

MATABI

YOUR PARTNER
FOR ACCURATE SPRAYING

- AGRICULTURE + FARMING
- PROFESSIONAL LANDSCAPING
- LAWN + GARDEN



Goizper Spraying

GOIZPER SPRAYING NORTH AMERICA, INC.

Why Matabi Sprayers



- International experience nearly 60 years designing and manufacturing of Sprayers.
- New state of the art warehouse and office located in Massachusetts provides a wide range of all types of sprayers.
- All sprayer tanks are injection molded which gives a wider variety of design shapes and sizes.
- Injection molded tanks maintain their level of toughness which prevents leakage.
- Our pressure regulators and wide range of nozzles guarantee a more accurate spraying pattern.
- Translucent and metered tanks makes it economical and easy to monitor fill levels.
- We are constantly researching different designs, and technology to guarantee precise spraying.

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The origins of **GOIZPER S. Coop.** go back to 1959 in the municipality of Antzuola in Guipuzcoa, Spain against the background of the greatest European industrial cooperative movement, originated in Mondragon.

Goizper has undergone a significant growth over the years, making it a group structured around different business activities:

◆ **Goizper Industrial**

International technology leader in the design, manufacturing and marketing of power transmission solutions and automation for various industries: machinery, presses, packaging, automotive...

◆ **Goizper Biotechnology**

Experts in research, development and formulation of sustainable solutions for crop protection, environmental and food safety being environmentally friendly.

◆ **Goizper Spraying**

Experts in the design, manufacturing and marketing of manual sprayers and dusters for agriculture, gardening, industry, construction, automotive, professional cleaning and disinfection, public health, vector control and animal health treatments among others.

Our slogan **“Your partner for accurate spraying”** responds to our extensive experience of more than half a century in the market and the high degree of knowledge and expertise in the manufacturing of sprayers.

The concept of **Innovation**, is one of the pillars of the strategy of **Goizper** when designing sprayers which incorporate new features and improvements to make easier the work of the user maintaining **the efficiency and**

effectiveness in the phytosanitary treatments.

When developing our products, the experience of the users and the search in finding ergonomic, functional and safe solutions, are a priority.

It is our customer’s satisfaction which backs us up and the reason why we continue working for continuous improvement.

Goizper is the only Spanish manufacturer and homologated supplier participating in the International Committee in charge of setting manual sprayers regulations and standards for global organizations such as FAO, WHO or ISO/TC23.

Goizper has its own **Technology Center for Research, Development and Innovation** - where value is generated through technological research and efficient and sustainable innovation is undertaken to find integrated solutions and product improvement.

1. **Design and processing of plastic parts** (analysis of geometric, combinations materials, functionality and manufacturability parts performance, simulation and instrumentation for the design and study of fluid behavior...).
2. **Development of specific applications in different environments** (cotton, cocoa, coffee, vector control, construction, paint, gardening, automotive ...).

We develop technological solutions which ensure the quality of the products rationalizing the use and minimizing the impact of the phytosanitary treatments and being environmentally friendly.





Backpack SPRAYERS

We offer a wide range of models with capacities of 3, 4 and 5 gallon, in which great care has been taken regarding ergonomics, functionality, technology, aesthetics and the latest requirements for distribution (attractive packaging, 5 year warranty, availability of accessories, spare parts in blister packs etc).

Suitable for use in cultivated plots up to large-scale intensive industrial use as they meet the needs of both amateurs and the most demanding professional user. The pressure is produced by vertical movements of the pump lever which compresses air in the pressure chamber.

Pressure REGULATOR

To obtain a good spraying coverage, it is essential to have a pressure regulator.

Using the pressure regulator (standard feature in all Matabi backpack sprayers), the following are the benefits for the user:

- **Effort saving** (reduction of pumping frequency in manual devices) making the spraying process easier.
- **Product and water savings.** Thanks to the pressure regulator, the spraying remains constant and it is environmentally friendly, using just the product needed according to spraying parameters.
- **A more controlled, effective and accurate treatment.**



- 1.5 bar function:
- Herbicide.
(with deflective-fan nozzle).



- 3 bar function:
- Insecticide-fungicide.
(with hollow cone nozzle).

Backpack SPRAYERS

General characteristics



1. Pressure regulator.
2. Large filter with viton seals in the wand handle and rustproof spring.
3. Shut-off handle fastener.
4. Screw-on hose connections to the handle and the chamber without clamps.
5. Attachment clip for the pump lever, wand and arm, for easy transport and storage.
6. Wide filling mouth. Cover with anti-drip valve.
7. Wide, deep filter in filling system with contents indicator.
8. Lubricated screw-on guide with sealing washer.
9. Pump lever with ergonomic handle.
10. Adjustable padded straps.
11. Translucent level indicator.
12. High-capacity, very strong pressure chamber.
13. 3 ft. fiberglass wand with cone nozzle
14. Mechanical stirrer with a device for mounting the closing valve.
15. Synthetic seal (viton in Evolution 20 Super model). Replacement seals, one rubber, one synthetic.
16. Reversible, to be used with either hand.
17. Stainless steel balls in the valve and sleeve.
18. Strong tank with carrying handle, and a lightweight, ergonomic design thanks to the back separator. Internal tank reinforcements via structural rib.
19. Full-width base, shockproof and rustproof.
20. Connector for accessories. Orientable wand.
21. Adjustable cone nozzle.
22. Wide spectrum nozzles set (herbicides, insecticides and fungicides).
23. 3 oz. Goizper dosage measuring jar.
24. "Comfort" dust proof mask.



