



ASB

Airless Automatic Spray Gun on Base Plate

Accurate high speed Airless applications

Product highlights

- Premium Airless application
- The lightest automatic Airless gun of the market
- Low maintenance cost of ownership

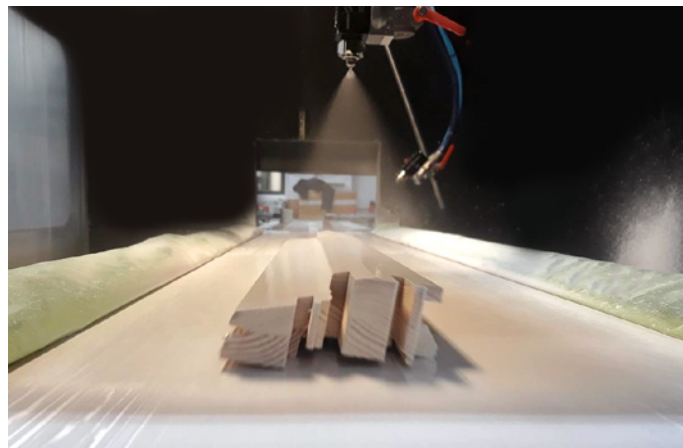


BOND • PROTECT • BEAUTIFY

ASB

Airless Automatic Spray Gun on Base Plate

The ASB automatic spray gun offers superior atomization whatever the line speed thanks to perfect balance between high pressure and high flow rate. It offers precise application - coating applied directly on the target - due to fast response time.



Adapted industrial markets



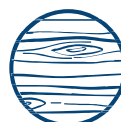
ACE*



Industrial



Transportation



Wood



Railways



Technical data table

Designation	Value	Unit
Maximum Air Pressure	6 (87)	bar (psi)
Trigger Air Pressure	3 (43)	bar (psi)
Optimal Transfer Efficiency	81	%
Theoretical Transfer Efficiency	81	%
Pilot Air Inlet	F 1/8 NPS (base)	
Maximum Material Pressure	240 (3480)	bar (psi)
Weight	0,336 (gun only, without base) (0.74)	kg (lbs)
Maximum Temperature	40 (104)	°C (°F)
Sound Level	78.40	dbA
Certification	II 2G Ex h IIB T6 Gb	
Compatible spray tip	Airless Flat Airless Skill® Airless Tip top	
Seat	carbide	
Material Inlet Port	2x F 1/4 NPS (base)	
Wetted Parts	PTFE, Stainless steel 303	
Body Material	Aluminium	

Marking

Product	Type
ASB	CE 0080  II 2G Ex h IIB T6 Gb

*: "AgricultureConstruction and Earthmoving"



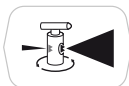
Technologies



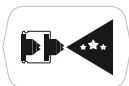
Airless spray technology



GT sealing



Reversible tip



Skill® Tip



Description

Developed for high production rates, ASB guns provide superior atomization at medium to high flow rate and low overspray for minimal paint wastage.

The ASB guns are the lightest automatic Airless guns on base plate, decreasing bearing wear of painting machines due to lightweight gun. Their compact design allows easy access to recessed part areas. They can be fitted with a choice of 184 tips: Skill® super fine finishing Airless tips, Flat for fine finishing, and reversible Tip Top for protective coatings. The simplicity and the quality of the material used guarantees low maintenance costs.

They are well suited for applying harsh coatings (acid catalyst, UV coating), water-based, high viscosity and abrasive materials.

Performances

- 1 - Easy offer, the same gun works in Ω or T version by adding one plug
- 2 - Fast response time and High Speed cycling capability
- The ASB gun is the lightest gun on the market decreasing paint machine wear
- Compact design for easy integration

Productivity

- 3 - Full versatility with other Sames spray guns, only 4 screws to remove
- 4 - Smart operation: trigger indicator located on back of gun
- 5 - Wide range of tips available (Flat, reversible Tip Top and fine finishing Skill™)
- Easy maintenance with simple construction (only 14 parts) for an overall low maintenance costs

Sustainability

- 6 - Two choices of cartridges, PTFE or V-seal energized (also called GT), prevents leakage
- 7 - Optional cartridge lubrication for long term usage
- 8 - Compatibility with full range of bases
- Anodized body for excellent wear resistance
- Stainless steel fluid passages for full compatibility with most coatings



