

# Press Release



German Engineering

## jet X - Works for you

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New in more ways than one: the jet X from SATA

Among the new products presented by SATA at Automechanika 2024, the jet X the new premium spray gun was the star. The jet X has set out to take the quality of results, ergonomics and digital functionality to the next level.

The jet X offers something new in the manufacturer's flagship discipline, nozzle technology. The labyrinth airflow system developed by SATA is being used for the first time: The air is channelled inside the nozzle in such a way that it exits without any turbulence and pulsation. The result is particularly fine and homogeneous atomisation. The spray pattern remains absolutely uniform over its entire height. It has clearly defined fade-out zones and is easy to handle for a controlled and immediate application feel. Cloud formation and flow disturbances in the basecoat are minimised, while the finer atomisation in the clearcoat results in perfect wetting and better surface quality. As already known from SATA, the nozzles are available in two fan shapes: an oval fan shape, also known as "Speed" and a longer fan shape, also known as "Control".

Another new feature of the jet X is obvious – and easy to spot. We are talking about its design. The elegant, matt black spray gun body is presented in a design language that is new, but still clearly recognisable as SATA. The jet X has taken another step forwards in terms of handling and ergonomics: the spray gun is excellently balanced and fits perfectly in the hand; the micrometer for adjusting the inlet flow pressure is now located on the air connection. The engineers at SATA have come up with something very special for the trigger: It can be removed without tools. Meanwhile, a hexagonal spanner for the paint nozzle is integrated into the removable trigger. This is particularly clever, because the professional can quickly tighten the nozzle in the booth without having to look for tools or leave the booth.

The jet X sets completely new standards in digitisation – the premium spray gun is available in different versions.

The jet X DIGITAL is equipped with the newly developed adam X digital unit. It displays the inlet flow pressure, the temperature, the operating time and the battery status.

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The jet X DIGITAL pro offers the largest range of functions: The top model comes with the new adam X pro as standard. It helps the painter to analyse and control the painting process. And get the best results.

The adam X pro shows the inlet flow pressure – and much more: It also displays any deviations from the target pressure that has been set. If this deviation exceeds 0.2 bar, an optical alarm is triggered. In this way, the jet X DIGITAL pro plays an important role in avoiding serious mistakes. This is because a pressure deviation of just 0.2 bar can lead to changes in the colour effect of metallic and mother-of-pearl shades.

The adam X pro also provides information on the ambient temperature and battery status. The digital unit also keeps precise records of operating hours, painting time and how often the trigger was actuated. The various functions of the digital unit are called up and selected by double-tapping as well as by tilting the gun.

Once a job has been completed, the adam X pro generates a summary of the key settings and values. This data can be transferred to a digital dashboard on a PC or smartphone – perfect for monitoring and analysing the painting process.

The digital units are easy to attach and remove – neither requires a docking station or adapter.

The jet X is certainly a big hit. Mainly because of the many new features. But also because it builds further on existing strengths – including nozzle technology. The foundations for a successful launch have been laid.

Expected to be available from January 2025

## **Enclosure**

Press photos

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# SATA

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**Press Photos:**  
The new jet X DIGITAL pro

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