Unstoppable
Dräger PSS® AirBoss

Dräger

Technology for Life

D-3074-2024

We support your team

Firefighting is teamwork. We at Dräger feel part of your team. Our contribution to the team is the equipment that protects you during your mission. Only when you trust your PPE and feel in tune with it, can you perform at your very best.

So, we're proud to support you with groundbreaking solutions such as our exceptionally lightweight Dräger PSS® AirBoss with NANO Cylinder and accountability software Dräger FireGround.

D-38459-2021

Nothing can hold you back – Dräger PSS® AirBoss

Superior ergonomics
Move freely as if there was nothing on your back: With three-step height adjustment, a pivoting and sliding waist belt, you'll move with ease in difficult circumstances.

Exceptionally lightweight
One of the lightest firefighting SCBAs on the market due to engineered lightweight materials. Smart design choices make it feel even lighter than it already is.

Future-proof connectivity
Connected solutions increase your safety and efficiency: You know your situation. And your team members and leaders know it as well – so they have your back.

Our best ever SCBA

The Dräger PSS® AirBoss is future-proofed as you can always upgrade from Active to Agile to Connect.

- High visibility surfaces
- Lightweight design
- Improved fit and comfort
- Machine cleanability
- Pivoting waist belt
- Height adjustable backplate
- Sliding and swivelling waist belt

The upgrade for your current gear

If you've got a PSS 3000, PSS 4000, PSS 5000 or PSS 7000, you can upgrade to any version of the PSS AirBoss. Even better: Your current Dräger Type 3 or Type 4 cylinder is compatible with all PSS® AirBoss versions – as are your FPS 7000, FPS-COM 5000/7000, Panorama Nova or LDVs.

D-35915-2021

D-36210-2021

D-7281-2021

D-5685-2021

Build your own SCBA with the choice of three monitoring systems

PSS® AirBoss Active
Mechanical gauge:
Lowest weight

PSS® AirBoss Agile
Electronic gauge with integrated PASS device:
Low pressure warning, motion alert, thermal alert, manual distress alert, LED buddy and status lights, electronic sounders

PSS® AirBoss Connect
Digital gauge with telemetry PASS:
Time-To-Whistle calculation, 360° LED buddy and status lights, automated accountability via telemetry, evacuation alerts, **compatible with Dräger FireGround**

D-20040-2020

D-38364-2021

Our strength

Usability

Ergonomic, adjustable and easy to handle – that's what we want our products to be. The lightweight Dräger PSS® AirBoss is no different: With its balanced weight distribution, it causes less physical stress and fatigue so you're always ready for the next call.

Connectivity

Be aware of the danger: By collecting, connecting and processing all information from an incident site, you and your team leader always know the danger you're facing. With all its connective features, this breathing apparatus enhances your situational awareness and safety.

... are your advantage

Safety+
The new PSS® AirBoss helps you to focus on your tasks instead of concentrating on the SCBA. Our new SCBA makes it as easy and efficient as possible to keep you safe while operating in hazardous environments. That is what we call Safety+.

Serviceability
Ensuring your readiness. In addition to short turnaround times, the PSS® AirBoss was designed with the well-being of firefighters and workshop technicians in mind.

We take the weight off your shoulder

Our cylinders feature non-limited life design (NLL). This means, by design they can be used indefinitely when proper maintenance and periodic inspections are fulfilled. It is an investment that not only gives you peace of mind during an incident, but also reduces your cost of ownership in the long run. They also offer a very low weight – which allows for a longer duration of air consumption. You can increase air supply even further by using a twinning option.

New: Dräger Nano Cylinder (NLL), Type 4
Designed with PET liner and carbon nanotube technology: Currently one of the lightest gas cylinders in the market with a shell weight of 2.8 kg. This means 47 % less weight compared to conventional steel type 1 cylinders.

