

SOLUTIONS



**TENTS &
SCREEN
FENCES**

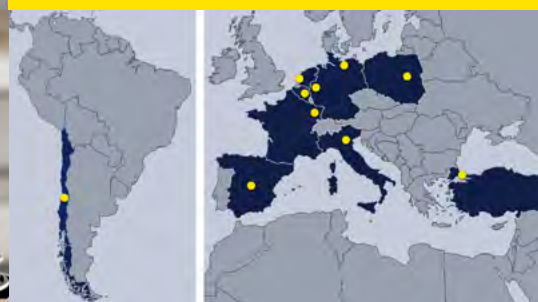
**WORKING
SHELTERED**





TROTEC

LOOKING FOR
INNOVATIONS.
FINDING
THE FUTURE.



An international success story -
12 subsidiaries in Europe,
Asia and South America.

TROTEC GROUP

Specialized knowledge, linked up intelligently, guaranteeing you the best conditions for your success.

Once upon a time... it all started with own devices for climate conditioning. Since 1994, the Trotec Trade Division forms the contemporary Trotec Group's nucleus. From our headquarters in Heinsberg this division coordinates our development departments, the production facilities in Europe and Asia as well as all service centres and the training programme.

Trotec Trade Division: Here we get busy doing business.

The Trotec Trade Division supplies the industry, tradesmen and craft enterprises with professional product solutions for climate conditioning. We provide the full range of machines and measuring devices as well as work tents and screen fences. In the past decades our leitmotif of offering innovative technology at the best possible rates has not only made us one of the leading industrial equipment suppliers but by now also a successful provider of corresponding product solutions for private usage.

From portable small equipment to stationary climate control concept.

The Trotec Group ranks among the global leaders in terms of mobile and stationary machines for climate conditioning. With its product portfolio consisting of dehumidifiers, humidifiers, heating devices and air conditioners, air cleaners and fans the Trotec Trade Division covers the entire range of products from portable small equipment to stationary industrial facility.

Innovative measuring technology for control, detection and localisation.

In the fields of portable measuring equipment, too, we are one of the global prime addresses. We develop, produce and distribute innovative measuring devices for climate, building technology, quality/emission control, industrial maintenance as well as detection and localisation.



TESTIMONIALS TO BE PROUD OF.



"Mobile Trotec screen fences provide the calm surroundings to administer first aid."

Herbert Tschimben, Kofler Fahrzeugbau OHG

"Regardless of the weather: Owing to the excellent assembly work tents from Trotec we can work on site 24/7."

Ulrich Thurmman, Röhn-Montage Fernmeldebau GmbH



"We specialize in the water proofing and repair of surfaces impervious to liquids as well as in the coating of manhole pits according to the German Water Resources Law (WHG). Trotec's sophisticated work tents and the mobile tent heater IDS 30 F have proved themselves in practice."

Herbert Wille, WHG-certified specialist company, 10 employees, 4 service vehicles

"With Trotec's accident screen fence, rubbernecks no longer stand a chance and we can finally do our job undisturbed again."

Marcel Schneiderwind, deputy fire brigade squad leader from the Langerwehe fire department



Going strong with tents and screen fences.

Your Trotec advantages:

- ✓ Competent and need-based consultation
- ✓ A great variety of individually suitable tents and screen fences
- ✓ Quick delivery
- ✓ Independent repair service
- ✓ Expert advice for special employment
- ✓ Professional accessories
- ✓ Proven quality and continuous technical improvements

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YOU DECIDE WHEN TO TAKE A BREAK.

Assembly tents for pros.

Up until yesterday the installation team was precisely on schedule. Today torrential rain jeopardizes the agreed finish date. And nobody knows what tomorrow will bring.

Other than you. Because unchallenged by hail, rain or storm: With the assembly work tents from Trotec, which have been tried and tested in any wind and weather, you know your team on site is dry - and at work.

Using our professional assembly work tents you can avoid unnecessary delays and so ensure a cost-effective order processing with happy customers.

This applies to all kinds of outdoor tasks conceivable, for instance to work on switch and control boxes, wastewater pumps and to inspections as well as earth- and connection works or canal construction and road works.

Also for rescue services, the fire brigade, the police and technical relief organisations, Trotec's robust tents offer the best support, e.g. when taking care of accident victims, for material storage, as weather protection or for shielding crime scenes.

A few practical benefits:

- Reflective strips all around increase safety
- All zip fasteners come with Velcro® rain protection strips
- Robust metal feet
- Convenient carrying bag





RUSH INTO THE TENT!

Pitching the assembly work tent is mere child's play and can quickly be accomplished by one person.

EACH AND EVERY DETAIL A PROFESSIONAL SOLUTION.

1. Intelligent construction

Our tents are full of innovative advantages. Starting with the minor pack size and the robust storage bags for transport. A Trotec tent can be assembled and disassembled by one person in a matter of seconds without tools, square and screws, because the stable fibre glass rods are integrated in tarp. The intelligently designed inner frame with plastic joints as well as the sophisticated clamping system with integrated fixing discs steady the tent.

2. High-end workmanship

All zip fasteners have Velcro® rain protection strips, rollable side walls with convenient quick-release buckles make the tent readily accessible, yellow splash and weighting band all round as well as reflective strips ensure optimum safety.

3. Lasting durability

Good for you, good for your team on the job: Each Trotec tent is dependably manufactured of choice materials. This ensures a lasting wear protection, high durability and good value retention. And best of all: our tents are maintenance-free and can easily be cleaned by use of a high-pressure cleaner.

4. Definitely lightfast

The tarp is made of high-quality, coated PVC. This ensures the lightfastness for safe working inside the tent without tiring and is important for the quick colour recognition of multi-coloured wiring looms.

5. Secure footing

Thanks to the robust metal feet the tents are positioned on firm ground in every situation.



1. Unpack.



2. One person is enough.



3. Erect.



4. That's it!





OUR STANDARD SETS NEW STANDARDS.

Assembly work tents with pitched and flat roof.

Tents as space-saving pitched roof, practical cube or convenient rectangle - Trotec knows what professionals desire. Therefore, the tent versions presented here represent only a small selection of our extensive range of different tent sizes and features. Incidentally, larger working areas can be covered by connecting several tents via the zip fasteners. Just tell us what you need.

