

The Complete Car Refinish Programme



German Engineering

Spray Guns | Cup Systems | Breathing Protection | Air Filtration | Accessories



Perfect Paint Application

The Leading Equipment for Professional Collision Repair

The quality of a refinish paint job is primarily assessed through visual factors, such as colour match, colour effects, gloss, uniform material distribution etc. In order to ensure a high level of process security on a daily basis and to avoid rework however, certain quality requirements must be met.



High quality, state-of-the-art spray guns are of vital importance for a secure work process. At the same time, it also must be ensured that technically clean compressed air is available to achieve the expected high-quality finishes. Effective health protection to preserve the physical capacity of the staff on the shop floor is another important element. For all of these areas, SATA offer product solutions designed to meet the daily requirements in a body-

shop. This brochure gives you an overview on the large SATA product programme.



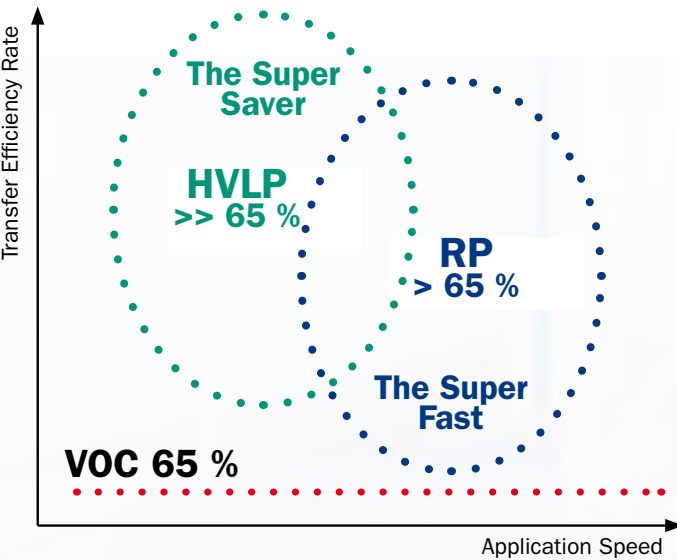
For more information:

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Spray Guns

The most important equipment for automotive painters. SATA spray guns not only meet the demand for high quality finishes, they are also first choice in terms of reliability, durability and ergonomics.

As a matter of fact, they also exceed the transfer efficiency rates of 65 % required by VOC legislation. Most spray guns are available in two versions:



HVLP: Due to their low pressure technology, these SATA spray guns achieve extremely high transfer rates.

RP: The optimised high pressure technology allows maximum application speed.

The following aspects have a major influence on the selection of the right spray gun:

- Work methods of the painter
- The object to be painted
- The paint system
- The available air volume from the compressor

Spray Guns for Automotive Painters

	The Super Saver Guns	The Super Speed Guns
Top Coat <ul style="list-style-type: none">■ Clear coat■ Base coat■ Single stage material	SATAjet® 4000 B HVLP SATAjet® 3000 K HVLP	SATAjet® 4000 B RP® SATAjet® 3000 K RP®
Primer Materials <ul style="list-style-type: none">■ Primer■ Surfacer	SATAjet® 100 B F™ HVLP	SATAjet® 100 B F™ RP®
Primer Materials <ul style="list-style-type: none">■ Polyester Primer (Sprayable Putty)	SATAjet® 100 B P™	
■ Spot repair <ul style="list-style-type: none">■ Touch-ups/blending	SATAminijet® 4400 B HVLP	SATAminijet® 4400 B RP®
Design	SATAjet® 20 B SATAgraph® 1, 2, 3	

Top Coat Spray Guns for Perfect Finishes

SATA high performance spray guns are used for the application of top coat materials in car refinish, with their nozzle sets being designed for the application of modern base and clear coats from all leading paint manufacturers and fine-tuned during the final quality inspection process at SATA to ensure that your paint jobs meet highest demands in terms of brilliance, desired colour effects, uniform material distribution, gloss and colour match.

