

SATA

German Engineering

SATAjet K 1800 spray mix –
Ultra-high pressure coating has never
been easier

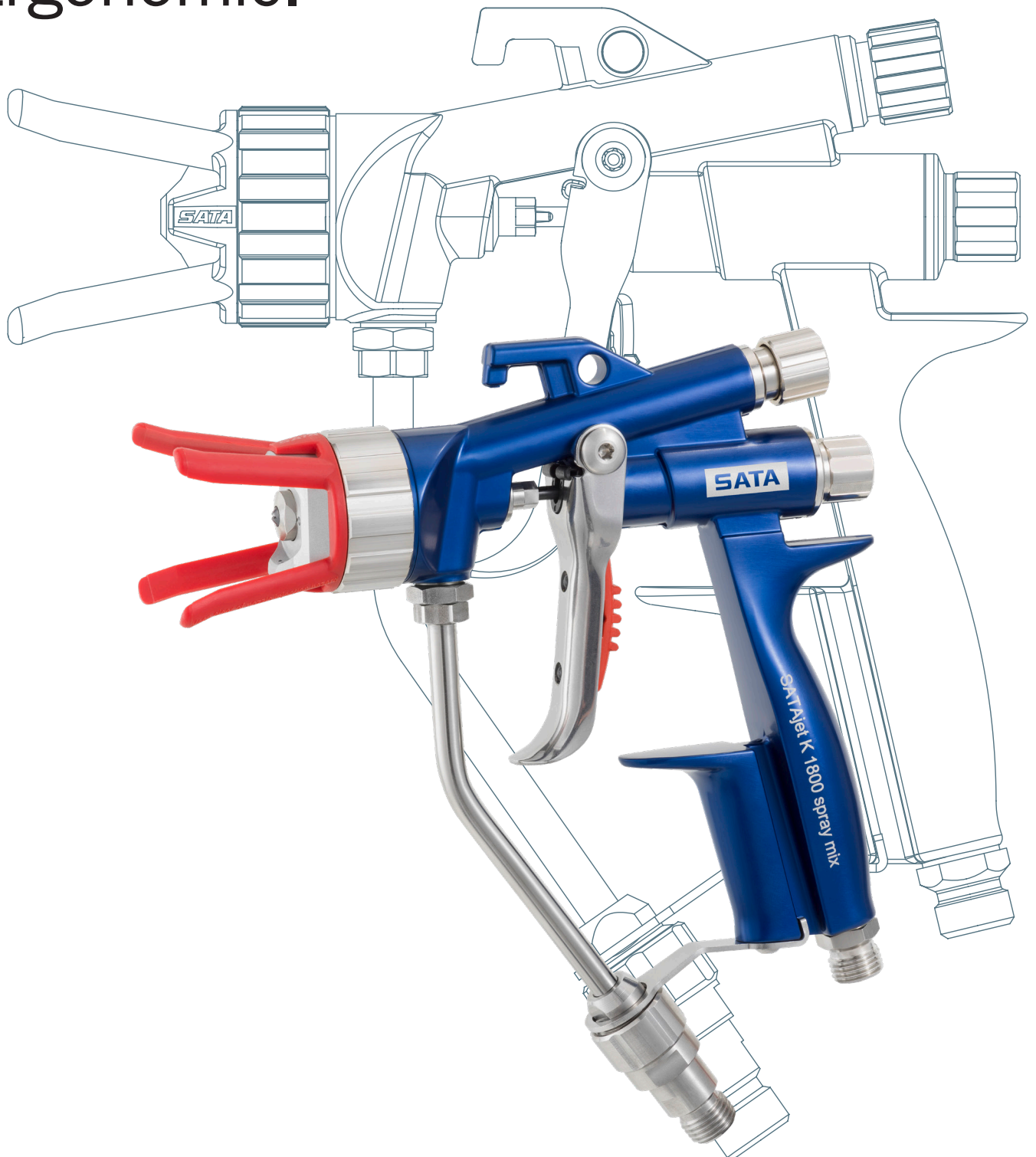


SATAjet K 1800 spray mix

Innovative.

Light.

Ergonomic.





SATA introduces the new SATAjet K 1800 spray mix, an innovative new product in the field of ultra-high pressure coating.

With the "spray mix technology", the paint material is applied at ultra-high pressure, creating a pre-formed airless spray fan. Through the air cap, compressed air is fed to this airless spray fan, which helps to shape it and enables an even droplet distribution. The result is a homogeneous material application for highest surface quality.