A few practical benefits:

- Perfect protection against the rain and cold
- One-man assembly in a matter of seconds
- Self-supporting construction
- High-quality lightfast polyester
- Suitable for high-pressure cleaning

OUR TENT VARIETIES.

PRODUCT OVERVIEW ASSEMBLY WORK TENTS.

Work tent TE (pitched roof)



The tent of the TE series with pitched roof impresses with its sound workmanship, ensuring both reliable steadfastness and protection against the weather and other surrounding conditions.

TE series (pitched roof)				
Art. no.	Type	Length	Width	Height
4.110.002.050	180 TE	180 cm	180 cm	170 cm
4.110.002.070	250 TE	250 cm	200 cm	190 cm
4.110.002.080	300 TE	300 cm	200 cm	200 cm

Other sizes and configurations as well as special designs are available upon request. Special colours or individual corporate design possible.



Available in
yellow, red, blue
and white!

Work tent K (flat roof)



A generously proportioned footprint, lightfast material and a robust, needless to say absolutely watertight workmanship. These are a few good reasons speaking in favour of the assembly work tent of the K series.

K series (flat roof)				
Art. no.	Type	Length	Width	Height
4.110.003.050	180 K	180 cm	180 cm	200 cm
4.110.003.060	210 K	210 cm	210 cm	200 cm
4.110.003.070	250 K	250 cm	250 cm	200 cm
4.110.003.090	180x250 K	180 cm	250 cm	200 cm

Other sizes and configurations as well as special designs are available upon request. Special colours or individual corporate design possible.



Work tent KE (flat roof)



The work tent of the KE series provides sufficient space, a water-repellent, robust tent cloth and two additional zip fasteners by use of which one side can be rolled up completely.

KE series (flat roof)				
Art. no.	Type	Length	Width	Height
4.110.003.045	120 KE	120 cm	120 cm	150 cm
4.110.003.046	120 KE	120 cm	120 cm	200 cm
4.110.003.055	180 KE	180 cm	180 cm	200 cm
4.110.003.065	210 KE	210 cm	210 cm	200 cm
4.110.003.075	250 KE	250 cm	250 cm	200 cm
4.110.003.085	300 KE	300 cm	300 cm	215 cm
7.310.000.029	350 KE	350 cm	350 cm	215 cm
4.110.003.095	180x250 KE	180 cm	250 cm	200 cm
4.110.003.096	250x180 KE	250 cm	180 cm	200 cm

Other sizes and configurations as well as special designs are available upon request. Special colours or individual corporate design possible.





SPECIAL DESIGNS: OUR EXTRA STANDARD.

When it comes to special tent designs, we feel obliged to make things as easy as possible for you. There is hardly a wish we cannot fulfil: From additional viewing windows and variable tent doors to the convenient heating and ventilation.

Viewing windows. You prefer a little bit more light? If requested, we integrate window modules to the side walls of the tent versions you choose.

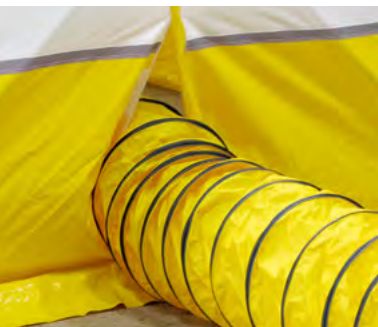
Variable tent doors. You need an alternative in addition to or in place of the standard tent entrance? We'd happily produce triangular doors and further variants for you.

Supply openings. You would like to offer your welding staff in the tent optimum air conditioning? We'd happily integrate one or more ventilation openings for you.

Show your colours.

Use the corporate design of your company to turn our assembly work tents into a striking symbol of your commitment:

This comprises the logo imprint as well as the corporate colours. Our principle of the greatest possible flexibility conceivable also applies to the assembly work tent in the corporate design of your company. This refers to all tents with pitched and flat roofs as well as to their size and the various special design options.



SPECIAL DESIGNS:



WINDOW
Additional triangle-shaped plastic foil window.
Art. no. 6.400.000.028



VENTILATION OPENING KE SERIES
Additional ventilation opening for work tents of the KE series.
Art. no. 6.400.000.024



TRIANGULAR DOOR REAR WALL
An additional back door.
Art. no. 6.400.000.010



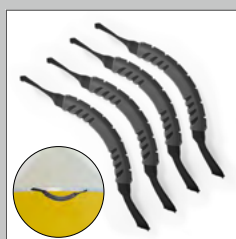
REFLECTIVE STRIPS
The reflective strips are grey, have a width of 5 cm and are sold by the meter.
Art. no. 6.400.000.026



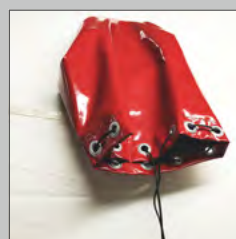
ZIP FASTENER
For all models.
Length 1 m:
Art. no. 6.400.000.020
Length 2 m:
Art. no. 6.400.000.022



VENTILATION OPENING
For exhaust discharge.
Art. no. 6.400.000.025



CARRYING HANDLES
Simply carry the tent from one site to the next.
Art. no. 6.400.000.065



OUTLET
For an air hose to supply fresh air or to extract dust from inside the tent.
Item no. 6.400.000.027

ACCESSORIES:



TRANSPORT BAG
Type 180:
Art. no. 6.400.000.004
Type 250:
Art. no. 6.400.000.006
Type 300:
Art. no. 6.400.000.008



WATER BAG
PVC water bag for the mobile fixation of tents.
Length 2000 mm:
Art. no. 6.400.000.011



CONNECTION PIECE
To connect 2 tents.
Type 180 TE:
Art. no. 6.400.000.015
Type 250 TE:
Art. no. 6.400.000.016



TENSIONING STRAP
Length 2.5 m, with 2 hooks and adjustable length.
Art. no. 7.210.000.036



FLAT-HEAD TENT PEG
Suitable for the magnetic holder.
Length 200 mm:
Art. no. 6.400.000.014
Length 400 mm:
Art. no. 6.400.000.018



MAGNETIC HOLDER
For the safe attachment on metal surfaces.
Suitable for use with flat-head tent pegs.
Art. no. 7.200.000.020



HANDLE FOR EASILY REMOVING THE MAGNET
Unscrew the eyelet from the magnet, screw on the handle, remove the magnet. That's it.
Art. no. 6.400.000.075