SATA high performance spray guns are made of forged aluminium and finished with a high-quality chrome plating. With their fluid tips and paint needles being made of stainless steel, they can be used for the application of both solvent-based and waterborne paints. Round/flat fan control and air micrometer are standard features. The gun handle as well as all control elements are ergonomically formed for perfect gun control. Robust in their design, SATA spray guns are low in weight.

The spray guns are easy to clean and maintain, due to self-adjusting seals, paint needles protected from paint mist, sturdy air cap threads and short material passages.

The inlet pressure can be precisely adjusted and controlled either with an integrated or a retrofit electronic pressure gauge.



SATAJet® 4000 B – the Experience in Form and Function

A real "must have" for every bodyshop accomplishing car and utility vehicle repair or full paintings.

- A uniform and perfectly shaped spray fan ensures brilliant finishes at rapid application speed.
- Due to its ergonomically formed gun handle, this extremely lightweight spray gun fits like a glove.
- Ergonomically shaped adjustment elements and the useful round/flat fan control allow safe and comfortable work
- **Optional: SATAJet 4000 B DIGITAL with integrated electronic inlet pressure adjustment**

Numerous useful features:



For more details see page 5 at the top.

Meaning of the Symbols:



VOC-compliant atomisation technology - optionally available as HVLP low pressure or RP optimised high pressure technology



Optional: SATAjet 4000 B DIGITAL with integrated electronic inlet pressure adjustment



Innovative and versatile digital retrofit air micrometer



Switching back and forth from round to flat spray fan with a quarter turn only



Perfectly suitable for the use of RPS disposable cups



Cup connection for quick and clean cup changes as well as easy cleaning



Quick air cap change with one turn only



For the convenient identification of your spray gun



Top quality is not enough - we guarantee it: for three years



SATAjet® 3000 K – for large surfaces

Painting entire utility vehicles requires pressure fed spray guns

- High surface efficiency due to material supply from pressure tanks or via double diaphragm pumps
- Wide, smooth and homogeneous spray fan for perfect finishes at high application speed
- Extremely sturdy version with axial round/flat spray control
- **Optional: fluid tip and paint needle with lifetime prolonging surface**



SATAmijet® 4400 B – Brilliance in Miniature

Compact, lightweight gravity flow cup spray gun for small surfaces and areas of difficult access as well as for custom paintings.

- Both HVLP and RP versions are available
- Special "SR" nozzle sets for smart repairs
- Large QCC cup connection for all cup sizes

Air consumption:

- RP: 200 NI/min at 2,5 bar; HVLP: 120 NI/min at 2 bar



To choose the correct nozzle size, please contact your local SATA dealer or visit our website at www.sata.com

Special Spray Guns for Primer Materials

Prep materials such as primer, filler and spray putty fulfill an important function within the paint process. To economically apply these primer materials, the use of the SATAjet 100 B F and B P are recommended. The material is applied with extremely low overspray allowing little masking efforts. Together with the use of SATA RPS disposable cups, SATAjet 100 B F and B P spray guns are the perfect solution for these special requirements.



SATAjet® 100 B P™ - for the application of spray putty

The nozzle set "P" creates high film builds. The sharp-edged spray fan allows precise application.

- Same features as SATAjet 100 B F, however without air micrometer

SATAjet® 100 B F™ RP® and HVLP - for primers and fillers

Primer and filler application with little overspray saves paint material and reduces masking effort. A smooth material distribution reduces subsequent sanding efforts. Already with an inlet pressure of 0.5 bar, the spray fan can be flexibly and precisely adjusted even to small spot repair areas.

