



Automatic spray gun KAA 1300



Technical data

Operating pressures /

Operating temperature

- Max. material pressure: 10 MPa (250 bar)
- Stainless version: 40 MPa (400 bar)
- Max. material temperature: 50°C
- Min. control air pressure: 0.4 MPa (4 bar)
- Max. temperature of control air: 50°C

Connections

- Material: G 1/4 IG
- Control air: G 1/8 IG

Weight

- without add-on parts: approx. 300 g

Brief description

The Krautzberger automatic spray gun KAA 1300 is designed for automatic coating of surfaces such as metal, plastic, ceramics, wood and similar materials as well as other substrates. Typical coating materials include paints, dyes, water-soluble paints, adhesives, oils, release agents etc. The KAA 1300 gun can also be used to process abrasive coating materials at operating pressures below 5 MPa (50 bar).

Mode of operation

The spray gun works on the "airless" principle – in other words, the spray jet is generated solely by the material pressure that ejects the material through a nozzle. After exiting the nozzle, the spray jet takes on the shape dictated by the nozzle. The jet is directed at the workpiece, and depends on the particular type and size of chosen airless nozzle. We offer standard type airless nozzles and

"Super Finish" for high class finishing as well as maximum efficiency.

The particles of the spray jet reach far higher speeds than with spray guns driven by compressed air. Accordingly, the material throughput is higher and the jet more focused (in other words, the swirling zone is smaller). The size and shape of the jet can only be altered by changing the nozzle. The diameter of the nozzle bore determines the material flow volume, while the size and geometry of the elliptically shaped nozzle opening determine the height and width of the fan (shape of an elliptical cone).

The nozzle can be rotated through by 360° in the axis of the spray jet and arrested in any position. This permits optimum adjustment of the angle at which the jet hits the workpiece to the prevailing conditions.

Special Information

The KAA 1300 is a very light and simple designed airless spray gun. This low maintenance gun typically operates at lower pressure than most airless spray guns (about 45–55 bar or 650–800 psi). We offer a wide range of "Super Finish" nozzles with a pre-atomization disc which results in decreased velocity and very fine atomization. You also have the option for an internal fluid filter. An additional plus over air-assist guns is you only need two connections – trigger and material. Stainless steel version available for water based liquids. High quality finishing and all advantages of the airless technology like high performance of material flow rate and quick coverage of big surfaces.



Visit us on our YouTube channel.

Krautzberger GmbH
Stockbornstraße 13
D-65343 Eltville am Rhein
Telefon: +49 (0) 6123 698-0
Telefax: +49 (0) 6123 698-200

mail@krautzberger.com
www.krautzberger.com
Sales hotline
Phone: +49 (0) 6123 698-222
Fax: +49 (0) 6123 698-240