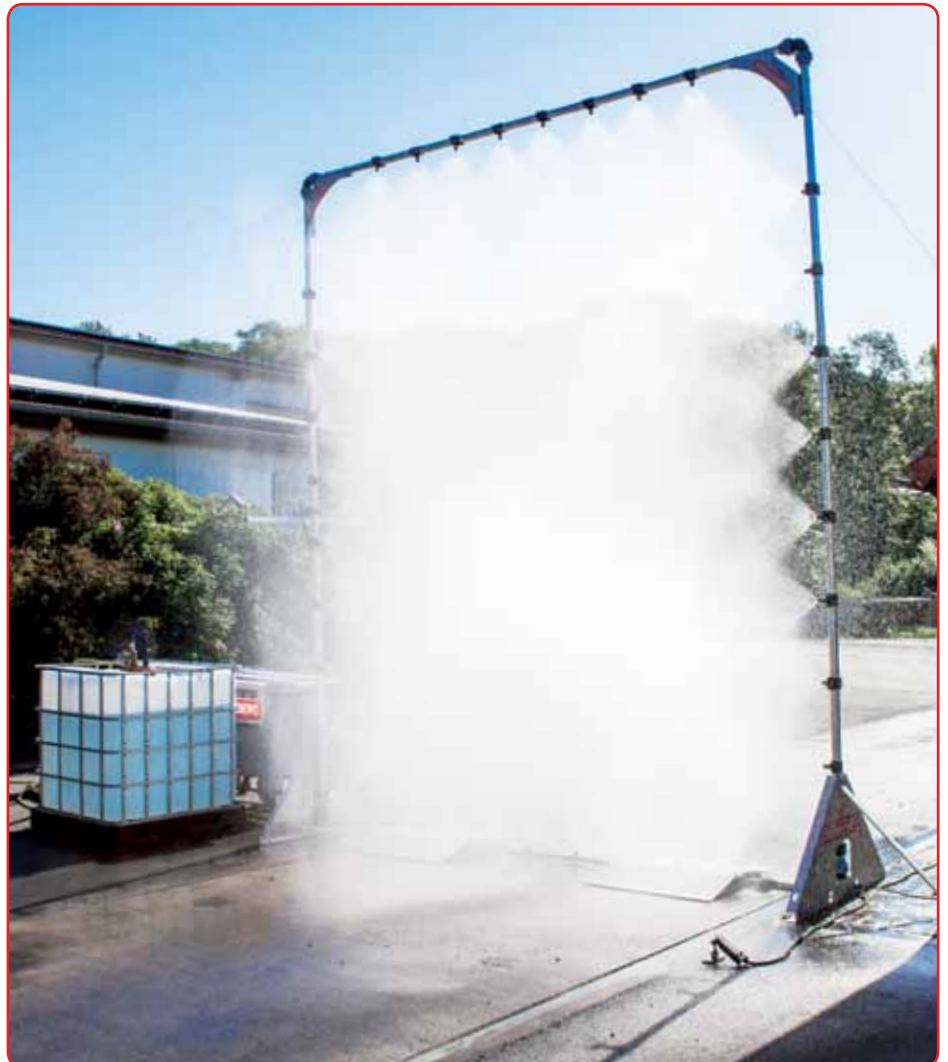


Ideas out of experience!

MEIER-BRAKENBERG

Disinfection Gate

mobile and stationary
preventive biosecurity measure
acute epidemic control



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DESTOR mobil500

Mobile Disinfection Gate



Quick Setup

- *Folding and connection system for simple assembly made of aluminium square tubes.*
- *Swivelling device for effortless erecting of the gate without using a forklift.*
- *Safe transport of all materials in a well thought-out storage system.*
- *Adjustment of the exact dosage at the injection dosing system; reliable mixing of the solution which is intermediately stored in the container.*

DESTORMobil500 can be quickly installed at the boundary of operations or restricted areas in acute cases of epidemics. Vehicles of all kinds are automatically decontaminated without the need for manpower. A high-efficiency sensor system detects incoming or outgoing vehicles and triggers the

disinfection pump. Nozzles that are not susceptible to wind and that are installed overlapping in the arch and floor ramp wet the vehicles over their entire surface with a high application rate. The solution is reliably mixed by a dosing pump.

In brief:

- The disinfection gate is a modular and lightweight construction system and can be assembled without tools by two people, ready for use within 20 minutes.
- High spread rate of 0.4 litres per square metre at a passage speed of 2.4 km/h applied to cars and trucks.
- Sensor control activates the pump fully automatically when entering or exiting.
- Drive-on floor ramp with recessed nozzles ensures good wheel, tyre and underbody disinfection.

