SATA® LP™ Automatic and Robotic Guns

Perfect Surfaces Automatically

Top Class

- Robotic Paint Guns
- Automatic Paint Guns
- Automatic Air Assisted Airless Paint Guns
- Versions for Connecting Nozzle Extensions

Pneumatically controlled paint application systems providing maximum material savings

SATA

Pneumatically controlled precision paint

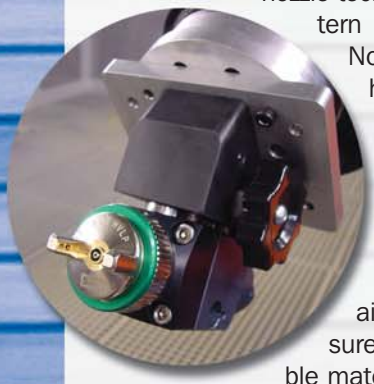
HVLP and RP™: Two choices - one goal

According to VOC legislation, only “state-of-the-art” coating systems with high material transfer efficiency may be used. The future of air-atomizing paint spray gun technology belongs to the HVLP low pressure and the RP (reduced pressure) technology, helping to protect the environment and to reduce more than just the solvent emission. Material savings, also means significant economic advantages.

§ - VOC Legislation

The SATA LP jet K3 HVLP and the SATA LP jet K3 RP fulfill VOC legislation and provide transfer rates significantly higher than 65%.

SATA® LP™ jet K3™ HVLP



The SATA LP jet K3 HVLP ensures top class coating results for perfect surfaces with any material. Innovative nozzle technology provides a uniform fan pattern with maximum transfer efficiency. No atomized air technology provides higher transfer efficiency than HVLP.

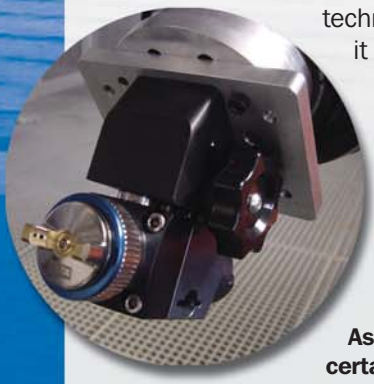
It exceeds by far the legally predetermined limit of 65% making it unrivaled for profitability. Not only does it fulfill HVLP standards recognized worldwide with 10 psi air cap pressure at 60 psi inlet pressure, it also provides the highest possible material savings.

Ask us for the current tests with certain coating materials.

SATA LP jet K3 HVLP
Automatic

SATA LP jet K3 HVLP ROB™
Robotic

SATA® LP™ jet K3™ RP™



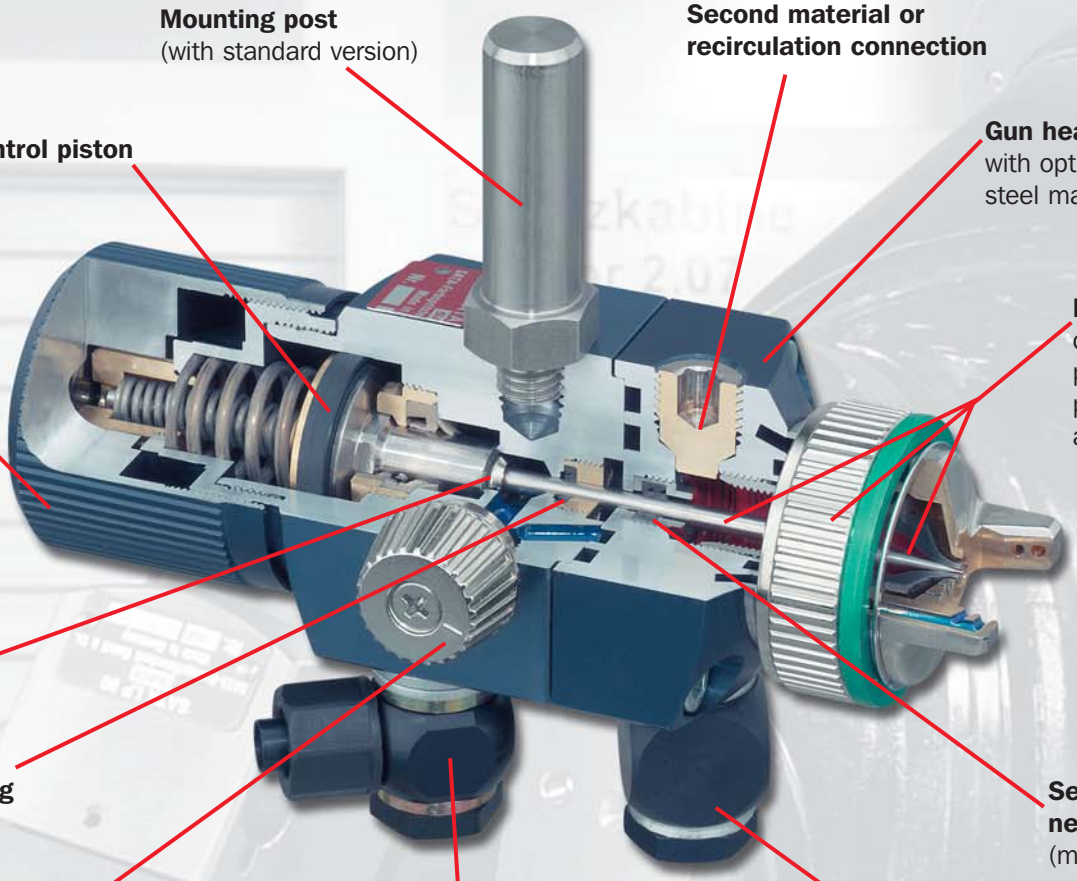
The SATA LP jet K3 RP is a high performance alternative with optimized conventional high-pressure technology. By reducing inlet pressure, it combines the fast working speed of a typical high-pressure gun with over 65% transfer efficiency as required by VOC legislation. The SATA LP jet K3 RP offers the finest material atomization for difficult materials including HS clear coat.