Kits

Designation	Part number
ASB GUN, C/W CEFLA BASE, FLAT SPRAY, PTFE CARTRIDGE	668990200
ASB GUN, C/W CEFLA BASE, FLAT SPRAY, GT CARTRIDGE	668990201
ASB GUN, C/W CEFLA BASE, REVERSIBLE, PTFE CARTRIDGE	668990202
ASB GUN, C/W CEFLA BASE, REVERSIBLE, GT CARTRIDGE	668990203
ASB GUN, C/W BASE, SIDE INLET, FLAT SPRAY, PTFE CART, MAKOR	668990300
ASB GUN, C/W BASE, SIDE INLET, FLAT SPRAY, GT CART, MAKOR	668990301
ASB GUN, C/W BASE, SIDE INLET, REVERSIBLE, PTFE CART, MAKOR	668990302
ASB GUN, C/W BASE, SIDE INLET, REVERSIBLE, GT CART, MAKOR	668990303
ASB GUN, C/W BASE, SIDE INLET, FLAT SPRAY, PTFE CART, SUPERFICI	668990400
ASB GUN, C/W BASE, SIDE INLET, FLAT SPRAY, GT CART, SUPERFICI	668990401
ASB GUN, C/W BASE, SIDE INLET, REVERSIBLE, PTFE CART, SUPERFICI	668990402
ASB GUN, C/W BASE, SIDE INLET, REVERSIBLE, GT CART, SUPERFICI	668990403

Accessories

Designation	Part number
AIRLESS FLAT TIP CALIBER XXXX	0000XXXX
AIRLESS SKILL TIP CALIBER XXXX	0003XXXX
TIPTOP AIRLESS REVERSIBLE TIP CALIBER XXXX	0004XXXX
COMPLETE ATTACHMENT FOR AUTO. GUN ROD D16 + FIXING NUT	049351000
MOUNTING SUPPORT DIA.12MM	049351700
MOUNTING SUPPORT SWIVELING	0493510705
PACKAGE OF SEALS FOR ASB	129990060
PACK OF 2 QUICK CONNECTION FOR LUBRIFICANT CIRCULATION	129990062
EXTENSION AIRLESS SST 500B LG300	175740030
EXTENSION AIRLESS SST 500B LG600	175740060

Spare parts

Designation	Part number
CARBIDE SEAT HOLDER ASSEMBLY	129740040
PACK OF 5 S/STEEL SCREEN NO 4 (100μ) FOR SFLOW/ASC/ASB GUN	129982021
PACK OF 5 S/STEEL SCREEN NO 6 (168μ) FOR SFLOW/ASC/ASB GUN	129982022
PACK OF 5 S/STEEL SCREEN NO 12 (280μ) FOR SFLOW/ASC/ASB GUN	129982023
GT CARTRIDGE-CARBIDE NEEDLE END ASSEMBLY	129990040
PTFE CARTRIDGE-CARBIDE NEEDLE END ASSEMBLY	129990050
PTFE CARTRIDGE-PEEK NEEDLE END ASSEMBLY	129990070
GT CARTRIDGE-PEEK NEEDLE END ASSEMBLY	129990080

Equipment

Designation	Part number
BASE PLATE SIDE OUTLETS CIRCULATION IN BASE	129690070
BASE PLATE REAR OUTLETS CIRCULATION IN BASE	129690080
() CEFLA BASE SIDE OUTPUTS CIRCULATION IN BASE	129690090
BASE PLATE SIDE OUTLETS CIRCULATION IN GUN	129691070
BASE PLATE REAR OUTLETS CIRCULATION IN GUN	129691080
SEMI-ROBOTIC BASE 60° - OMEGA - FAN CONTROL- NO FILTER	129691161
SEMI-ROBOTIC BASE 60° - T - WITH FILTER	129691170
SEMI-ROBOTIC BASE 60° - T - FAN CONTROL- WITH FILTER	129691171
ASB 240 PTFE CARTRIDGE FLAT TIP GUARD W/O BASE	129990200
ASB 240 GT CARTRIDGE FLAT TIP GUARD W/O BASE	129990300
ASB 240 PTFE CARTRIDGE REVERSIBLE TIP GUARD W/O BASE	129990400
ASB 240 GT CARTRIDGE REVERSIBLE TIP GUARD W/O BASE	129990500



Additional information

• User manual

• Spare parts

• Accessories

• Documents

• Videos



Sames

13 chemin de Malacher
CS 70086 - 38243 MEYLAN Cedex - FRANCE
Phone: +33 (0)4 76 41 60 60
www.sames.com



Sames reserves the right to modify its equipment or specifications without further notice.
Document, products and pictures shown are not contractual.

11/2025