Dräger Carbon Composite Cylinder, Type 3
A seamless aluminium liner, wrapped with carbon fibres: easy to clean and extremely resistant to shocks, chemicals and abrasion. It has 33 % less weight compared to conventional steel type 1 cylinders.

D-267-2023

D-38362-2021

D-38366-2021

D-38367-2021

Single Cylinder configuration

We provide the right cylinder for every application: from 6 to 9 litre in volume, with 15, 20, 30 years or non-limited life design, in 200 or 300 bar, available in four sizes. And a range of valve configurations including excess flow valve or twin-pack options

Two-Cylinder configuration

With their low profile, our dedicated twin-pack cylinder systems are suited for wearing in confined space situations and extended duration operations (EDBA). A twin cylinder package with a convenient carrying handle can be carried as a single unit.

Quick-Connect

Change cylinders quickly without the need for (un)screwing the handwheel manually. The Dräger Quick Connect cylinder valve connection saves you time – and ensures a safe connection between the cylinder and breathing apparatus.

And help you to keep control

Dräger FireGround

When connected with our Dräger PSS AirBoss Connect, our automated accountability system tackles the need for a rapid deployment and allows remote monitoring with incident reporting.

D-5454-2022

Overview at all times

The incident commander needs live information from all SCBA wearers at all entry points. The Dräger FireGround Accountability System, which consists of an App and Web application, accomplishes this in a rapidly deployable mode, minimises the need for voice communication via radio and allows remote monitoring with incident reporting. The App features:

Independent real-time data transmission
Vital information in real time gives you more time to make tactical decisions. Dräger FireGround is independent from available network and power infrastructure. The system allows you to stay in contact in a range of up to 1.5 km offering you more flexibility.

Automatic activation and log-on
For safe and rapid deployment: The Dräger PSS® AirBoss Connect activates the radio transmission automatically upon opening the cylinder valve. All relevant vital data and alarms from the active breathing apparatus can now be easily viewed on your smart device.

Non-verbal communication, less radio traffic
Simplify the data exchange by reducing the need for verbal status updates. Communication alerts, e.g. a universal evacuation message, are received on the Electronic Control Unit with an audio alert. You see exactly who acknowledged the alarm so you can contact the latter specifically using the land mobile radio.

Rapid team deployment
The Dräger FireGround App seamlessly integrates into standard operating procedures. It displays all active SCBAs with a customised equipment ID or by the name of its wearer. Any SCBA or firefighter can then be added to a team using a “drag and drop” option. Pre-defined teams can be created and automatically added – for example engine 26, attack 1.

Data available – at all times – wherever you are

D-3712-2022

While the FireGround App is used at entry control point, the optional Dräger FireGround Web allows you to monitor multiple entry control points and various incidents remotely or on scene. In addition, all data can be reviewed and analysed during or after an incident.

Remote Monitoring
FireGround Web enables command staff and management, to utilise the data created on scene wherever they are. They can remotely monitor multiple entry control points as well as various incidents and get the full incident overview, thus increasing safety in large-scale and complex scenarios.

Easy to set-up and use
To access Dräger FireGround Web, you will only need a device and an internet browser. Dräger's registration and configuration process based on a QR code makes registering in FireGround Web particularly efficient and seamless. The automatic data upload creates no extra task for personnel on-site.

Incident reporting
As an additional benefit, you can easily access automatic reporting for multiple purposes from the user or device history to synchronised overviews of complete incidents. FireGround Web reduces the need for manual documentation after every incident dramatically, which is more time-efficient and less error prone.

Comprehensive analysis
FireGround Web offers multi-level incident analysis pages for every incident, including making notable events during the operation visible at first glance. With analysis of the incidents, firefighters can create long-term documentation and assessments. This means processes can be optimised for more safety.

See more, hear clear, talk free

Dräger HPS®-COM
Helmet-mounted communication system with high speech quality for firefighters with and without breathing apparatus.

Dräger FPS®-COM 5000
This communication unit has been developed for the full-face mask Dräger FPS® 7000 and ensures clear communication through a voice amplifier unit or radio device – even under extreme and loud conditions.