LEATHER BELT WITH MAGNETIC HOLDER
So you always have the magnets at hand and keep your hands free.
Art. no. 7.400.000.086



SUCTION CUP HOLDER
For hooking tensioning straps onto smooth glass, plastic or metal surfaces.
Art. no. 6.400.000.080



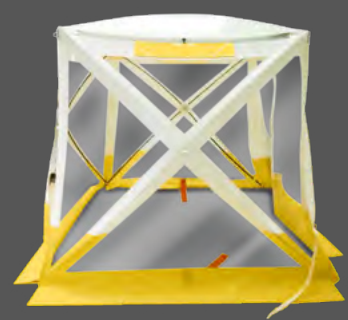
PVC STORAGE BAG
For storing flat-head tent pegs, tensioning straps, suction cups etc.
Art. no. 6.400.000.013



TELESCOPIC ROD
With T-piece on rubber feet.
Art. no. 6.400.000.038

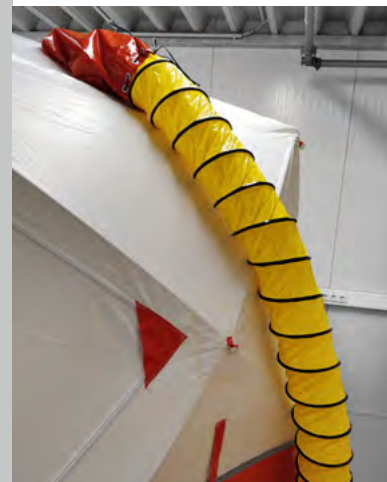
FEEL FREE TO CONTACT US, WE WILL SOLVE YOUR PROBLEM!

In addition to our standard range of products we can also provide a variety of further solutions.



CLEAR VIEW OUTSIDE:

If requested, the tent walls can also be made entirely of transparent foil. This enables a 360 degree view while working inside the tent.



CLEANROOM TENT / DUST COLLECTION TENT:

Ideal for fresh air supply or for dusty work. The workplace is completely enclosed by the tent. With an air hose, the dust particles are sucked off directly to an air cleaner. The tent is quickly erected and there is no need to install a dust wall. Especially in rooms with high ceilings and large halls, the dust collection tent is a practical solution.

You have questions?

Your Trotec tent expert:

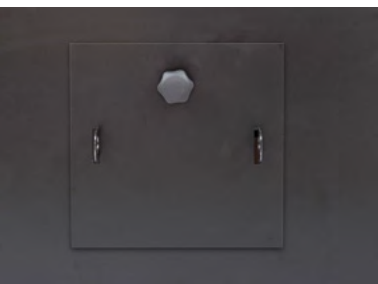
Marc Pluijmaekers
Tel.: +49 2452 962-481
tent@trotec.com



HEATBOX - THE HEATING REVOLUTION FOR ACCOMMODATION FACILITIES IN TENTS AND HALLS.



Integrated air circulation control
for an infinitely variable fresh air
supply



The maintenance flap is located at
the height of the electric heater's
operating elements and can be
protected against manipulations of
the set heating capacity by means
of locks.

Using electric heaters is a simple, clean, flexible and quiet way to heat interior spaces.

With the revolutionary Heatbox you can
benefit from all the advantages of electrical
heating combined with an as yet unrivalled
energy-saving potential.

The Heatbox comes equipped with supply
and exhaust air hose connectors for an
adjustable mixed recirculation operation.
Thanks to the integrated air circulation control
you can variably and steplessly determine the
amount of fresh air depending on the
application requirements - ranging from a
higher percentage of fresh air in occupied
tents to as much as 100 % of recirculation in
case of storage tents.

Instead of having to continuously heat cold
fresh air from outside to the required degree
of heat, which requires an excessive energy
input and entails high costs, warm
regeneration air can be added to some extent
so as to reduce the energy demand by up to
70 % by making use of the body temperature
radiating off the persons inside the tent.

A few practical benefits:

- Especially developed for tent heating
with electric heaters from Trotec
- Weatherproof construction
- Permits energy savings of up to 70 %
- Variable regulation of the ratio between
circulating air and fresh air in the heating air
- Creates a considerably more agreeable indoor
climate
- Additional soundproofing function



The Heatbox is especially designed to be used with the
electric heating devices TEH 70, TEH 100 and TDE 95.



FUNCTIONAL PRINCIPLE AND SAVINGS POTENTIAL.

The illustrations visualize the variation possibilities of the Heatbox by use of which the mixing ratio of warm regeneration air and cold outside air can be steplessly adjusted via the air circulation control depending on the respective need for fresh air.

The application example **A** corresponds to a "conventional" heating scenario, e.g. using an oil heater. The mixing controller is set to 0 % of recirculation air, which means that only outdoor air, having a temperature of 0 °C, is used for heating.

Since at its maximum heating level the used electric heating device is able to heat the air by 38 °C, in this scenario air of 38 °C is generated and supplied to the tent which is then heated to approx. 20 °C.

In application example **B** we reverse this scenario. The mixing controller is now set to 100 % of recirculation air, i.e. only regeneration air is used for heating. Since hot air is now continuously generated by means of already preheated regeneration air, the usable heating capacity in this application example is considerably higher. After a brief heat-up phase at the maximum heating level, the device performance may be reduced by one to two levels once the target temperature has been reached.

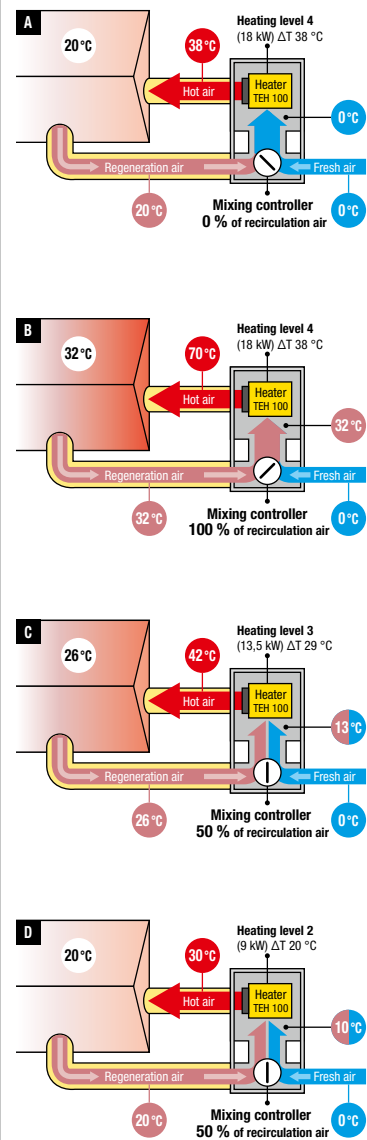
The application examples **C** and **D** illustrate a 50 % mixed operation with outside and regeneration air at different heating levels and the according effects on the temperature inside the

tent. Despite the device being switched down to heating level 3 the use of 50 % of heated regeneration air permits the tent in application scenario **C** to be heated more than in example **A** using only fresh air – this corresponds to energy savings of 33 %.