EVOLUTION 12, 16 & 20 SUPER

- 3, 4 & 5 Gal useful capacity
- FPM, Viton Seals
- Lightweight injection molded tank
- Chamber system inside tank
- Translucent side level indicator
- Three setting pressure regulator
- Flexible fiberglass wand
- Stainless steel handle
- Complete set of nozzles
- 5 yr. warranty

* Only available with the 20 Super
High performance hose
4 hole nozzle

Item#	Model	Description	Useful Capacity	Pack Qty.	Gross Weight
84949	Evolution 12	Matabi Injection Molded Backpack Sprayer	3 Gal.	1	8lbs.
84941	Evolution 16	Matabi Injection Molded Backpack Sprayer	4 Gal.	1	9 lbs.
84948	Evolution 20 Super	Matabi Injection Molded Backpack Sprayer	5 Gal.	1	10 lbs.



Compression SPRAYERS

Ideal to be used outdoors, from balconies and terraces to cultivated plots and gardens of medium and large size and for crops that, due to its application technique or the difficulty of the terrain, require the hands to remain free and/or do not allow much weight to be carried on the operator's back.

The useful capacity of these models is approximately two thirds of the total volume, since the remaining third must be left available for compressed air. Once pressurised, and after repeatedly operating the pressurization handle several times (18 to 24 times depending on the model) treatment can start.



Compression SPRAYERS

General characteristics



1. Screw-on hose connections to the handle and the tank without clamps.
2. Large filter with viton seals in the wand handle and rustproof spring.
3. Minimum effort ergonomic handle.
4. Operating and carrying handle, soft and pleasant to the touch.
5. Wide funnel-shaped filling mouth.
6. Fiberglass wand.
7. Safety valve. Automatic release of excess pressure.
8. Pressure release slot. Safety system.
9. External level indicator.
10. Polypropylene tank, lightweight and very strong.
11. Attachment clips for wand and hose for easy transport.
12. Shoulder transport strap, wide, strong, adjustable and rustproof.
13. Connector for accessories. Orientable wand.
14. Adjustable cone nozzle.
15. Illustrations showing start-up and use. (In-mould technology).
16. Easy and complete emptying of the tank.
17. Viton closing valve in the pressure chamber.
18. Wide base.



BERRY 7



POLITA 7



KIMA 9 & 12

- 1 Gal useful capacity
- Translucent tank to view contents level
- Extra handle for easy transport and filling
- Ergonomic handle with filter equipped with Viton seal and rustproof spring
- Ergonomic safety valve and pressure level indicator
- No locking system on handle for safety
- Instructions and maintenance on back label

- 1 Gal useful capacity
- Liquid level indication through a transparent hose
- Easy emptying through lower connection of the tank
- Adjustable cone nozzle and accessory adapter
- Automatic green & red release valve
- Can't over pressurize, will release at 45 PSI
- Hose on bottom of tank

- 1.5 & 2 Gal useful capacity
- Pressure regulator on wand
- Adjustable cone nozzle and accessory adapter
- Hose reel incorporated in the base
- Foot rest to hold down during pressurizing
- Double strap system for Backpack carrying position
- Complete set of nozzles

Item#	Model	Description	Useful Capacity	Pack Qty.	Gross Weight
81847	Berry 7	Matabi Translucent Compression Sprayer	1 Gal	1	4 lbs.
82840	Polita 7	Matabi Clear Hose Compression Sprayer	1 Gal	1	3 lbs.
83808	Kima 9	Matabi Professional Gardening Compression Sprayer	1.5 Gal	1	5 lbs.
83812	Kima 12	Matabi Double Strap Compression Sprayer	2 Gal	1	6 lbs.

Battery Operated Electric SPRAYERS



General characteristics **E+ NG (new generation) sprayer**

1. Total Capacity: 4.25 Gal. useful capacity 4 Gal.
2. Lightweight and ergonomic design incorporates adjustable padded straps with a pocket.
3. Carrying handle built into the straps.
4. Fiberglass wand with blue adjustable cone nozzle.
5. Pressure regulator integrated in the handle. Working pressure: 22 PSI (herbicides), 45 PSI (fungicides and insecticides).
6. Diaphragm pump. Suitable for wettable powders.
7. Translucent tank with level indicator.
8. New ergonomic handle.
9. Agitator function.
10. Easy to use, modular: tank/pump/hose/handle assembly.
11. Working autonomy: Sprays for 8 continuous hours on a single charge
12. Battery located in waist band for safety
13. 3 year warranty



EASY+ electrical battery sprayer

1. Total capacity: 1.25 Gal. useful capacity 1 Gal.
2. Easy to use, effortless by simply pressing the compressor switch. The Sprayer is automatically pressurized and ready to be used.
3. Electric battery: The Easy+ Sprayer includes a standard electric battery charger and 4 rechargeable batteries, type C. (Use only rechargeable batteries).
4. Constant pressure by charging the battery 8 hours. Over 5 gallons are sprayed at a constant pressure.