Dräger FPS®-COM 7000
Beyond excellent voice quality when communicating via voice amp or tactical radio, the Dräger FPS® COM 7000 provides hands-free TeamTalk capabilities to all SCBA users. Enabling firefighters to communicate with each other over a distance of up to 30 metres indoors without interrupting their work.

We support you to save others

See clear when the air is not

Dräger UCF® FireVista
Small, lightweight, robust and easy to use with just one button: The all-new compact Suppression thermal imaging camera offers an excellent Image quality – even under the most severe conditions. The camera is immediately ready for use and supports you optimally when searching for people.

D-38373-2021

We give you orientation at all times

Dräger UCF® FireCore
The Dräger UCF® FireCore is a hands-free thermal imaging camera that gives you a permanent vision advantage of your immediate surroundings, even under the toughest conditions. That allows you to orientate yourself more quickly and safely, while also improving your situational awareness.

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Continuous vision

A permanent view of your surroundings, even in zero-visibility conditions: The FPS®in-mask display (FPS® IMD) is integrated into the Dräger FPS®7000 full-face mask, so you have the thermal image in front of your eyes at all times.

Always hands free

The UCF® FireCore is ergonomically integrated into your PPE, so you do not have to hold the thermal imaging camera in your hand. That means you have both hands free to focus on what matters most: saving lives.

Adjustable camera angle

No need to feel neck pain: The camera can be easily adjusted with a flick of the wrist, so you don't have to twist your head. No matter what position you're in – standing, bending, or crawling – you'll always have everything in view.

See around corner

Check hard to reach areas – by taking the camera off your helmet when you need to and use it by hand. The UCF FireCore allows you to further improve your situational awareness and increase your safety and efficiency.

Keep a calm head

HPS® SafeGuard
The Dräger HPS® SafeGuard is the extremely lightweight universal helmet for fire and rescue services. Its innovative design combines optimal protection with the highest levels of wearing comfort. Its sporty look, light weight and tailor-made accessories make the helmet a real all-rounder for any challenge.

D-38368-2021

Solutions for safe rescue

Dräger RPS 3500
The Dräger RPS 3500 Rescue Pack System is designed for use by rapid intervention teams, allowing firefighters to supplyair to trapped colleagues or civilians in hazardous atmospheres.

Dräger PSS® Rescue Hood
The Dräger PSS® Rescue Hood supplies air from the firefighters SCBA to a victim. Therefore it can be used in any environment independent of remaining oxygen concentration. Firefighter and victim are constantly connected to each other and need to escape together.

Dräger PARAT® 5550
The Dräger PARAT® 5550 is an air-purifying fire escape hood packaged in a flame-retardant holster. It was specifically developed for fire rescue teams for use in victim rescue. Itallows both the firefighter and the victim to move independently from each other.

Ready when you are

After every call, the personal protective equipment (PPE) must be ready for use again within a very short time. So for us, offering you the best solutions to get your equipment ready is equally important as the protective gear itself.

Maintenance

Quaestor 8000

The Dräger Quaestor 8000 is a fully automated and computer-controlled test device for high test volumes. It provides the complete spectrum of static and dynamic tests for respiratory protection products. It assures the user a proper breathing level with maximum comfort benefits during their responsible task.

D-2864-2021

Cleaning

Wash 6DR

The Wash 6DR cleans pressurised SCBAs thus preventing water ingress. This prevents moisture from getting into the devices. By exchanging the inlay frames, you can also clean face masks, helmets and other PPE.

MFC 7000

The Dräger MFC 7000 is the fully automatic solution for preparing respiratory protective equipment and chemical protective suits after use. In a single operation, used equipment is safely cleaned, disinfected and dried in the multi-function cabin, protecting the material.

Wash 9

With the cleaning machine Wash 9 you can clean up to 9 fullface masks in an economical and simple way. Just choose one of the 3 washing programmes.

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