

## Press Release

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### **Breathe easier while fighting fires**

Dräger PSS AirBoss offers more comfort, higher visibility and is easier to clean

- **New self-contained breathing apparatus for firefighting operations**
- **Light weight and adjustable for better wearing comfort**
- **Works with Dräger FireGround automatic accountability and monitoring system**

Lübeck – The Dräger PSS AirBoss is one of the lightest self-contained breathing apparatuses in its class, which guarantees optimal respiratory protection even under the most difficult firefighting operations. "With the PSS AirBoss, we are introducing a new self-contained breathing apparatus that has been optimized primarily in terms of comfort, operational safety, and connectivity," explains Dräger Product Manager, Ian Bell. "Wearing a self-contained breathing apparatus is physically straining for the firefighter. That's why we wanted to design a device that was as light as possible and make it easier to wear by optimizing the ergonomics." These ergonomic features include a rotatable and sliding lap belt and a height-adjustable carrying system. Together with the low weight of the self-contained breathing apparatus, the physical strain on the user has been reduced. The PSS AirBoss also offers various options for positioning additional equipment, such as thermal imaging cameras and rescue hoods on the shoulder straps and lap belts.

#### **One of the lightest compressed air cylinders on the market**

The Dräger NANO fully composite type 4 cylinder further reduces the weight carried during dangerous firefighting operations. The cylinder body has a weight of 2.8 kg (6.8 L air/300 bar including impact-resistant caps). This currently makes it one of the lightest compressed air cylinders on the market. A regulator hand wheel is used to fit and remove the cylinder easily. A new universal cylinder strap with a buckle ensures that the cylinder can be replaced quickly and that the self-contained breathing apparatus is safely positioned. One or two compressed air cylinders can be fitted on the apparatus.

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### Increased safety

The PSS AirBoss has large reflective elements that increase the wearer's visibility. In addition, the self-contained breathing apparatus can be equipped with a personal warning and safety system. A motionless detector uses visual and acoustic signals to draw attention to firefighters at risk, e.g. in the event of a fall, immobility, low cylinder pressure, or high thermal stress. An additional head-up display keeps firefighters constantly updated with information on air consumption.

### Lots of networking options

The Dräger PSS AirBoss can be connected to the Dräger FireGround automatic accountability and monitoring system. This gives the officer in charge live information about those wearing the respiratory protective devices, and ensures that there is constant tracking of this information during an operation.

The PSS AirBoss is manufactured by Dräger Safety AG & Co. KGaA.

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