- Sturdy spray gun with anodised spray gun body
- Fully equipped with round/flat fan control and material flow control as well as air micrometer
- Comfortably lightweight and ergonomically optimised spray gun
- Little cleaning and maintenance
- Versatile use due to each four different RP and HVLP nozzle sizes

Design and Airbrush Guns

To paint creative, fancy motives, many artists from the airbrush scene prefer SATA design guns. They are especially suitable for creating fine dots, delicate lines and contours. Different models are available to suit your specific application needs.



SATAjet® 20 B Design-Set

- Airbrush with round fan in exceptional spray gun design – ergonomically shaped for fatigue-free working
- Durable and low maintenance
- In addition to the SATAjet 20 B 0.5, the SATA design set also contains all necessary accessories

Art. No. 90381



SATA® graph™ 1 - The Starter Model

- With double action system for separate air and material control to achieve special effects
 - Versions with gravity flow cup and suction cup
- Art. No. 134544 (nozzle size 0.25)



SATA® graph™ 2 - The Convertible Gun

- Simultaneous air and material control via the trigger for a familiar action
 - Removable needle cap to allow drawing finest lines
 - Simply turning the gun body 180° and replacing the cup quickly converts the airbrush from gravity to siphon and vice versa
- Art. No. 5082 (nozzle size 0.25)



SATA® graph™ 3 - for Professionals

Similar to SATAgraph 1, however, with some additional features

- Removable needle cap to allow drawing finest lines
- Material flow control
- Four nozzle sizes available

Art. No. 134551 (nozzle size 0.25)



SATAmijet® 4400 B Design-Set

- Perfectly suitable for graphic designs, automotive custom painting, artwork and calligraphy as well as spot repair.
- In addition to the spray gun with nozzle size 1.0, the fully equipped SATA design set also contains all necessary accessories

Art. No. 198387



SATA RPS – the Cup System for Professionals: Simple, Efficient, Perfect

SATA RPS (Rapid Preparation System) is the ideal cup system for shops focusing on perfect finishes and high profitability. It makes a painter's life much easier, considerably increases productivity and drastically reduces the consumption of cleaning solutions and solvents.

Mixing paint

The paint is mixed in the cup which is later used for painting. Time-consuming preparation, such as sieving paint, additional mixing cups and sieves are no longer required. The workplace stays clean; the contact with the paint is reduced to a minimum.

Painting and refilling

The low weight – for example, a 0.6 l cup with lid weighs 50 g only – and a low center of gravity allow safe and fatigue-free work. Colour changes are effected rapidly: Only the short paint channel of the spray gun requires flushing. Upon request, the SATA RPS cup can also be refilled simply and in a cleanly manner.

Storing paint

During storage, the sturdy cup and the airtight closure prevent the paint from being affected. Furthermore, the sturdy cup makes handling easier.

Convenient disposal after use

Cleaning the cup system is not necessary. This reduces non-productive times as well as cleaning agent and solvent consumption, helping save money and protect the environment. No special disposal system is required.

SATA RPS 0.9 l
40 cups, lids and
flat sieves 125 µ: Art. No. 118471
plug-in sieves 200 µ: Art. No. 118489

SATA RPS 0.6 l
57 cups, lids and
flat sieves 125 µ: Art. No. 125062
plug-in sieves 200 µ: Art. No. 125070

SATA RPS - CONVINCING ADVANTAGES:

- Easy to use – only 3 parts
 - Fits directly on all SATA spray guns – no adapters required
 - Perfect finishes are easily achieved – even material flow
 - Cleaning becomes almost irrelevant - allows very quick colour changes
 - Stable cup ensures safe storage of leftover material
 - Pointed lids allow the complete and residue-free material application
 - Reduces cleaning efforts and solvent consumption
 - Available in the 3 cup sizes 0.3 l, 0.6 l and 0.9 l
- For selecting the correct sieve fineness, please ask your paint manufacturer.



The paint is mixed in the cup later used for painting.

Very easy

Handling is extremely easy as the system only consists of 3 components: cup, lid and sieve – with a fineness of 125 μ or 200 μ at your choice. Spare lids and spare sieves are available for all RPS cups.



