

SATAjet® X 5500

SATA

German Engineering

Perfectly in
sync with
you!

The revolutionary SATAjet X 5500







SATAjet X 5500

SATAjet X 5500

The revolutionary SATAjet X 5500 spray gun: perfectly in sync with you.

When a system is on the verge of reaching its tipping point, it is considered a "revolution". Something which radically challenges proven solutions already existing for decades, thus introducing a new Status Quo literally overnight, is called a "Game Changer". Because current solutions are not automatically the best solutions. Our aim is, however, to offer the most innovative spray guns available to the market. For any type of painter. For all types of painters.

The new SATAjet X 5500 with the revolutionary SATA X-nozzle system will dramatically change the landscape of our industry. Revolutionary because: SATA is the first spray gun manufacturer to offer a nozzle system based on two distinct spray fan shapes for each nozzle size. Parallel and oval-shaped. Across the entire nozzle spectrum. Providing an incredible wealth of perfect solutions. For all kinds of painters. For all kinds of paint systems and climatic conditions. For all kinds of objects to be painted. Using only one spray gun.

The SATAjet X 5500: Perfectly in sync with you. The first spray gun which is in complete harmony with you and your individual requirements.

It is one thing to announce a revolution, but it is something completely different to actually make it happen. However, it is always the painter who realises the potential of the revolution. The achieved finishes must be simply the best.

A few experienced painters have already tested the SATAjet X 5500 in their own bodyshop environment, and they are really impressed by this new SATA premium product.

SATAjet X 5500

The most prominent new product features and advantages at a glance.

Efficient

Allowing considerable material savings with the same application method as before

Precise

Optimised material distribution with both spray fan shapes for a uniform as well as enhanced atomisation based on a new nozzle set system

Silent

Whispering nozzle™ due to optimised air flow geometry, reduced noise level in the relevant sound frequency ranges

Low-maintenance

Without separate air distribution insert, ensuring a much easier and faster cleaning process





Versatile

Two fan shapes for each nozzle size – meeting every application requirement

Individual

Matches any application requirement whether it be the properties of the paint material, the climatic conditions or the painting method (application speed/application control)



Consistent

Constant fan size across the entire nozzle spectrum (within the range of each atomisation technology) with linear increments of the material flow rate

Revolutionary

The X-nozzles are taking atomisation to a whole new level

Mirko

Position:	Painter
Company:	Dogan Karosseriebau GmbH
Responsibilities:	Complete paint jobs on Porsche cars, Complete paint jobs on Vintage cars
Current spray gun:	SATAjet 5000 B 1,3 cc
Tested spray gun:	SATAjet X 5500 RP 1,3 l

What are your preferences during paint application?

"I like to have full control over the surface coating process, while still being able to achieve an optimum finish very quickly."

In your opinion, what are the most important new features of the SATAjet X 5500?

"Actually, there are quite a few! For instance, the much more uniform spray pattern of the I-nozzles compared to previous models, and that there is a lot less overspray leading to considerably lower material consumption. What I also really like: With the elimination of the air distribution insert, I now have fewer serviceable items. Furthermore, I have seen less material deposits in recesses and on edges compared to predecessor spray guns."

What else do you like about your SATAjet X 5500?

"The risk of coating flaws is much, much lower. Due to less overspray, I have a much better control over the surface wetting process. With the SATAjet X 5500, it has also become a lot easier for beginners to produce excellent finishes, as the spray gun applies the material correctly on to the panel helping to achieve perfect results quickly."

”

The risk of coating flaws is much, much lower with the new nozzle system."





Valerio

Position: Bodyshop Foreman
Company: Autohaus Burger Schloz
Responsibilities: Limousines, primarily Mercedes-Benz vehicles,
Commercial transportation vehicles

Current spray gun: SATAjet 5000 B RP 1,2
Tested spray gun: SATAjet X 5500 RP 1,2 O

What is important for you when choosing a spray gun?

"The ergonomics of the gun must be perfect to be sure that it will still feel comfortable in the palm of your hand after several hours of painting with it."

What are your preferences during paint application?

"I prefer a fast application style, i.e. the spray pattern must be relatively fine allowing me to achieve a perfect finish quickly."

What are your expectations regarding a spray gun?

"Very simple: The gun must ensure consistently high quality over a longer period of time – this is what I definitely get from SATA."

What do you particularly like about our new model, the SATAjet X 5500?

"Due to the many different available nozzle set options of the SATAjet X 5500, each painter can now select the spray fan shape meeting their individual requirements and consistently achieve perfect results. I am completely convinced with the new SATA spray gun."

”

Due to the many different available nozzle options, each painter can now select the spray fan meeting their requirements."

