

Dräger Fire and Rescue Train Refuge Chamber

The Dräger Fire and Rescue Train has a very diverse range of applications. Whether fire prevention, rescue or fire-fighting – the Rescue Train ensures you always have the right resources at your disposal. Its large operating range and enormous transport capacity make the train a highly effective rescue system.



Benefits

Take advantage of tactical benefits

When faced with operations on railway bridges, mountains or in tunnels, the limitations of conventional rescue vehicles are soon exposed. This is where the concept of the Rescue Train comes into play. The Rescue Train's fire, crew and equipment wagons transport your rescue personnel and their equipment straight to the scene of the incident. At the same time as the rescue personnel are battling with the dangers, passengers and the crew can be evacuated into the protected rescue wagon. This can then be used again by the rescue services.

Reduce risks simply

All the wagons are gas-tight and have an independent breathing air supply that maintains positive pressure. This allows rescue services and rescued persons to stay in the wagon safely for hours without protective masks. Furthermore, it is also possible to stabilise and provide initial medical care at the scene for those with serious injuries. Positive pressure technology, personnel airlocks with smoke extraction, and multi-level smoke retention systems significantly reduce the risk of smoke infiltrating as people enter the wagons. The large capacity of the air reservoirs can also be used to fill breathing apparatus.

Assess the situation safely

The latest detection, communication and monitoring technology means any type of wagon can be used as a control room. A thermal imaging camera provides clear visibility, even in an extremely smoky environment. Gas and temperature sensors inside and outside warn of potential risks in good time. The most important data is shown on the integrated monitors, thus making it easier to coordinate the mission. This makes the Rescue Train the ideal instrument for fires in tunnels and incidents involving hazardous material.

A tailor-made rescue system

All wagons are set up according individual specifications: size, equipment and technology are adapted to meet your requirements. Thanks to a modular vehicle concept, the Rescue Train can be adapted to suit each mission with minimal effort.

Technical Data

DRÄGER FIRE AND RESCUE TRAIN

Design	Gas-tight containers on railcars
Number of persons	approx. 60 -120 per wagon, depending on customer requirements
Duration of stay	6 - 8 hours, or more, depending on customer requirements
Positive pressure	300 - 500 Pa
Interior equipment	Stretcher storage racks, seats, storage location for material and operating resources, emergency power supply, treatment area, waiting room, rescue equipment, space for passengers involved in the incident, and other facilities, depending on the customer requirements
Insulation	Air-independent breathing air supply through gas-tight containers, positive pressurized, cleaning air system or breathing air regeneration, air circulation system
Contamination protection	Interior positive pressure, multi-level smoke retention system, air curtain system, access airlocks
Regeneration system	Oxygen system, CO ₂ adsorption
Access airlocks	Automatic two-way door blocking, rinsing of airlocks

Notes

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

Manufacturer:

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany

REGION EUROPE CENTRAL AND EUROPE NORTH

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE SOUTH

Dräger Safety France SAS
25, rue Georges Besse
92182 Antony Cedex
Tel +33 1 46 11 56 00
Fax +33 1 40 96 97 20
europe.south@draeger.com

REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Safety Asia Pte Ltd
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Panama S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377 9100
Fax +507 377 9130
contactcsa@draeger.com

Locate your Regional
Sales Representative at:
www.draeger.com/contact

