



## A29 HTI

Automatic Airspray Gun

### Product highlights

- High transfer efficiency "compliant"
- Large fluid passages for hard-to-spray materials
- Extended range of models for all applications



**BOND • PROTECT • BEAUTIFY**

## A29 HTI

### Automatic Airspray Gun

Automatic, compact, lightweight airspray gun available in HVLP and LVLP spray technologies. The ultimate solution for compact, high-solid content materials.

### Adapted industrial markets



Automotive



Industrial



Transportation



Railways



### Technical data table

| Designation                     | Value                       | Unit       |
|---------------------------------|-----------------------------|------------|
| Maximum Air Pressure            | 6 (87)                      | bar (psi)  |
| Trigger Air Pressure            | 3 (43.5)                    | bar (psi)  |
| Recommended Air Pressure        | 2 à 2.5 (29 à 36)           | bar (psi)  |
| Optimal Transfer Efficiency     | 72                          | %          |
| Theoretical Transfer Efficiency | 72                          | %          |
| Pilot Air Inlet                 | Elbow fitting for hose 4x6  |            |
| Atomizing Air Inlet             | Elbow fitting for hose 8x10 |            |
| Maximum Material Pressure       | 6 (87)                      | bar (psi)  |
| Air Consumption                 | 21 to 31 (12 to 18)         | m3/h (cfm) |
| Weight                          | (1.29)                      | kg (lbs)   |
| Weight                          | 585                         | g (oz)     |
| Maximum Temperature             | 50 (122)                    | °C (°F)    |
| Material pH rate                | 5 - 8                       |            |
| Certification                   | II2G Ex h IIB T6 Gb X       |            |
| Material Inlet Port             | 2 x M 3/8 NPS               |            |
| Wetted Parts                    | PTFE, Stainless steel 303   |            |
| Body Material                   | Stainless steel             |            |
| Maximum Fluid Temperature       | 50 (122)                    | °C (°F)    |

### Marking

| Product | Type                                                                                                              |
|---------|-------------------------------------------------------------------------------------------------------------------|
| A29 HTI | CE 0080  II2G Ex h IIB T6 Gb X |



---

## Technologies



Airspray HTI



---

## Description

A29 HTI is HVLP compliant, but with a faster spraying speed.

## Performances

- Index knob adjustments of fluid output allows for precise output accuracy
- Fan width control delivers a high quality finish & fan pattern optimization
- Precise machining of aircap delivers rigid fan control

## Productivity

- Reduced overspray delivers fast ROI (Return on Investment) & material savings
- 0-90° indexed aircap allows for easy & fast adjustment of fan pattern
- Easy mounting & assembly for reduced downtime
- Side output for easy mounting on automatic systems

## Sustainability

- Guaranteed needle sealing by self-adjusting cartridge
- Hard treated needle & wetted parts in stainless steel or treated stainless steel for increased lifetime
- Reduced overspray decreases spray booth maintenance
- Brass nickel plated aircap ensures high resistance to water-based materials

## Accessories

| Designation                                            | Part number |
|--------------------------------------------------------|-------------|
| FAN PATTERN CONTROL CONNECTOR - F 1/4 BSPP             | 029697003   |
| PROJECTOR 07E3 KHVLP                                   | 031300001   |
| PROJECTOR 09E3 KHVLP                                   | 031300002   |
| PROJECTOR 12E3 KHVLP                                   | 031300003   |
| PROJECTOR 15E3 KHVLP                                   | 031300004   |
| PROJECTOR 18E3 KHVLP                                   | 031300005   |
| PROJECTOR 07 EP3                                       | 031300006   |
| PROJECTOR 09 EP3                                       | 031300007   |
| PROJECTOR 12 EP3                                       | 031300008   |
| PROJECTOR 15 EP3                                       | 031300009   |
| PROJECTOR 18 EP3                                       | 031300010   |
| PROJECTOR 06 EP3                                       | 031300011   |
| PROJECTOR 06E3 KHVLP                                   | 031300012   |
| NEEDLE 06-07-09-12                                     | 033300100   |
| NEEDLE 15-18                                           | 033300200   |
| COMPLETE ATTACHMENT FOR AUTO. GUN ROD D16 + FIXING NUT | 049351000   |
| MOUNTING SUPPORT SWIVELING                             | 0493510705  |
| A29 AIRSPRAY GUN SEAL KIT                              | 129310901   |
| AIRCAP E3 KHVLP                                        | 132300100   |
| AIRCAP EP3                                             | 132300300   |
| NOZZLE 06                                              | 134130050   |
| NOZZLE 07                                              | 134130100   |
| NOZZLE 09                                              | 134130200   |
| NOZZLE 12                                              | 134130300   |
| NOZZLE 15                                              | 134130600   |
| NOZZLE 18                                              | 134130700   |

## Equipment

| Designation                                      | Part number |
|--------------------------------------------------|-------------|
| A29 HTI GUN WITHOUT PROJECTOR WITHOUT BASE PLATE | 129310000   |
| A29 HTI GUN 07 E3 KHVLP                          | 135310001   |
| A29 HTI GUN 09 E3 KHVLP                          | 135310002   |
| A29 HTI GUN 12 E3 KHVLP                          | 135310003   |
| A29 HTI GUN 15 E3 KHVLP                          | 135310004   |
| A29 HTI GUN 18 E3 KHVLP                          | 135310005   |
| A29HTI GUN 07 EP3                                | 135310006   |
| A29 HTI GUN 09EP3                                | 135310007   |
| A29HTI GUN 12 EP3                                | 135310008   |
| A29 HTI GUN 15EP3                                | 135310009   |
| A29 HTI GUN 18 EP3                               | 135310010   |
| A29 HTI GUN 06EP3                                | 135310011   |
| A29 HTI GUN 06 E3 KHVLP                          | 135310012   |



### 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