And with a heating capacity reduced by two heating levels and thus 9 kW the 50 % mixed operation (example **D**) still achieves nearly the same heating result as in example **A** at the highest heating level using 100 % of fresh air – this corresponds to energy savings of 66 %.

Another decisive advantage of the Heatbox: Unlike oil heaters (applied as standard) which repeatedly switch on and off to achieve the target temperature, the Heatbox can maintain the target temperature on a permanent basis by adjusting the supply of fresh air and energy precisely. This results in a more consistent room climate with a constant oxygen concentration and a consequently more agreeable overall climate with a simultaneously decreased noise nuisance inside the tent.

Conclusion: For every application scenario – inhabited or uninhabited tents and halls – the mixing ratio of warm regeneration and fresh outside air can be determined steplessly depending on your needs. Thus it is possible to create a conceivably improved indoor climate. Please note: the more warm regeneration air is used, the higher will be the energy savings, since you can set an accordingly lower heating capacity.



Heatbox	Purchase version	Hiring model
Art. no.	6.100.007.050	6.100.001.446
Model	sheet steel, with protective paint	
Cable holder	integrated	
Connector (Ø)	3 x 315 mm	
Length x width x height	1,150 x 687 x 610 mm	1,200 x 800 x 765 mm
Weight	39 kg	61 kg (incl. pallet)

The Heatbox is also available as hiring model which will be delivered ready for use as electric heater. The scope of delivery includes a pallet, an extension cable (400 V, 32 A, H07RN-F-5G6) and two air transport hoses (Ø 305 mm).

RECIRCULATION SET FOR FRESH AIR SUPPLY.

Particularly convenient for the indoor use of electric heaters

Inhabited accommodations must be regularly supplied with fresh air. When heating with electric heaters positioned indoors, "conventional" ventilation via doors and windows would entail unpleasant concomitant phenomena such as draught, invasion of privacy and humidity problems.

With the recirculation set available for rent or purchase fresh air can be supplied in a controlled manner without these negative side effects.

The installation is conceivably easy: The two-piece set consists of a T-distributor and an adapter, which can be screwed to the rear panel of the heating device. One suction nozzle of the T-distributor is fitted with an air hose, which is led to the outside of the tent.

Via the second nozzle, regeneration air from the room is sucked in. Thanks to an integrated controller, the mixing ratio can be infinitely adjusted.



TWO-PIECE RECIRCULATION SET

for TEH 70 and TEH 100,
article no. 6.100.007.055.
Also available as rental version
(article no. 6.100.001.447).



The weatherproof Drybox is perfectly adapted to the requirements of the desiccant dehumidifiers TTR 400 D and TTR 500 D.



The Drybox comes equipped with suitable openings for hose connection as well as with a service flap for the device configuration. The hiring model is delivered on a pallet.

DRYBOX WEATHERPROOF DEHUMIDIFICATION.

Weatherproof outdoor installation of desiccant dehumidifiers for drying indoor air through circulation.

To avoid the formation of condensate and consequential problems, the air in accommodations and storage facilities needs to be permanently dehumidified to a level below dew point. Powerful desiccant dehumidifiers such as Trotec's high-quality devices TTR 400 D or TTR 500 D with separate internal air flow ducts are the ideal solution for these requirements.

In many cases an indoor installation of the devices is not permitted, undesirable due to the noise, or impossible to realize for other reasons. In such cases, the Drybox, which was specially developed for the TTR 400 D and TTR 500 D, allows for the weatherproof outdoor installation of the dehumidifiers.

Via an air transport hose, the humid indoor air is sucked in, reliably dehumidified to below the interior dew point and then transported back into the room as dry air via a second connected hose in the recirculation air cycle.

A few practical benefits:

- Especially developed for Trotec dehumidifiers
- Weatherproof outdoor installation
- Avoiding the formation of condensate inside the tent
- Separate internal air flow ducts



Drybox	Purchase version	Hiring model
Art. no.	6.100.010.350	6.100.001.880
Model	sheet steel, with protective paint	
Length x width x height	600 x 590 x 490 mm	600 x 590 x 620 mm (incl. pallet)
Weight	10 kg	16 kg (incl. pallet)
Accessories	air hose TF-L 127 mm / 6 m (art. no. 6.100.001.120)	





Its robust construction, the many practice-oriented handling characteristics and flexible application, transport and storage possibilities render the tent heater IDS 30 F the ideal solution for emergency and rescue services or municipal support organizations.



No more dripping and spilling:
The integrated retaining nozzle for the optional connection of a jerrycan is a neat and tidy solution for transport and refuelling.

IDS 30 F MOBILE TENT HEATER.

The indirect oil heater fan IDS 30 F was specifically developed for the mobile application as tent heater.

This easily portable device, stackable for both storage and transport, comes equipped with a robust frame with shock protection and carry handles.

We deliberately decided against integrating a tank in the IDS 30 F so that users can benefit from not only the lesser weight but also from time-saving loading since it is not necessary to drain the tank completely of residues. The absent tank also means that no additional transport or insurance documents are required for transport and storage. The fuel supply of the oil heater fan IDS 30 F can be effected either via a large external tank or jerrycan – appropriate accessories for both types of application are available.

