











Versions

Features | pot and lid made of stainless steel

								Art. No.
	Single pressure reducer	Double pressure reducer	Pot insert	Pneumatic agitator without gear	Pneumatic agitator with gear	Electric Motor driven agitator	Manual agitator	
SATA paint set 10 with ... 	X							14662
	X		X				X	14654
		X						14647
		X	X				X	14639
SATAjet 3000 K RP, 1.1, material supply tube, material filter 60 msh, hose pair 9x9 mm, 6m length		X						16782
SATA FDG 24N* with ... 	X							177725
	X						X	177733
	X			X				177741
	X				X			177758
	X					X		177766
		X						177774
		X					X	177782
		X		X				177790
		X			X			177808
		X				X		177816
SATA FDG 24U* with ... (Material outlet on the bottom of	X							186189
		X						195370
SATA FDG 48N* with ... 	X							177824
	X						X	177832
	X			X				177840
	X				X			177857
	X					X		177865
		X						177873
		X					X	177881
		X		X				177899
		X			X			177907
		X				X		177915

* Special versions with material outlet on the bottom of the tank as well as pressure plate are available upon request.

Ausstattungsmerkmale

1. Single pressure reducer

To adjust the material pressure, e.g. for the supply of automatic spray guns.

2. Double pressure reducer

To supply hand spray guns, material and atomisation pressure can be adjusted separately.

3. Pot insert

Reduces contamination of the paint pressure tank. Made of stainless steel. Easy to clean.

Agitators for materials which tend to settle, such as emulsions or paints with metallic or mineral components:

4. Pneumatic agitator

Even and continuous agitating. Idle speed up to 2,700 t/min, Agitator speed adjustable via compressed air.

a without gear

b with gear (ratio 1:25). Suitable for high-viscosity materials.

5. Motor driven agitator

Even and continuous agitating with insufficient air supply. Suitable for 230 V or 400 V, 50 Hz alternating current (switchable). Explosion-protected. Idle speed 100 t/min. Agitator speed cannot be adjusted via current frequency.

6. Hand agitator

For manual agitating, cost-effective, with insufficient air supply.




7. Second gun connection

Material and air side. For the use of two spray guns simultaneously – saves time.



SATA spray guns– perfect choice

The large range of SATA spray guns allows every user to find the suitable application device for each specific task.

			
	SATAjet 3000 A / ROB / K	SATAjet 1000 A / ROB / K	SATAminijet 1000 A / ROB / K
Spray gun type/description	High-performance spray gun for perfect finishes due to finest atomisation; for hand and automatic versions	Universal spray gun for various fields of application; for hand and automatic versions	Spray guns to paint small objects: available as hand and automatic version
Extensions	-	Upon request: Round/flat spray control Diagonal spray fan pattern Plate-shaped internal mixing nozzle Angular head flat fan	-
Fluid tip and paint needle with lifetime prolonging surface coating	Upon application	Upon application	Upon application
Special versions	-	Spray guns with nozzle set-ups, e.g. for the application of glues; additional special versions upon request	-

For more information and expert guidance in the selection of the most suitable spray gun, please contact your SATA dealer or pay us a visit on the internet at www.sata.com.

Your SATA dealer



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SATA® paint pressure tanks



German Engineering

Spray Guns | Cup Systems | Breathing Protection | Air Filtration | [Accessories](#)



Quality for big tasks

SATA paint pressure tanks – unlimited possibilities

The hard-wearing SATA paint pressure tanks are designed to apply larger amounts of material with pressure fed hand or automatic spray guns. Furthermore, the SATA paint pressure tanks are also used for the application of high-viscosity, slow moving or thixotropic materials (i.e. gel-like) materials. Due to the self contained, pressurised tank, the materials can continuously be applied over a longer period of time and without any pressure variations.

Fields of application

Characteristic materials which are applied with SATA paint pressure tanks are: paints, stains, dispersion paints, skims, preserving agents, glues, separating agents. SATA paint pressure tanks are also suitable for special applications in the industry when materials are added doses in a process.

The various tank sizes and versions cover a large field of applications in craft and industry.

Proven technology

SATA paint pressure tanks are equipped with hard-wearing components which keeps the operating costs low. The pressure tanks are sturdy and feature a long lifetime – an investments that pays off.