The new **lightweight gun** in this spray gun class with its well-balanced gun body combines an optimised **ergonomic design** with a finely-tuned nozzle range and with the innovative clampLock paint needle system:

- The ergonomic design in combination with the low trigger force of only 24 Nm enables fatigue-free working even during longer coating sessions.
- Thanks to its low weight, the SATAjet K 1800 spray mix is perfect for continuous and time-intensive coating processes.
- The innovative, two-part clampLock paint needle system enables an easier maintenance.

The SATAjet K 1800 is an excellent tool for a wide range of applications in various sectors – from the woodworking and automotive industry to machinery, steelwork and also shipbuilding and container construction.

The new SATA spray mix spray gun is perfectly suited for **both classic craftsmanship as well as for industrial applications**, e.g. for the coating of large surfaces and a wide range of components. Thanks to the various adjustment options and the finely tuned nozzle range, it is the perfect choice

if it comes to high profitability, high area output and high finishing quality.

Other features:

- Ball-shaped tip of the paint needle for a perfect sealing
- Pre-nozzle with tungsten carbide insert
- Paint nozzle with nozzle core made of tungsten carbide
- High surface quality at a pressure in the range of 50 - 250 bars (725 - 3626 psi)
- Trigger with integrated trigger lock
- Round/flat spray control
- Application of water- and solvent-based paint systems
- Easy to clean, corrosion-resistant anodised surface
- Optional swivel joints for air and material connection

PRODUCT BENEFITS

- Ergonomic design with a well-balanced gun body
 - Low spray gun weight
 - Single-axis trigger system for low trigger forces and fatigue-free working
 - Innovative, two-part clampLock paint needle system
 - Material connection system for the sieve or insert filter
 - Material connection G 1/4 NPSM
 - Air connection G 1/4
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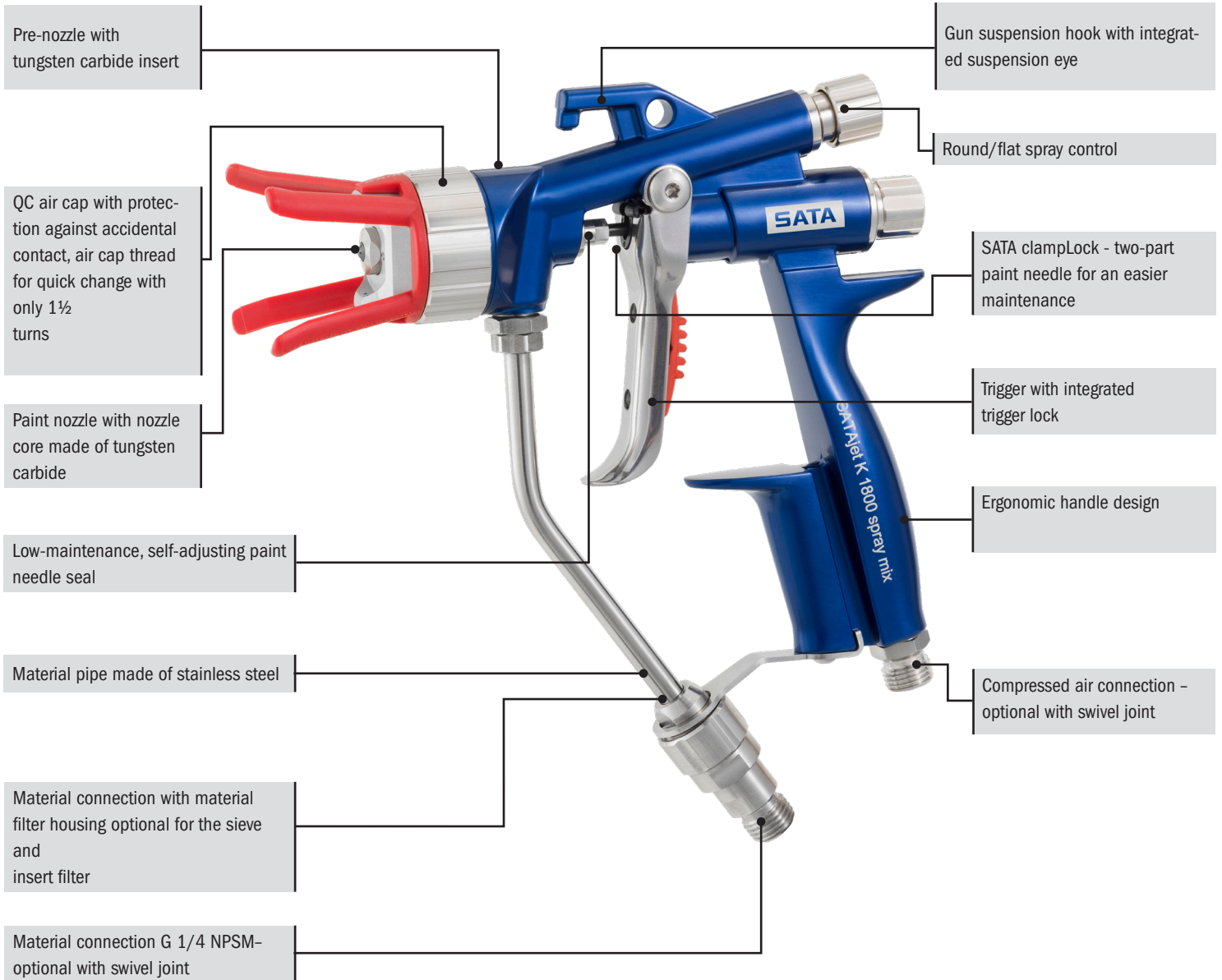
INFO