A few practical benefits:

- 100 % clean heat
- High level of efficiency
- Stainless steel combustion chamber
- Electronic flame trap
- Overheating thermostat
- Double-walled housing for optimum soundproofing and insulation
- No integrated tank
- Stackable frame with shock protection, skids and 4 carry handles
- Mounted hose connector
- Flue pipe and rain cap included in the scope of delivery

Mobile tent heater IDS 30 F	
Art. no.	1.430.000.128
Method of heating	indirect
Air flow rate	1,150 m³/h
Fan	axial fan
Max. nominal heat input	34.1 kW
Nominal heat output	28.8 kW (24,764 kcal)
Temperature increase ΔT	70 °C
Connection	230 V / 50 Hz
Current consumption	1.56 A
Max. oil consumption	3.25 l/h
Air transport hose connection Ø	300 mm
Flue pipe connection Ø	150 mm
Thermostat connection	standard
Sound level (distance 1 m)	75.3 dB (A)
Length x width x height	1,260 x 475 x 770 mm
Weight	56 kg

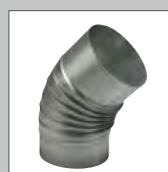
ACCESSORIES:



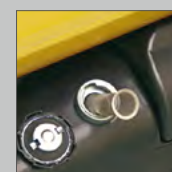
THERMOSTAT WITH 10 M CABLE
Art. no. 6.100.007.016



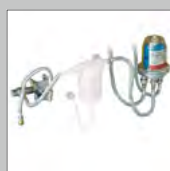
ADAPTER SET TANK KIT – OIL HOSE
Art. no. 7.210.000.003
TANK LINE WITH QUICK COUPLINGS*
Length 5 m
Art. no. 6.100.006.037



90° ARC CONNECTION FOR FLUE PIPE
Ø 150 mm
Art. no. 6.100.006.216



FILLER NECK OIL FILTER
Prevents the penetration of coarse dirt.
Art. no. 6.100.006.161



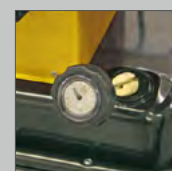
CONNECTION KIT FOR EXTERNAL OIL TANK
Connects an external oil tank to the oil heater.
Art. no. 6.100.006.185



CONNECTION SET FOR EXTERNAL JERRYCAN
Art. no. 6.100.006.184



AIR HOSE TRONECT SP-C
Ø 305 mm, length 7.6 m
Art. no. 6.100.001.265



TANK FILLING LEVEL INDICATION
Indicates the tank's current filling level.
Art. no. 6.100.006.160

* used in combination with adapter set tank kit – oil hose (required accessories)



TRACK CONSTRUCTION WORK TENTS WITH RAIL FIXATION.

Unparalleled in the industry.

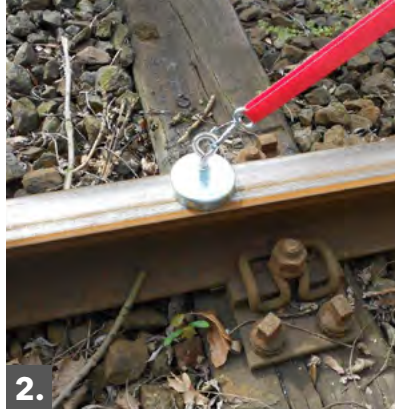
Track construction work tents are based on our tried and tested assembly work tent of type "KE" and were further developed specifically for the requirements of the railway industry. Unparalleled in the industry so far is the innovative magnetic fixing solution directly on the track. It has been tested by the Belgian railway company (SNCB/NMBS) with trains passing on the siding. You can watch it on [youtube.com](https://www.youtube.com) by entering the search term "Gleisbauzelte" (track construction work tents).

A few practical benefits:

- Designed for welding work in the track construction
- Flame-retardant special equipment
- Secure magnetic attachment directly on the track
- One-man assembly and disassembly in a matter of seconds
- Perfect protection from rain, wind and cold due to welded processing
- Suitable for high-pressure cleaning
- Self-supporting construction with fibre glass rods
- Lightfast material
- Optionally available as storm tent

Watch the video to convince yourself of the stability of a track construction work tent:





1.

2.

3.

1. One is enough

As quick-to-pitch tents our track construction work tents can be erected by just one person in a matter of seconds.

2. Innovative

The rail fixation is quickly done, secure and simple as well.

3. Stable

Optionally, the KE-R tents can be converted into stable storm tents.

4. Temperature-independent

Comfortable working owing to warm air supply by means of oil and electric heating units.

5. Well ventilated

Rear view with flame-retardant side windows and vents.

6. Flame-retardant

Reliable protection during welding work.

7. Protected

Safety thanks to focussing on the essentials – always sheltered from wind and weather when working.

Our KE-R track construction work tents are available in several formats with a floor area from 3.24 m² to 9 m². Feel free to contact us!



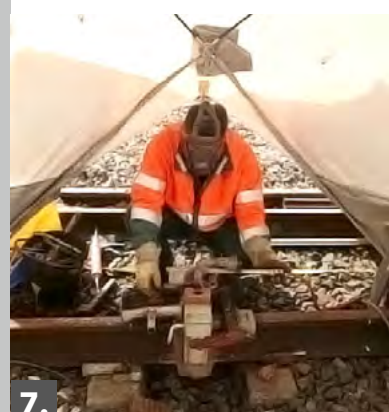
4.



5.



6.



7.

Heat-resistant material protects during welding work.

In order to afford protection during welding at railway tracks, a track construction tent needs to be heat-resistant and preferably fire-proof because of the flame of the burner. Therefore, all Trotec track construction tents come equipped with a tent roof that is flame-retardant to the point of 500 °C.

One-man erection via magnetic attachment.

The innovative fastening enables one-man assembly and tent fixation in a matter of seconds. Simple and functional. The magnetic fixation is placed on the rail and secures the track construction tent by use of tensioning straps. A substantial advantage as compared to conventional fastening methods using rods underneath the track and similar complex solutions! After being fixed to the rail, every KE-R tent can be erected as typical quick-to-pitch tent in next to no time.

Impressive features:

- Standard colours: white-yellow, special colours or individual corporate design possible
- Incl. tensioning straps and magnetic fixation
- Heat-resistant side walls and flame-retardant material (up to 500 °C)
- 3 concealed rain-proof zip fasteners up front
- Door and rear wall can be folded up completely or in part
- 6 ventilation openings with rain protection
- 4 carrying handles for repositioning
- Reflective strips
- 2 lockable air vents with grid and rain shelter cloth
- Incl. transport bag



TROTEC VARIOSCREEN: MOBILE VISUAL PROTECTION FOR RESCUE TEAMS AND EMERGENCY PERSONNEL.

We have something against rubberneckerers!

