

Technical Data

Compression Sprayers

	PRO 5, oil resistant	PRO 8, oil resistant	AIRSTAR STRATOS 5
Max. filling capacity	5ltr.	8ltr.	5ltr.
Total tank contents	7ltr.	12,2ltr.	7ltr.
Max. working pressure (bar)	3 bar	3 bar	3 bar
Max. working temperature (+°C)	40°C	40°C	40°C
Safety feature	Safety valve / Venting valve		

Manometer

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Nozzle

1mm hollow conical nozzle, 0 - 60°

Spraying angle of nozzle

max. 60 degrees

Repulsion power at the nozzle

smaller than 5N

Spray picture	Borehole	Spray angle	Rate of flow/min. with pressure (bar)			Mark, Material Colour	Opt. spraying pressure	
			1,5	2,0	2,5			3,0
Hollow cone	1mm	0 - 60°	0,33	0,43	0,49	0,54	brass	1,5 - 3

Max. output in case of constant pressure of 3bar = 3,1 l/min. (3mm nozzle)

Special accessories to be asked for at special trade.

Spray tube extensions up to 1 meter in length can be used.

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Important Safety Instruction

Repairs of GLORIA house and gardening equipment are only to be done by GLORIA after-sales-services. Spare parts should be ordered by GLORIA special trade. If parts are out of stock, the special trade will get them as quick as possible.

- These special GLORIA oil resistant pump spray units are designed to spray liquids and are suitable for private, professional and industrial applications.
- Use only unadulterated, commercially available products for spraying. Mixing different products may result in unforeseeable, dangerous chemical reactions. Do not fill the tank with alkaline substances with a pH value ≤ 5 or with solvents or highly corrosive agents.

- Safety notices provided by the manufacturer of the liquid being sprayed are to be heeded. Some spray units require the use of breathing masks, protective glasses, protective gloves or other precautionary measures.
- Do not use flammable explosive compounds. Exception: in areas where there is no danger of explosion. Then comply with the pertinent regulations governing explosive and/or flammable fluids. Keep away from sparks. Do not smoke when using. Use spray unit only in well ventilated places.
- Check that spray unit functions properly before each use, especially that the screw terminal and screwed connections are tight. Check material for cracks, brittleness and corrosion.
- Do not expose the filled tank to strong sunshine for any long period of time. Operating temperatures must not exceed 40°C. Protect unit against frost.
- Only use original GLORIA spare parts for repairs.
- As a precautionary measure, we recommend that the pump spray unit be subjected to a particularly thorough inspection every two years,

preferably by the manufacturer. Repairs to the tank are not permitted.

- Repairs should only be carried out by GLORIA Service Stations.
- Clean tank thoroughly immediately after use and then dry completely.
- As far as possible, apply environmentally harmful agents as close to the target as possible (direct application), and store any unavoidable residue in an appropriate container until it can be properly disposed of.

● **Attention!**

Regarding the law of product liability, we particularly point out that we are not liable for damages caused by our device as far as these damages have been caused by improper repair or by a part replacement when GLORIA original parts are not used, and when the repair has not been carried out by the after-sales-service or by an authorized expert. This concerns the accessories, too.

Assembling instructions

- **Fig. A:** Install the spray tube into the quick-action valve.
- **Fig. A*:** Screw the hose into the quick-action valve.
- **Fig. B:** Guide the diagonally-cut riser tube **1** into the small connecting hole in the cover of the tank and press it down firmly. Push the hose connecting nut up to the first thread of the connector and tighten it up carefully. Finally, press the hose into the hose holder **2** in the filler funnel.
- **Fig. C:** PRO 5/8 spray units
Insert the safety valve into the large connecting hole in the cover of the tank and tighten it up carefully.

*Some units are equipped with a different type of quick-action valve that has a built-in hose.

Assembly of carrying strap: PRO 5, AIRSTAR STRATOS 5

● **Fig. D**

Carrying strap to be fixed onto suspension hooks of the tank with the inside punchings. In order to secure the hold, the excess end is to be bended and fixed with the outside punchings.

Assembly of carrying strap PRO 8

● Fig. E

Operation



- Remove the pump by turning it to the left. Before doing this release pump rods, turn them 180° and transmit the screw force via the back of the zwistlocks on the pump housing.
- Filling of the container. **Attention!** Max. liquid capacity (see technical data) and the correct dosage of the chemicals manufacturer have to be observed.
- Re-insert pump and tighten.
- Operate pump until a working pressure of 3 bars is reached. The maximum operating has been reached in the case of units without a pressure gauge when the built-in safety valve audibly begins to blow off.
- For spraying press down the operation lever at the valve body. When releasing the lever the output will be interrupted.

Emptying and Service

- Any residual pressure in the tank can be vented by lifting up the knob on the safety valve (only for PRO 5/8 spray units). In the case of the STRATOS 5 unit, the pressure is released by the quick-action valve when the handle is operated. If there is still some of the spraying liquid inside the tank, turn the unit upside down and then press the handle.
- The pump will be carefully, at first only a few turns by lefthand rotation screwed off, so that the compressed air being still in the tank can deflate.
- After use clear apparatus carefully and dry it in open state.
- The working life will be extended when greasing the washers and collars sometimes. Only use resin- and acid-free grease.
- **For easy cleaning and safe neutralization of remaining liquid is recommended to use GLORIA special powder, art.-no. 263.0000.**
- **Important!** Above-average use due to manner of operating (including the transport to the place of operation and the storage when not using the sprayer), influences of the surround

ings (of the place of operation and the storage place), inadequate maintenance and care may lead to an early wear of the sprayer. Therefore, the sprayer should be checked for secure and serviceable state before use. It should at least be checked for externally visible damages.

Especially when there occur damages which endanger the security, at least however after 2 years, the sprayer should specially be examined by one of the manufacturer's service stations.

Declaration of conformity for one group of components in the sense of Art. 3, § 2 of the guide line for pressure sprayers 97/23/EG

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We herewith confirm that those parts exposed to pressure

Typ PRO 5, oil resistant
Art.-Nr. 80....

Art.-Nr. 81....

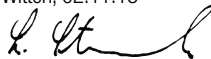
Typ AIRSTAR STRATOS 5
Art.-Nr. 179...

comply with the directive 97/23/EG,
Art. 3, § 3.

The 8 l pump spray unit comply with the directive 97/23/EG, Category I – Module A.

Typ PRO 8, oil resistant
Art.-Nr. 92....

Witten, 02.11.15



Ludger Strunk
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