No compromise

SATA RPS is the only cup system that fits on all modern SATA spray guns without cumbersome adapters. There are far less crevices in the material passage which could attract paint material possibly leading to coating flaws during subsequent paint jobs.



Perfect finishes

Continuous cup ventilation via the anti-drip device ensures consistent material flow permanently. An even material application and highest colour match precision reduce the danger of expensive rework.

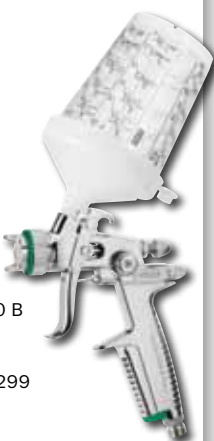


SATA RPS 0.3 | standard

suitable for all SATA top coat and primer spray guns incl. SATAmijet 4400 B
60 cups, lids and flat sieves 125 μ : Art. No. 118281
plug-in sieves 200 μ : Art. No. 118406

SATA RPS 0.3 | minijet

especially for SATAmijet 3000 B and SATAjet 20 B
60 cups, lids and flat sieves 125 μ : Art. No. 118299
plug-in sieves 200 μ : Art. No. 118414



Profitable

With SATA RPS, you optimise your complete painting process – without having to accept compromises with regard to the finish. Thus, you work profitably and save money.

Comparative calculation at:
www.sata.com/rps_calculator



Filter Regulators and Breathing Protection - for Perfect Finishes and Optimum Health Protection

Every bodyshop requires compressed air for many different applications, such as sanding, cleaning, painting and drying. According to the field of application, there are different requirements concerning air purification: In any case, SATA offer the appropriate filter solution.

SATA respirator systems, no matter if you use respirator hoods or half masks, convince by maximum protection, long lifetime and comfortable wearing features - to be for sure on the safe side.



SATA® vision 2000™ - the complete health protection system

Supplied-air respirator hood with very high wearing comfort and optimum hygiene. The system perfectly complies with painters' requirements and protects their respiratory tracts, eyes, skin and hair (especially important for the application of waterborne paints). High breathing air quality due to an air supply which is independent from the ambient air, no inhalation resistance, high breathing comfort.

- High protection level
- Visor allows one-hand operation
- Non-reflecting view due to solvent-resistant special foil
- Little operating costs, quick pay-off of purchase costs

Art.No. upon request



SATA® air star C™ - the supplied-air half mask

Skin-friendly mask made of TPE* with anatomically shaped sealing frame, solvent-resistant.

- Safe seat, free field of vision (protective goggles Art. No. 97485 required, not included in delivery)
- No accumulation of heat and humidity inside the mask

Art.No. upon request



SATA® air star F™ - the useful filter mask

Due to the double filter system A2:P3 R D (highest protection level), the filter mask provides perfect protection against dust, dirt and organic solvent vapours – up to thirty times the TLV with short paint jobs.

- Mobile use, easy handling
- Small investment
- Good wearing comfort, free field of vision (protective goggles Art. No. 97485 required, not included in delivery)
- Pre-filter extends filter lifetime

Art.No. upon request

* Thermoplastic elastomer

SATA® filter 400™ - for highest requirements

The SATA filter 400 series fulfills highest requirements for quality, performance and available air volume. Their modular construction allows to adapt them to the exact needs of each practical application. The combi units SATA filter 484 and 444 are standard equipment in spray booths, as they reliably prevent expensive rework.