Whether you're working with the fire brigade, police, rescue services or a technical relief organisation - when you're on an emergency deployment, often every second counts. Unfortunately it is more and more often the case that emergency personnel on site are kept from doing their work or obstructed in carrying out their duties by shameless rubberneckerers. Curious onlookers cause considerable damage by obstructing rescue operations and their progress. Using the expressly erected screen fence VarioScreen from Trotec, you can protect the victims against unnecessary exposure and simultaneously ensure that your team is shielded and can focus on their work.

For use on motorways, in open terrain or within buildings

One person suffices to set up the modular screen fence within seconds and in only a few steps. By means of extra-strong zipper connections, the screen fence with its height of 1.8 m can be extended from 7 m to any length. And just as quickly as the screen fence has been set up it is dismantled again and stowed away in the transport bag without taking up much space.



CONVINCING IN THE FIELD:

- Stably set up by one person in only a few seconds
- Quickly ready for use with suitable accessories in every place and in every weather
- Space-savingly and easily stored away in a compact carry bag
- Can be brought along in any emergency vehicle
- Easiest handling, no training required
- Can be extended to any length
- Easy cleaning
- Wide range of available models, a variety of colours, individually configurable



Watch the video to convince yourself of the advantages of the screen fence VarioScreen:





IDEAL FOR FIRE BRIGADE, POLICE, PARAMEDICS AND TECHNICAL RELIEF ORGANISATIONS.

The 100 %-opaque rubbernecker protection closes off your team from disturbances when you are facing demanding, time-critical emergency operations and therefore helps to focus the minds of helpers and rescuers.

For police operations, for example, the mobile visual protection is recommendable for the targeted shielding of crime scenes from rubberneckerers, neighbours or journalists. Paramedics and rescue services can protect victims of accidents from prying eyes and especially from being photographed by people with mobile phones. And it can also be a support for operations by technical relief organisations, if the work can be performed away from prying eyes and in peace.



Visual protection within seconds

One person only needs a few steps to erect the VarioScreen screen fence. Disassembly is also uncomplicated and quickly done.



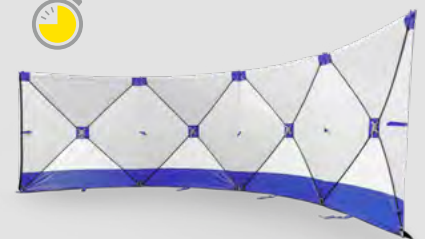
1. Unpack. _____



2. One person is enough. _____



3. Erect. _____



4. That's it! _____



SCREEN FENCE VARIOSCREEN

WELL THOUGHT-OUT AND PERFECTED TO THE LAST DETAIL.



Highest manufacturing quality

Field-tested: the especially robust material quality of the screen fence VarioScreen designed by Trotec meets the highest standards for professional use.

All details have already proven their worth on many occasions in practice and are well thought out.

Both the opaque white PVC fabric and the coloured PVC tarpaulin convince with their high wear resistance and strength.

The particularly light fibreglass frame, together with the flexible aluminium ball joint discs and the metal feet provide for stability, optimal handling and a quick set-up.



Two reflective strips

Rescuer's safety first: to ensure that the site of operation is not only shielded but also well visible in the dark, two silver-grey reflective strips are provided at the top and at the bottom on the external screen.

This makes it possible, for example for vehicle drivers, to see with their vehicle's headlights from a far distance that a hazard area has been cordoned off.

The glistering reflective straps are firmly sewn to the sheet.



Practical foot strip

Minor detail with major effect: the foot strip, which is firmly sewn to the bottom edge, allows for easy and quick set-up of the accident screen fence.

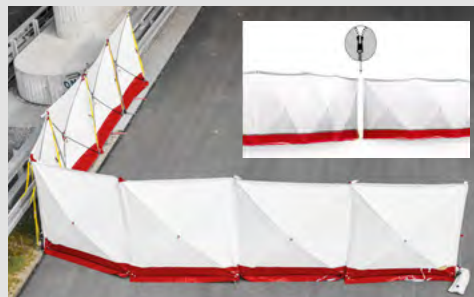
The screen element can be securely fixed to the ground with the foot and by pressing in the flexible aluminium ball joint disc, the crossed fibreglass rods open up easily and quickly on their own. In this way, the four screen elements can be set up in no time to become a self-supporting screen fence.



Easy to fix to the crash barrier

Perfectly fixed in every situation: the screen fence VarioScreen from Trotec, which can be set up in no time and is self-supporting immediately, can be additionally fixed with further equipment, if required.

Whether you want to fix it to the crash barrier, to canisters, to pieces of equipment, vehicles or to sign poles and bridge railings - we offer you optional accessories such as telescopic rods with a T-foot, plate pegs, magnets, tension belts, water bags and suction cups, ensuring that you are optimally equipped for any wind situation, ambient condition and ground conditions. Further information with regard to the professional accessories can be found on the next two pages.



Optionally extendable

If a 7 metre screen does not suffice:

no problem, VarioScreen can be optionally extended! By means of zippers, further screens can be seamlessly connected easily with the respective end pieces. In this way, even larger areas are also protected from prying eyes in no time. To avoid that emergency personnel has to walk around the screen in a case of emergency, thanks to the zippers, they can also easily climb through the visual barrier.

Typically, a screen consisting of 4 elements is provided with a zipper on both screen ends. To provide more flexibility, additional models are available which can also be divided by a zipper in the centre section of the screen.



Stored away with minimum space requirements

Things must be kept in order: the screen fence with its light weight of 16 kg is stowed away compactly folded in the carry bag included in the scope of delivery. With a length of only 1.35 metres, the durable PVC bag can be stowed away perfectly in every emergency or ambulance vehicle. In this way, the screen fence VarioScreen from Trotec is always ready for use immediately.

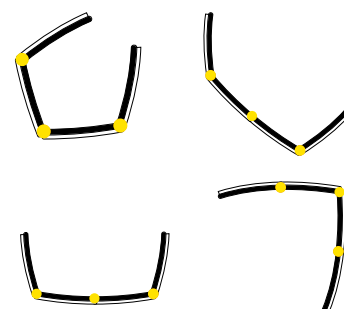
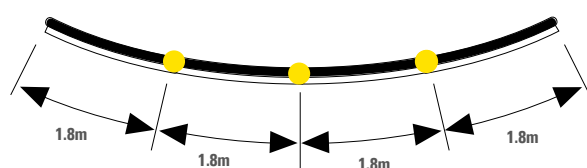
Owing to its large carrying straps, the bag can be carried by one person in full work gear, for example also over the shoulder.