Michael

Position: Owner
Company: Good Lack GmbH
Responsibilities: Paint jobs on multi-brand passenger cars

Current spray gun: SATAjet 5000 B HVLP 1,3
Tested spray gun: SATAjet X 5500 HVLP 1,3 I

What are your expectations regarding a spray gun?

"The gun must enable you to achieve good results fast and efficiently."

What did you particularly like about the new SATAjet X 5500?

"The most important new feature for me is the fact that this new gun is working more efficiently, with less paint waste and very fast. Blending with the SATAjet X 5500 is very easy. There is no visible colour shade deviation. Perfect!"

What else do you like about this gun model?

"I generally do like painting with SATA, because the ergonomic design of the spray gun helps avoid strain on your wrist even when using it the whole day."

”

The new SATAjet X 5500 is working efficiently, with less paint waste and very fast."



SATA X-Nozzle System

Revolutionary. Efficient. Silent. Consistent.

A larger available nozzle spectrum provides more options to the painter for the application of modern paint systems ensuring that the required finish is achieved much faster and easier. This flexibility is now offered by the new SATAjet X 5500 with its revolutionary X-nozzle system and optimised air distribution. The best suitable nozzle set can be selected based on the properties of the paint system, the painting style and the requirements of the actual climatic conditions.

Painters will have the choice between the HVLP (High Volume Low Pressure) and the RP (Reduced Pressure) technology and between two different spray fan shapes for each individual nozzle size. Furthermore, the SATAjet X 5500 is available with as well as without integrated pressure gauge (DIGITAL/non-digital spray guns). The spray gun design was developed in co-operation with the Porsche Design Studio.



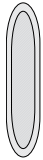
SATA

Jet X 5500 H.V.L.P. Digital

SATA X-Nozzle Systems

Nozzle systems available in HVLP and RP technology.

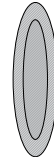
I-nozzles:



- Parallel spray fan with minimal dry zone
- Improved control during application
- Reduced film build per coat
- Available in the nozzle sizes: 1.1 I/1.2 I/1.3 I/1.4 I/1.5 I*

*Only HVLP. | Additional nozzle sizes to follow

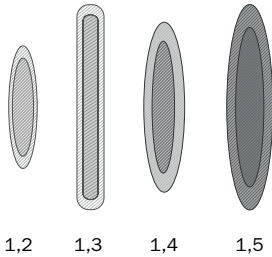
O-nozzles



- Oval-shaped spray fan with larger dry zone
- Wet core for increased application speed
- Available in the nozzle sizes: 1.1 O/1.2 O/1.3 O/1.4 O/1.5 O*

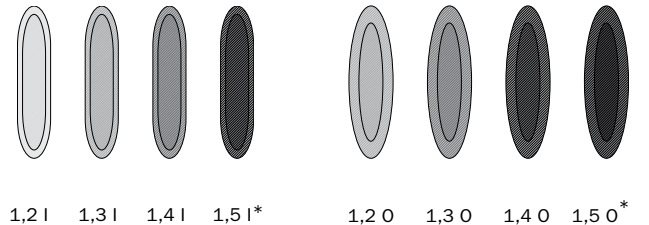
*Only HVLP. | Additional nozzle sizes to follow

Current nozzle systems:



- Fan size and fan width are varying with increasing nozzle sizes
- Non-linear increase of material flow rate with increasing nozzle sizes
- Material distribution is varying with the different nozzle sizes
- Nozzle set with wetter or drier spray pattern with the same spray fan shape is not available

SATA X-nozzles:



*Only HVLP

*Only HVLP

- Constant fan height and width across the entire nozzle spectrum
- Linear increase of material flow rate with increasing nozzle sizes
- Constant material distribution with each specific fan shape across the entire nozzle spectrum
- Easier nozzle set selection due to the clear and effective nozzle system which allows either wetter or drier application, without changing the fan shape, according to the requirements

SATA X-Nozzle Systems

Select the nozzle set to use according to your personal preferences.

To achieve an optimum spray fan without any compromise, far more factors than just ambient temperature and humidity have to be taken into account. The selected coating material with appropriate additives, the dimensions of the object to be painted, the recommended film thickness, the individual painting habits such as application speed or application control are also playing an important role when choosing the correct nozzle size.

What questions do you need to ask:

- Which technology (HVLP/RP) is recommended in the Material Data Sheet of the manufacturer?
- Which SATA spray gun and nozzle set are currently being used?
- What are the temperature and the air humidity inside the spray booth?
- Which nozzle size is recommended in the Material Data Sheet of the paint manufacturer in relation to the climatic conditions?
- What type of painter am I?
- Which film thickness must be achieved with the coating process?