- Air flow: 3,600 NI/min at 6 bar
- Max. ambient temperature: 120° C or 60° C, resp., when using activated charcoal
- Large adjustment screw for precise adjustment of operating pressure
- Differential pressure display due to double gauge to check the fine filter saturation level
- Two air outlet taps
- Single modules for pipeline installation



SATA® filter 484™

Triple-stage combi filter (with activated charcoal) – to apply VOC-compliant paints, such as waterborne or high-solid paints.
Art. No. 92220

SATA® filter 444™ (please see below)

Dual-stage filter
(without activated charcoal) – suitable for the application of solvent-based paints.
Art. No. 92296

Perfect health protection

The respirator kit SATA vision 2000™, Art. No. 69500, contains the components marked with *

- ① **SATA® filter 444™**
Art. No. 92296
- ② **Safety compressed air hose**
Kink- and crush-proof, 6 m
Art. No. 49080
- ③* **Belt unit with activated charcoal adsorber**
- ④ **Air hose to connect the spray gun**
Art. No. 13870
- ⑤ **SATA air warmer**
Continuously adjustable
Art. No. 61242
- ⑥* **Breathing air connection hose**
- ⑦* **SATA vision 2000**
- ⑧ **SATA® top air™ breathing air humidifier**
Art. No. 89086
- ⑨ **Suspender belt**
Art. No. 15412



SATA® filter 103 prep™ and 100 prep - purified air also for the prep deck

The SATA filter 100 prep and 103 prep have been especially developed to meet the requirements of the prep deck. They prevent coating flaws from the very beginning. Not suitable for the use in spray booths and only limited feasibility to supply respirators.

- Air flow: < 800 NI/min at 6 bar
- Max. ambient temperature: 50°C



SATA® filter 103 prep™

Triple-stage filter (with activated charcoal) to apply waterborne pre-materials and/or for the application of the following waterborne paints.
Art. No. 157420

SATA® filter 100 prep™

Dual-stage filter (without activated charcoal) suitable for the application of solvent-based primer materials and the application of solvent-based paints.
Art. No. 148247

Material Supply Systems for an Optimised Painting Process

For the application of larger amounts of paint, the SATA material supply systems in combination with pressure fed SATA spray guns are the perfect equipment. The universally applicable systems feature easy handling, sturdy construction, long lifetime and little maintenance.



SATA® mini set 2™ - for the mobile use

Paint pressure tank with 2 l filling volume to paint utility vehicles.

- Handy, can be used anywhere
- Optional accessory: shoulder strap
- Closed system
- Almost no wear-and-tear, little maintenance
- Easy to clean
- Also available as complete spray unit in combination with the high performance spray gun SATAjet 3000 K

Art.No. upon request



SATA® paint pressure tanks

also available with filling volumes of 10, 24, 38 and 48 litres.

Art.No. upon request



Cleaning systems for spray guns

Spray gun cleaning is a less popular task amongst painters. SATA cleaning devices reliably help achieve correct gun cleaning which is of vital importance not only in order to maintain proper function of the spray gun, but also to increase the process security in the bodyshop.



SATA® vario top spray™ - the double diaphragm pump

Efficient pump to apply large amounts of paint.

- The alternative to a paint pressure tank
- Aluminium and stainless steel versions
- Sturdy, low-wear and low maintenance
- Easy refill
- Several versions for mobile and stationary use are available
- Allows to work with open original containers – no refill or ventilation required as would be necessary with pressure tanks
- High performance spray gun SATAjet 3000 K not contained in the scope of delivery

Art.No. upon request

SATA® clean RCS™ - the turbo cleaner

For bodyshops with high output and many colour changes.

- Rapid and safe colour change when using disposable cups, such as SATA RPS
- Thorough cleaning of the material passages
- Eliminates the need for trips in and out of the booth, as it can be mounted inside the spray booth
- Increases bodyshop productivity

Art. No. 145581



SATA® clean RCS™ compact

- To connect large cleaning agent containers
- Recommended for wall-mounting inside the mixing room, as there is no need for spray air supply
- Optional: Hose for extracting solvent fumes

Art. No. 192518



SATA® clean RCS™ micro

The compact version is also available as space-saving option with a one-chamber-system.

Art. No. 202564

SATA® multi clean™ 2

Washing machine with integrated suction unit.