"The screen fence VarioScreen is set up in less than 1 minute and neither requires emergency staff at the site of operation nor do they have to undergo time-consuming training beforehand. This has convinced us!"

Dirk Reinartz, fire brigade squad leader from the Langerwehe fire department

EXAMPLE SET-UPS AND DIMENSIONS



TECHNICAL DATA

Dimensions

Screen fence in set-up state:

Length: 7.2 m x height: 1.8 m

4 single elements with: Length: 1.8 m x height: 1.8 m

Material

The visual protection is designed of PVC fabric, the dirt-collecting edge is also made of PVC.

Both materials are durable, opaque, tear-resistant and flame-retarding in compliance with DIN 4102 B1.

2 reflective strips on the outside.

COLOUR COMBINATIONS

With the combinations red/white, blue/white, yellow/white and pure white, suitable colours for every type of emergency personnel are available as standard. Furthermore, naturally also individual colour variants and logo imprints can be ordered.

Rod assembly

Made of fibreglass with flexible aluminium ball joint discs - especially robust and lightweight.

Transport bag

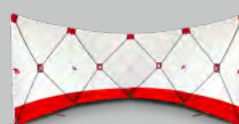
Dimensions:

Length: 1.35 m x width: 0.3 m x height: 0.3 m

Weight: 16 kg (incl. screen fence)

Material: PVC

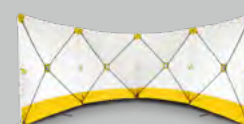
Properties: Robust, space-saving and easy-to-transport



red/white



blue/white



yellow/white



pure white



individual



Screen fence VarioScreen - with lateral extensions on the outer edges

Art. no.	Colour	Width	Height	Version
4.110.000.012	pure white	720 cm	180 cm	not divisible
4.110.000.010	yellow/white			
4.110.000.013	red/white			
4.110.000.014	blue/white			



Screen fence VarioScreen - DIVISIBLE IN THE CENTRE - - with lateral extensions on the outer edges

Art. no.	Colour	Width	Height	Version
4.110.000.015	pure white	720 cm	180 cm	divisible
4.110.000.016	yellow/white			
4.110.000.018	red/white			
4.110.000.017	blue/white			

Optional extras are not a problem

In order to respond to the special requirements posed by different security, emergency and rescue service organizations, Trotec offers you the possibility to also implement special requests and additional equipment for the screen fence VarioScreen.

Contact us, we'll find the suitable solution for you!

Marc Pluijmaekers

Your specialist for screen fences & tents

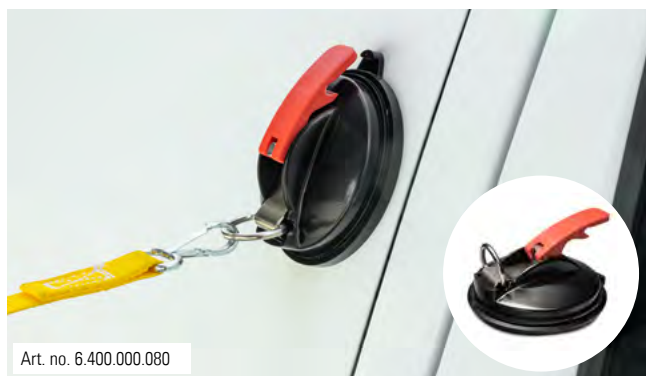
Phone +49 2452 962-481

zelte@trotec.de



OPTIONALLY AVAILABLE ACCESSORIES FOR VARIOSCREEN SCREEN FENCES.

Whether you like to attach accessories on crash barriers, equipment parts, on smooth surfaces or in between cobblestones – the original accessories for VarioScreen screen fences reliably serve for optimum stability in wind and weather conditions. You are even ideally prepared for various terrain and ground conditions. Tip: Just combine the various fastening solutions which will enable you to react appropriately to all kinds of situations.



Suction cup holder for smooth surfaces

For smooth glass, plastics or metal surfaces, for example on vehicles, the suction cup holder provides a reliable and comfortable mounting option. The large lever can also be handled well by a person wearing work gloves. One downward movement of the lever suffices to fix the suction cup by means of vacuum. Now a tensioning strap can be hooked into the stable metal eyelet. The suction cup holder can also be removed again quickly, easily and cleanly.



Magnetic attachment, e.g. for crash barriers

Just attach it and you're done! In emergency situations, a variety of metallic surfaces can be perfectly utilized as a means of attachment. Simply fix the magnet attachment with its integrated tensioning strap eyelet to crash barriers, vehicles, machines, generators or to steel doors, pillars, bridge railings. The strong magnetic force provides for secure support. The size of the magnet attachment also perfectly matches the Trotec plate peg. The leather belt with magnetic holders is particularly practical. It allows you to carry the magnets with you while having your hands free.

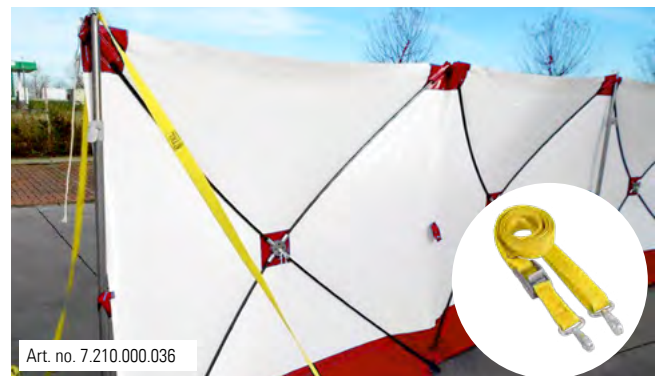




Telescopic rods with T-foot for high stability

The high-quality stainless steel telescopic rods can be steplessly adjusted in height up to 2.20 m.

Furthermore, the rod elements can also be fully disassembled. In this way, the rods can be easily and quickly inserted into the retaining straps of the screen fence. The T-feet with anti-slip hard rubber plugs allow for additional stabilization of the screen fence VarioScreen.



Tensioning straps for secure strapping

The 2.5 metre tensioning straps from Trotec are made of an extremely robust nylon-fabric.