www.sata.com/satajet-k-1800-spray-mix



SATAjet K 1800 spray mix

The airless nozzle system



Top quality! We guarantee it: for 3 years!



Available versions

The SATAjet K 1800 spray mix is available in three versions and with different nozzle sizes for your individual setup:

You can also retrofit a swivel joint for the material connection as well as for the air connection. This reduces the twisting of the connected hoses and makes the painting process easier.



- without material tube
 - without material filter
 - without paint nozzle
 - Weight: 412 g
- Art. No. 1068023



- with material tube
 - with material filter **short** (100 msh)
 - without paint nozzle
 - Weight: 493 g
- Art. No. 1090076



- with material tube
 - with material filter **long** (100 msh)
 - without paint nozzle
 - Weight: 523 g
- Art. No. 1091454

SATAjet K 1800 spray mix

Article Numbers



Technical Data

Recommended air inlet pressure	variable
Recommended spraying distance	variable
Air consumption	120 l/min
Max. material inlet pressure	250 bar (3626 psi)

Spray gun

1068023

SATAjet K 1800 spray mix - material tube, filter and paint nozzle not included

Spray gun with material filter

1090076

SATAjet K 1800 spray mix with material tube and a **short material filter** for sieve, sieve (100 msh), paint nozzle not included

1091454

SATAjet K 1800 spray mix with material tube and a **long material filter** for insert filter, filter (100 msh), paint nozzle not included

Nozzle No.	Article number	Ø mm	Ø inch	Angle	Width	l/min at 70 bar (1015 psi)	Strainer	Strainer
Paint nozzle								
1840	23044	0.18 mm	0.007 in	40°	18 cm	0.16 l/min		
2325	7328	0.23 mm	0.009 in	25°	14 cm	0.23 l/min	200 msh	85 µm
2350	7435	0.23 mm	0.009 in	50°	22 cm	0.23 l/min	200 msh	85 µm
2360	74922	0.23 mm	0.009 in	60°	24 cm	0.23 l/min	200 msh	85 µm
2825	16998	0.28 mm	0.011 in	25°	14 cm	0.30 l/min	200 msh	85 µm
2850	50906	0.28 mm	0.011 in	50°	22 cm	0.30 l/min	200 msh	85 µm
2865	13771	0.28 mm	0.011 in	65°	26 cm	0.30 l/min	200 msh	85 µm
3325	20206	0.33 mm	0.013 in	25°	14 cm	0.45 l/min	100 msh	150 µm
3350	50898	0.33 mm	0.013 in	50°	23 cm	0.45 l/min	100 msh	150 µm
3365	13789	0.33 mm	0.013 in	65°	28 cm	0.45 l/min	100 msh	150 µm
3375	74930	0.33 mm	0.013 in	75°	32 cm	0.45 l/min	100 msh	150 µm
3390	73742	0.33 mm	0.013 in	90°	40 cm	0.45 l/min	100 msh	150 µm
3825	13797	0.38 mm	0.015 in	25°	15 cm	0.61 l/min	100 msh	150 µm
3850	7344	0.38 mm	0.015 in	50°	25 cm	0.61 l/min	100 msh	150 µm
3882	74948	0.38 mm	0.015 in	82°	34 cm	0.61 l/min	100 msh	150 µm
4650	19307	0.46 mm	0.018 in	50°	25 cm	0.95 l/min	60 msh	250 µm
4682	74955	0.46 mm	0.018 in	82°	35 cm	0.95 l/min	60 msh	250 µm
5370	150276	0.53 mm	0.021 in	70°	33 cm	1.28 l/min	60 msh	250 µm
6050	17004	0.60 mm	0.024 in	50°	31 cm	1.59 l/min	60 msh	250 µm





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