- Thorough and gentle cleaning of spray gun, cup and lid
- Little cleaning agent consumption
- Closed, environmentally friendly system
- Cleaning agent-fed brush for manual pre-cleaning

Art. No. 38257



Everything for the Modern Bodyshop and Workshop

Every bodyshop should be equipped with robust grit blasting guns, spray guns for underbody protection and cavity preservation materials as well as complementing innovative accessories to improve daily work processes.



■ **SATA grit blasting gun**
Quick and easy removal of small corrosion spots.
Art. No. 17335



■ **SATA® UBE™**
Efficient suction cup gun to apply underbody and stoneguard underbody compound out of disposable cans.
Art. No. 12740



■ **SATA® HRS™**
Pressurised cup spray gun with 1.5 l cup for cavity preservation with three quick change wands for various fields of application.
Art. No. 9795



■ **SATA® HRS™ E**
Pressurised cup spray gun with 1.5 l cup, for cavity preservation and underbody protection applied out of disposable containers, with material flow control, hook and nylon wand and round fan nozzle.
Art. No. 172882



■ **SATA blow gun**
Blow gun with multi nozzle for high efficiency at little air consumption.
Art. No. 15214



■ **SATA® dry jet™**
Special blow gun to reduce drying time of waterborne paints.
Art. No. 82222
Two blow guns mounted on a stand via quick couplings.
Art. No. 82230



■ **SATA® anti-dust jet™ X**
Antistatic spray gun with rotating nozzle, cable 10 m with power supply.
Art. No. 185280

■ **SATA® adam 2™ / adam 2 mini™**

Turns a non-digital spray gun into a "DIGITAL" - for retro-fitting SATA spray guns without integrated digital pressure gauge. Ensures correct setting and display of the gun inlet pressure for highest colour match precision.

For SATAjet spray guns: Art.No. 160846

For SATAminijet® 4400 B/3000 B: Art. No. 160879

■ **SATA adam 2 U**

Air micrometer G 1/4 with SATA adam 2 display for SATA dry jet and competitor spray guns

Art. No. 195214

■ **SATA dock**

G 1/8 male thread to retrofit analogue pressure gauges, e.g. on pneumatically operated units

Art. No. 195925



■ **High-quality air hose for the spray gun connection**

9 mm inner diameter, 10 m long, with quick coupling and nipple, antistatic, conductive, free of substances causing coating flaws, 20 bar pressure-resistant, high bursting safety.

Art. No. 53090



■ **SATA® clean™**

Wet holding tray for up to three spray guns. Prevents drying out of the nozzle.

Art. No. 60095



■ **SATA® air tester™**

For the quick and reliable test of the atomisation air in terms of substances causing coating flaws.

Art. No. 156299



■ **SATA® cert**

Reveal problems before they occur - with the regular control of the spray pattern.

Art. No. 161596



■ **SATA® care set™**

Bag with useful utensils for spray gun cleaning and maintenance. Framed in red colour: Not included in delivery.

Art. No. 162628



■ **SATA® High Performance Grease**

Silicone and acid-free. 100 g for spray guns.

Art. No. 48173



■ **Spray gun holder**

For wall or table mounting. Useful ftool or refilling SATA RPS disposable cups.

Art. No. 40188



■ **SATA® Universal spray gun and hose holder**

Art. No. 192195



■ **Spray gun holder**

For wall mounting.

Art. No. 9886

German Engineering – More than You Expect

State-of-the-art and highly efficient production facilities incorporating latest technology ensure highest precision in the manufacturing process of SATA spray guns. The continuous enhancement of products and manufacturing processes is at the core of the company philosophy - for your benefit.



Quality assurance: Every single production step is subject to strict quality controls.



Hand adjustment: Each nozzle set is separately manually "tuned" to optimise the spray fan.



Final assembly: The high precision components are assembled with ultimate care.



Result: A perfect spray pattern meeting highest quality expectations.



Your SATA dealer



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