Mobile Disinfection Gate

	DESTORMobil500
Spray arch	Aluminium profile construction, 100 mm, with barrel weighting and unfolding function, internal nozzle line with immediate stop nozzles, 3.11 m wide floor traverse with recessed nozzles, drive-through dimensions 4.02 x 4.58 m (w x h), outer dimensions 5.28 x 4.02 x 4.77 m (l x w x h)
Pump and control box	Stainless steel centrifugal pump 200 l/min, 230 V/50Hz, 1.85 kW, hoses and couplings, electronic injection dosing system with stepper motor pump: flow rate 10-2,500 l/h, dosing: 0.01 - 15 %, max. 30 l/h, batch and time dependent dosing function, documentation option, dimensions box: 0.80 x 1.35 x 1.05 m (l x w x h)
Solvent storage tank	1000 l plastic container with forklift attachment, floater control. Dimensions container: 1.00 x 1.20 x 1.50 m (l x w x h)

The decontamination of vehicles and equipment has become an essential part of safety in recent years.



DESTOR ST500
DESTOR ST200
DESTOR ST100

Stationary Disinfection Gates



DESTOR ST500

The solid aluminium profile frame with internal nozzle line and the floor ramp is permanently screwed onto the floor pan.

Decontamination of all vehicles works fully automatically via sensor detection. A dosing pump reliably mixes the disinfectant solution which is in a storage tank. (Construction and equipment same as for DESTORMobil500)

Stationary drive-through locks are located at the operation's boundary on a steel pan or concrete floor with collecting device. Once installed, they permanently protect your own operation. They prevent the spread of epidemics and pathogens at logistical hotspots.

The spray arch consists of a solid tubular frame with integrated nozzles that are not susceptible to wind. The pump ensures a constantly high pressure and a high disinfectant solution application rate of 0.4 l/m² at a passage speed of 2.4 km/h. The door is stabilised with corner and foot brackets on both sides.



DESTOR ST200

Disinfection is carried out automatically. The high-efficiency sensors on the spray arch detect incoming and outgoing vehicles and trigger the disinfection pump.



Nozzles in the floor ramp ensure powerful underbody, tyre and wheel housing cleaning as well as complete decontamination.



DESTOR ST100

The disinfection pump can be switched on and off by remote control. All sides of the vehicle are completely decontaminated.



Ideas out of experience!

MEIER-BRAKENBERG

Accessories Disinfection Gates



Programmable high-efficiency sensor circuit: For passing through the disinfection lock from one or both sides.



Solution tank MBDEST013: Container for disinfectant solution, 1,000 litre plastic container with float switch, connection and ventilation set as well as suction hose.

Dosing technology MBDEST030: Automatic filling system for the solvent container. Exact dosing of liquids. Water consumption measurement and data storage on SD card. Integrated in pump and control box.

Dimensions: 1,380 x 800 x 1,050 mm



Floor ramps are absolutely necessary for the complete decontamination of the vehicles from below and at the wheels. The nozzles on the ground line are designed for intensive underbody wetting. You can choose between an aluminium drive-over twin ramp or a one-piece extremely robust steel ramp.

Collecting pan MBW2000: Two-piece steel collecting pan, primed and painted.

Dimensions 4,300 x 3,700 x 70 mm

Collecting pan MBW1000 Longlife: Mobile disinfection and collecting pan made of tear-resistant coated polyester fabric, lateral up-turns, entry and exit side with flexible foam core.

Dimensions: 3,600 x 20,000 mm



Stationary Disinfection Gates

	DESTORST 500	DESTORST 200	DESTORST 100
Spray arch 100 mm aluminium square tube frame, 50 mm aluminum tube frame, inner dimensions 3.74 x 4.6 (w x h)	yes	yes	yes
Floor ramp a) MBDEST031: double aluminium floor ramp, twice 800 x 750 x 88 mm (l x w x h) b) MBDEST032: one-piece steel ramp, 3,500 x 760 x 70 mm (l x w x h)	yes	alternative option	alternative option
Pump and control box with 1. Multistage stainless steel centrifugal pump 200 l/min, 230 V/50Hz, 1,85 kW, 2. High-efficiency sensor detection for vehicle traffic from one or both sides 3. Automatic filling and dosing system MBDEST030 electronic injection dosing with stepper motor pump, setting range 0.01-15 %, flow rate 10-2,500 l/h, data storage on SD card	yes yes yes	yes yes optional	yes no optional
Solvent storage tank MBDEST013 1000 l plastic container, fork lift attachment, floater control, dimensions 1,000 x 1,200 x 1,500 mm (l x w x h)	yes	optional	optional

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