How to establish which SATA X-nozzle set is the right one for your individual requirements?

Quite simple:



via the SATA website under www.sata.com/nozzlefnder or with the Smart-phone App for iOS as well as Android operating systems.

The SATA Nozzle Selector App or the SATA Nozzle Selector in printed format will help you find the suitable nozzle set, regardless which method you choose to start your search with.

1 Nozzle Selector

Based on which aspects do you want to select your X-nozzle?

Replacing the current spray gun/nozzle size

Ensuring optimum performance with the used paint material

Optimising the performance of the X-nozzle application

Achieving exactly the required film thickness

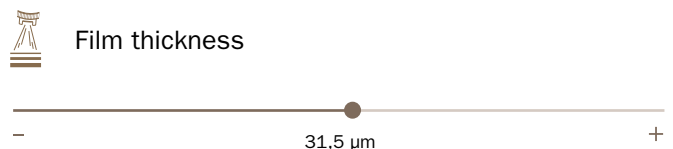
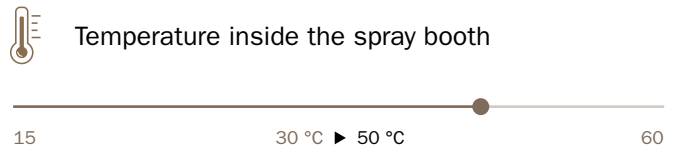
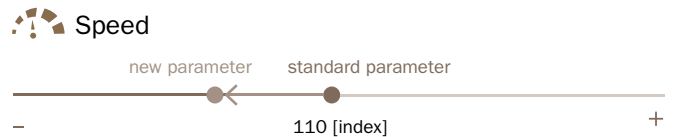
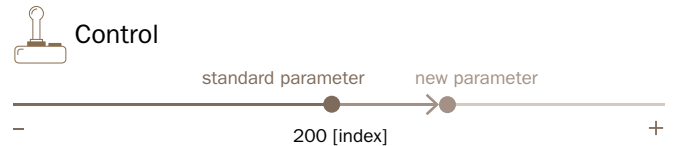
2 Fine adjustment

Our preliminary recommendation:
SATAjet X 5500
1.2
O-nozzle

Your individual option:
SATAjet X 5500
1.1
I-nozzle



Select your individual solution based on the following parameters:



SATA X-NOZZLE SELECTOR

I have already got a SATAjet 4000 B/5000 B spray gun and would now like..

1 ... to have the corresponding X-nozzle.

SATAjet 4000/5000 B RP	1,0	1,1	1,2	1,2 W	1,3	1,3 cc	1,4
	↓	↓	↓	↓	↓	↓	↓
SATAjet X 5500 RP	*	*	1,2 0	1,3 I	1,3 0	1,2 I	1,4 0
SATAjet 4000/5000 B HVLP	1,0	1,2	WSB	1,3	1,4	1,5	
	↓	↓	↓	↓	↓	↓	↓
SATAjet X 5500 HVLP	*	1,1 0	1,3 I	1,3 0	1,4 0	1,5 0	

2 ... to use a SATA nozzle set providing some more control.

SATAjet 4000/5000 B RP	1,0	1,1	1,2	1,2 W	1,3	1,3 cc	1,4
	↓	↓	↓	↓	↓	↓	↓
SATAjet X 5500 RP	*	*	1,2 I	1,2 I	1,3 I	1,1 I	1,4 I
SATAjet 4000/5000 B HVLP	1,0	1,2	WSB	1,3	1,4	1,5	
	↓	↓	↓	↓	↓	↓	↓
SATAjet X 5500 HVLP	*	1,1 I	1,2 I	1,3 I	1,4 I	1,5 I	

3 ... to get a slightly higher material flow rate compared to my currently used SATA nozzle without changing the spray fan pattern.

SATAjet 4000/5000 B RP	1,0	1,1	1,2	1,2 W	1,3	1,3 cc	1,4
	↓	↓	↓	↓	↓	↓	↓
SATAjet X 5500 RP	1,1 0	1,2 0	1,3 0	1,4 I	1,4 0	1,3 I	1,5 0
SATAjet 4000/5000 B HVLP	1,0	1,2	WSB	1,3	1,4	1,5	
	↓	↓	↓	↓	↓	↓	↓
SATAjet X 5500 HVLP	1,1 0	1,2 0	1,4 I	1,4 0	1,5 0	*	

* currently not available

Your SATA dealer



SATA GmbH & Co. KG
Domertalstraße 20
70806 Kornwestheim
Deutschland
Tel. +49 7154 811-200
Fax +49 7154 811-194
www.sata.com