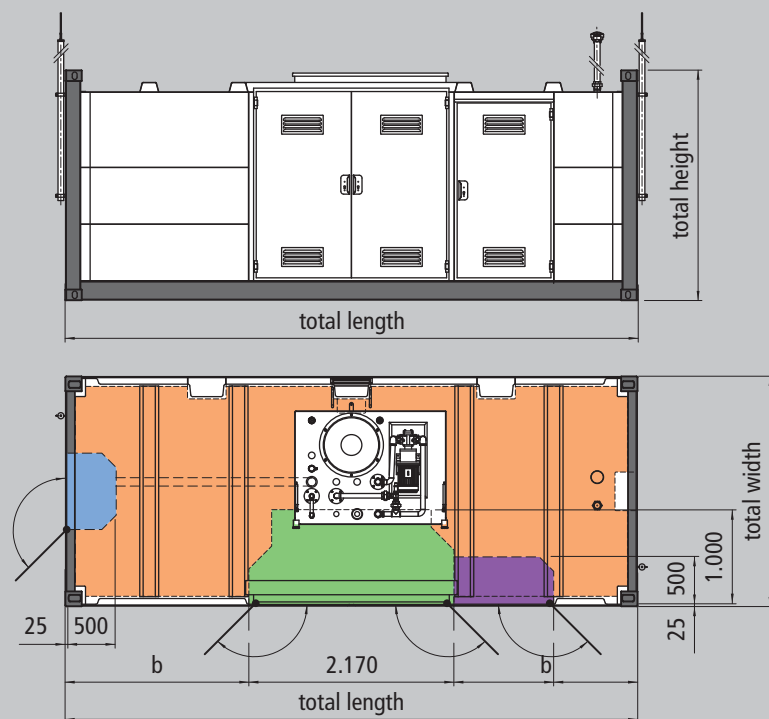
Gas station container, application variant „Helicopter Gas Station“ with dosing system for aviation fuel antifreeze

This gas station container is used for refueling of helicopters with aviation fuels such as kerosene, Jet A1.

- needs for operating a connection to a power supply system,
- is designed for temperatures ranging from -25°C to +35°C,
- includes:
 - as standard three functional niches,
 - filling system with transfer pump and input filter for refueling from tank wagons, integrated into dispensing/ function niche,
 - sampling / water suction with glass tube inspection glass,
 - verifiable dispenser alongside integrated with an extraction point Heavy Duty Standard 200 l/min.
 - integrated day tank with dosing system for aviation fuel antifreeze,
 - mechanical counter and multi-stage filter / water separator,
 - mechanical hose reel,
 - high-performance automatic nozzle with 25 m delivery hose.



Please note: Standard equipment can be found in the corresponding data sheet!



- load carrying system - certified transport frame
- robust, cubic, double-walled body
- tank chamber – kerosene, Jet-A1
- dispensing / function niche alongside centered
- electrical / function niche frontside centered
- filter / function niche alongside right

tank type	volume 100 %	volume 95 %	total length	total width	total height	tank height	weight (empty)
art. no.	litres	litres	mm	mm	mm	mm	kg (approx.)
	-	-	-	-	-	-	-
KCD-TS-V11-20	20.600	19.600	6.058	2.438	2.438	2.000	5.800
KCD-TS-V11-40	47.600	40.000	12.192	2.438	2.438	2.000	9.800

Please note: Transportation only in empty and clean condition!

Technical changes reserved!

Krampitz Tanksystem GmbH

Headquarters Dahlenburg

Dannenberger Str. 15
21368 Dahlenburg/Lbg, Germany
Tel.: +49(0)5851/944 596-1
Fax: +49(0)5851/944 596-9

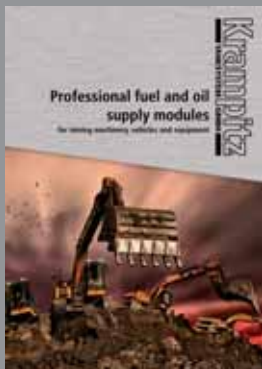
Office Salzwedel
Order Processing

Siedlung des Friedens 40
29410 Salzwedel, Germany
Tel.: +49(0)3901/3088-100
Fax: +49(0)3901/3088-131

Production site Henningen

Henningen 78
29410 Salzwedel OT Henningen, Germany
Tel.: +49(0)39038/9078-0
Fax: +49(0)39038/9078-10

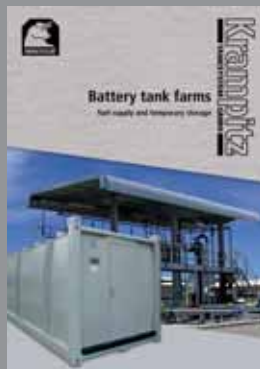
www.mining-tanks.com
info@mining-tanks.com



Professional fuel and oil supply modules



Storage tank containers



Battery tank farms



Mining gas station containers



Airfield gas station



Office container



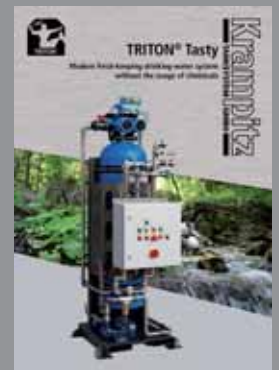
Mobile service module for on-site employment in mining



Mobile maintenance module for on-site employment in mining



KRP-5000 - Automatic fuel cleaning and treatment station for tank systems



TRITON® Tasty fresh-keeping drinking-water system

About the information in this brochure:

The illustrations and descriptions can also contain accessories and optional equipment which do not belong to the standard scope of supply. Color deviations are caused by printing technology. Duplication of this document is allowed only in complete form or with express authorization by Krampitz Tanksystem GmbH. © 2013

Version 09.2013 - English