PRODUCT BENEFITS

- Time saving due to continuous working without interruptions
- Pulsation free, even material supply
- Also suitable for high viscosity, paste-like or thixotropic materials
- Various equipment and special versions
- Enhanced working opportunities due to large range of accessories



SATA MINI SET™ 2

In general, the handy 2 l paint pressure tank can be used anywhere. The aluminium tank is lightweight and perfectly suitable for mobile use. The shoulder strap (optional accessory) provides optimum mobility to the user – even at places of difficult access.


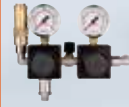
Application system allowing immediate use

The SATA mini set 2 is also available as a complete spray unit in combination with the high performance spray gun, SATAjet 3000 K RP, hose pair and material pick-up tube with inline filter.

For foundries, forges, plastics processing and other industrial sections, the SATA mini set 2 in combination with a SATAminijet 1000 K RP is available for the application of separating agents. With this separating agent spray system, even narrow and crooked forms can be efficiently coated.

The double pressure reducer used with this version allows the separate adjustment of material and spray pressure to ensure the highest possible process safety during the application of separating agent.

Versions SATA mini set 2

	 		Art. No.
	Single pressure reducer	Double pressure reducer	
SATA mini set 2	X	-	120840

Application systems SATA mini set 2 with ...

SATAjet 3000 K RP, nozzle 1.1, hose pair 9x9 i.d., 1.5 m, material filter 60 msh	X	-	56408
SATAjet 3000 K HVLP 1.2, hose pair 9x9 inner diameter, 1.5 m, material filter 60 msh	X	-	83444
SATAminijet 1000 K RP 0.3, hose pair 3 m (SATA separating agent spraying system)	-	X	187740

Accessories

Shoulder strap
For comfortable and safe work.
Art. No. 5868

Lieferumfang SATA mini set 2

- 2 l paint pressure tank with screw-on lid and carrying handle
- Air inlet with shut-off tap
- Safety valve
- Single pressure reducer with gauge (standard version)

Technische Daten SATA mini set 2

- Air inlet and outlet: G ¼ male thread
- Material outlet: G ¼ male thread
- Maximum material pressure in the tank: 2,5 bar



SATA PAINT SET 10, SATA FDG 24N, SATA FDG 48N

The big ones for continuous operation.

The paint pressure tanks SATA paint set 10, SATA FDG 24N and SATA FDG 48N are used for the application of large amounts of material. The tanks and all material passages are made of stainless steel. The lightweight pressure pot lid can be quickly removed allowing easy filling of material into the pot for rapid material changes without undue effort. Alternatively, there are easy to clean insert pots available to dispense the required material quantity directly into and then place in the tank itself.

Trolleys and second spray gun connections are available for SATA paint pressure tanks FDG 24N and FDG 48N. Special versions with material outlet at the bottom side of the tank as well as pressure plate, i.e. for very thick materials are available upon request.

Scope of Delivery

SATA paint set 10	SATA FDG 24N / SATA FDG 48N
Stainless steel 10 l tank	Stainless steel 24 l or 48 l tank, resp.
Lid with Rilsan coating	Stainless steel lid, with filler neck
Material passages made of stainless steel	
Air inlet with shut-off tap	
Safety valve	
Connection for a spray gun	Connection for one spray gun, optionally: second spray gun connection
Material outlet in the lid	Material outlet integrated in lid, upon request: Material outlet at bottom side of the tank and pressure plate

Accessories

SGE-trolley ☒ Art. No. 46037 (SATA FDG 24N) ☒ Art. No. 14332 (SATA FDG 48N)	
Hoses/Hose Pairs Art. No. upon request	

Technical Data

	SATA paint set	SATA paint pressure tank FDG 24N	SATA paint pressure tank FDG 48N
Maximum material pressure in the tank	3 bar	6 bar	4 bar
Total weight / Lid weight:	8 kg/starting from 3.9 kg	24 kg/starting from 6.9 kg	31 kg/starting from 8.6 kg
Internal height / Inner diameter:	268mm/ø 217mm	369 mm/ø 297 mm	486 mm/ø 362 mm

- Air inlet and outlet: G ¼ male thread
- Material outlet: G ¼ male thread