A Focus on Protecting Health

A new full-face respirator hood that functions independently of the ambient air guarantees high-quality breathing air and a comfortable way of breathing for spray painters.

The risks involved in working with paints, which include exposure to paint particles, isocyanates and organic solvents, are frequently underestimated. Unfortunately, any damage caused to painters' health only emerges 10 to 15 years later, when it is usually irreparable. For this reason, certified respiratory devices must be worn in paint shops.

The respirator hood from Sata (the Sata air vision 5000) takes a supply of clean air from outside the spray booth. The breathing protection system functions indepen-

dently of the ambient air and guarantees high-quality breathing air, without putting painters at risk of inhaling air contaminated with paint if the filters become saturated. The lack of inhalation resistance in the hood also makes breathing very comfortable.

The air is supplied via a safety compressed air hose. The increased air flow creates a slight positive pressure in the hood, which prevents overspray or vapour from penetrating. If the air volume falls below the required minimum threshold, an audible warning signal is emitted. The device provides protection at up to 100 times the technical reference concentration (TRC) and is designed for long-term use.

Pleasant, safe working conditions

The hood is designed to fit almost every head shape and its circumference, height and position can all be individually adjusted. It is equipped with a rigid skull cover for greater safety. The large visor has a 220° field of vision and the solvent-proof protective film is anti-reflective. The new method of distributing breathing air reduces the air flow and also the noise level to 64 dB. //

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