Whether they are fastened on tent pegs, crash barriers, canisters, vehicle eyelets, trees or tops of telescopic rods - with the steplessly adjustable tensioning straps, the screen fence VarioScreen can be fixed quickly and easily in every situation.



Handle for easily removing the magnet

Simply unscrew the eyelet from the magnet, screw on the handle and use it to remove the magnet from the surface. Material: galvanised steel, 35 cm length



Storage bag for plate pegs

Universally usable for storing pegs and straps. Made of tear-resistant PVC-fabric: moisture and oil resistant resilient material, offers space for e.g. up to 8 pegs, each 40 cm.



Plate pegs for spaces between cobblestones or soil

The plate pegs of robust metal are available in lengths of 40 cm and 20 cm. Just drive the solid pegs into the soil, into grassland, grass verges or into the joints of laid cobblestones.

Whether they are used alone or together with the magnet attachment that accurately matches the plate head - the plate pegs are a perfect attachment point for tensioning straps.



Water bag for reliable weighting

With the 2-metre water bag of heavy-duty PVC, the T-feet of the telescopic rods can be weighted. This almost prevents toppling to 100 %.

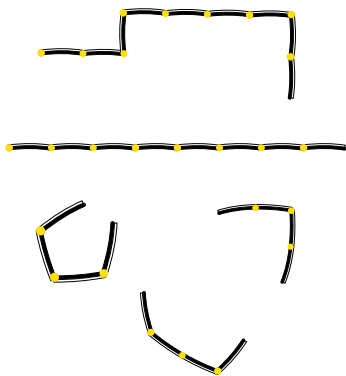
The water bag is filled quickly and then has a weight of up to 20 kg. After using, just drain the water from the bag again and fold the empty bag in a compact and space-saving fashion. The water bag also supports the tensioning straps securely and without any complication.



MOBILE WIND AND PRIVACY SHIELD FOR YOUR HOME AND BUSINESS.

VarioScreen - to keep your privacy private.

EXAMPLE SET-UPS:



The screen fence VarioScreen from Trotec can also be optimally used in the catering trade and at events - for example as a cordoning partition, or as an orientation system.

For events, on sports or open-air festivals, the quick-set-up screen serves as flexibly positionable protection against prying eyes or for controlling flows of visitors. The light-weight design and easy handling also makes Trotec VarioScreen the flexible solution for being able to quickly respond to spontaneous situations.

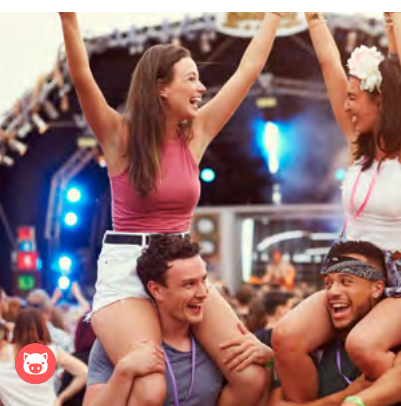
In addition to the standard screen fences, increasingly used by the fire brigade or in shopping centres, we have developed a new product which enhances the functions of screen fences.

Whether for use in the business or private sector - some things are best enjoyed in private without the prying eyes of onlookers. Be it a private concert in front of select audience, an exquisite buffet for paying guests or the undisturbed sunbath at the swimming pool at home - with the quickly erected screen fence VarioScreen you and your guests can enjoy yourselves while well shielded.

The VarioScreen consists of stable fibre glass rods and extremely durable polyester cloth. Light and compact when folded, the screen is erected in a matter of seconds and in a few steps. Thanks to the extra stable zip connections, the wind or privacy shield can be extended any number of times.

A few practical benefits:

- Large-sized privacy and wind shield, infinitely extendable
- Height of the screen fence 180 cm
- Manifold set-up arrangements
- Easy cleaning
- Compact to store
- Quick and fool-proof one-man assembly





WE PROMOTE YOUR BUSINESS WITH THE BEST QUALITY.

The VarioScreen is delivered neatly folded in robust carry bags. Now it only needs to be put up and tautened – conceivably easy since the stable fibre glass rods are intelligently integrated in the screen's side parts.

Robust, hard-wearing and durable – this holds true for all VarioScreen elements. The high-quality polyester cloth is extremely durable, processed with great care in all details and easy to clean. The likewise easy to clean fibre glass rods are maintenance-free.

Owing to its flexibility the VarioScreen can be used for a multitude of different set-up arrangements. The stability is further increased by the additional fastening to rods.

Furthermore, the screen fence can be fixed in place by use of the tent peg and rope set available as accessories. The VarioScreen can be disassembled and space-savily stowed away just as quickly as it is erected.



THE FIRST WIND AND PRIVACY SHIELD THAT CATERS TO THE NEEDS OF YOUR GUESTS.

In the catering trade, event sector or the hotel business we are facing different requirements to protect the privacy of guests and visitors. The VarioScreen meets those various needs by flexibly adapting the set-up arrangement to the respective requisites.

For instance, to separate a larger-scale concert or event area you can connect several elements of the VarioScreen by use of zips.

All in all, you are then equipped with infinitely extendable screen fences, which can be positioned in any set-up arrangement as best suits the occasion. Don't hesitate to contact us – we're happy to be of service.

ACCESSORIES:



TELESCOPIC ROD
With T-piece
on rubber feet.
Art. no. 6.400.000.038



TENSIONING STRAP
Length 2.5 m, with 2 hooks
and adjustable length.
Art. no. 7.210.000.036



FLAT-HEAD TENT PEG
Suitable for the
magnetic holder.
Length 200 mm:
Art. no. 6.400.000.014
Length 400 mm:
Art. no. 6.400.000.018



MAGNETIC HOLDER
For the safe attachment on
metal surfaces.
Suitable for use with
flat-head tent pegs.
Art. no. 7.200.000.020



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A strong partner at your side

The Trotec Group supplies enterprises in the industrial, commercial or craft sector with professional product solutions for climate conditioning. We provide the full range of machines and measuring devices as well as work tents and screen fences.

The industry expertise we have acquired over many years is deployed to set first-class standards in the field of tents and screen fences. Benefit from the experience gathered during the successful work for a great number of renowned customers.



TRT-ZEKAT-HS-011-EN

 **TROTEC**
AT WORK.