Ask us for the current tests with certain coating materials.

SATA LP jet K3 RP
Automatic

SATA LP jet K3 RP ROB™
Robotic

guns for automated coating processes



Technical Data

Air consumption at 60 psi:	HVLP: 20 cfm • RP: 15 cfm
Inlet pressure:	HVLP: 60 - 68 psi • RP: 52 - 60 psi
Air hose diameter:	min. 3/8 in (ROB min. 1/4 in)
Required control pressure:	45 psi
Maximum permissible material pressure:	75 psi
Maximum material temperature:	120° F / 50° C (ROB 176° F / 80° C)
Material connection:	G 1/4 (outside thread)
Air hose connection (quick closure):	1/4 in, size 8 (10 x 1)
Control hose connection (quick closure):	1/8 in, size 6 (8 x 1)
Diameter of mounting post:	14 mm (standard guns)
Diameter of mounting post drilling:	13 mm (ROB)
Weight:	2 lb cpl. w. connections (ROB 1.36 lb cpl.)
	1.5 lb without connections (ROB 1.2 lb w/o)
Length:	5.7 in. (ROB 5.2 in.)
Width x Height (without mounting post):	3 x 3 in (ROB 1.75 x 3.5 in)

The SATA **quick change adapters** ensure trouble-free servicing.

All variations in the SATA LP jet K3 line are available for robotic use.

Special versions for complex tasks

SATA® LP™ LM™ 2000 RP™

The Multi Task Unit

A versatile, pneumatically controlled automatic gun for almost any coating task. With a wide range of nozzle extensions, up to 10 feet in length, SATA automatic guns are the ideal solution.

For example, the SATA LPS™ R 2000 RP gun may be used for marking rejected parts.

LPS™ RB 2000 RP

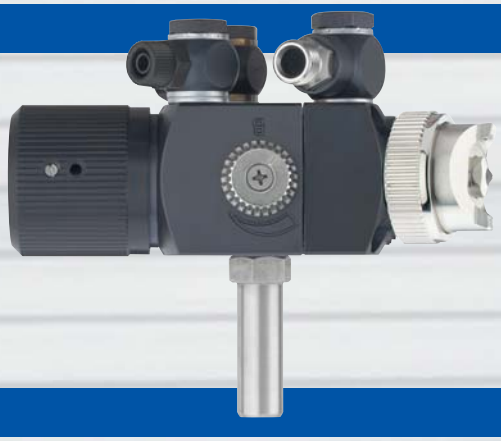
Extensions

SATA® LP™ - Spray Mix

Air Assisted Airless Version For High Performance Material Application

With a great variety of material nozzles, the LP Spray Mix is the perfect automatic gun for all types of objects. It is also convincing because of the low over spray and optimum material transfer efficiency.

The LP Spray Mix system is ideal for coating large metal, plastic, or wood surfaces.



Colored Air Cap Ring made under U.S. Patent No. D-459,432 and under U.S. Patent No. D-459,433

Accessories

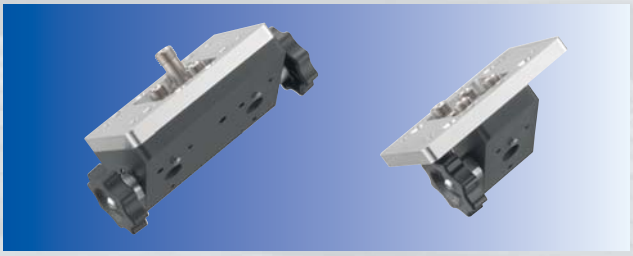
Material Feed Systems

For SATA automatic guns SATA offers a product line of top quality pumps in low and high pressure. Also available are pressure tanks from 2 to 48 liter capacity.

Order numbers and additional information may be obtained by calling Dan-Am Company.

LP Gun Quick Change Adapter

To ensure trouble free service during the production process SATA offers special adapters to reduce robotic gun change-out time to mere seconds. The adapter is available in single gun version or dual version for two guns.



SATA

Your SATA dealer:

#32 LP K3 Auto/ROB Gun 7/03 Printed in U.S.A.