Hand Held Compression and Trigger SPRAYERS



BERRY 1.5



- 35 oz useful capacity
- Translucent tank
- Safety valve
- Viton closing valve
- Adjustable cone nozzle
- Automatic pressure release



CY 1000

- 25 oz useful capacity
- Translucent white bottle























Multi-Color 1000

- 25 oz useful capacity
- Translucent blue and green bottles

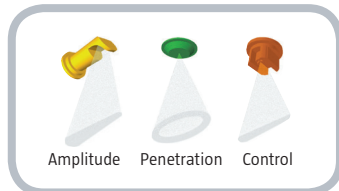
Item#	Model	Description	Useful Capacity	Pack Qty.	Gross Weight
83043	E+NG	Matabi Battery Operated Electric Backpack Sprayer	4 Gal	1	16 lbs.
83140	Easy Plus	Matabi Battery Operated Electric Hand Held Sprayer	1 Gal	1	12 lbs.
81841	Berry 1.5	Matabi Hand Held Compression Sprayer	35 oz.	6	6 lbs.
841426	CY 1000	Matabi Hand Held Trigger Sprayer	25 oz.	24	8 lbs.
84160	Multi-Color 1000	Matabi Hand Held Trigger Sprayer	25 oz.	24	8 lbs.





Optional Accessories

List of suitable accessories available for MATABI sprayers. The instruction booklet for each model specifies which accessories can be used with each model.

Image	Item Name	Item Number	Image	Item Name	Item Number
	Conical Hood	83440931		Flexible Double Nozzle	83460936
	Rectangular Hood	83440930		20 in. Extension	83460932
	Normal Herbicide Nozzle	83460934		Standard Wand	83460943
	Pressure Regulator	83447900		Telescopic Wand	83540912
	Shoulder Pads	83460941		126 in. 10-1/2 ft. Telescopic Wand	83540913
	Pressure Gauge Manometer	83447911		Front Quadruple Nozzle	83460933
	Nozzle Set	834468151		60 in. Extension	83460901
	Low Volume Herbicide Nozzle	83460935		40 in. Extension	83460900
	10 in. Flexible Tube	83460937		Extensible Double Nozzle	83460942
	Belt	83460945		Telescopic wand	83460938

NOZZLES



Even fan nozzle- FE	
Low drift fan - LD	
Deflective-D	
Hollow cone - HC	
Air induced - AI	
Special - Esp.	

The selection of the right nozzle is essential for an accurate phytosanitary treatment.

It is considered that the biological effectiveness of a treatment will depend largely, on the coverage and droplet size obtained by the nozzle.

For a good selection of nozzles, it is important to take into account the following criteria:

1. Select the suitable droplet size.
2. Select the nozzle according to the spray pattern, spray volume and user speed rate.
3. Select the operating pressure using the pressure regulator that Gozper includes as a standard feature in all its Matabi backpack sprayers.
4. Verify the spray pattern and flow rate.

Making the most of the spraying is easy with the nozzle range developed by Gozper; specific nozzles for herbicides, insecticides and fungicides. (Request specific nozzles catalogue).

SPECIFIC SOLUTIONS FOR CROPS



The experience and years of work of the Technical-Sales Team travelling to more than 100 countries, along with the research and analysis of Goizper's R+D+i Department, has led to the development of a pressure regulator together with a broad range of nozzles and accessories.

The right mixture of these elements, offer the market solutions tailored to the needs of each crop, such as for example, Fruits, Vegetables, Plants, Flowers, Cotton and Coffee..

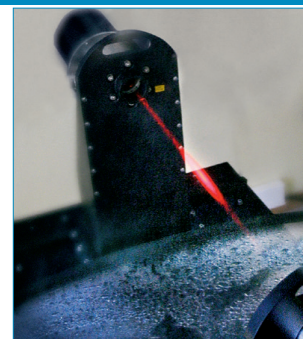
QUALITY - WARRANTY

Goizper S. Coop. has the ISO-9001:2000 Certificate, which covers the process and control of Total Quality from the conception of our products to its after-sales service.

In our own R+D+i center – we analyse and test the quality and results of the sprayers.

Sure of the excellence of our products, we offer 2 to 5 years of warranty in most of our sprayers.

The sprayer selection must be made within the parameters of suitable functionality, efficiency and accuracy.



INTERNATIONAL PRESENCE

Goizper's international leadership is based on a powerful commercial network having 10 subsidiaries and own local sales offices as well as an extensive distribution network in over 100 countries on the 5 continents. This ensures a personalised and professional attention according to the characteristics and needs of each market.



TERMS OF USE AND MAINTENANCE

Through these pages we have attempted to introduce you into the world of manual sprayers and dusters, thus illustrating Goizper's significance as a manufacturer in this field.

As regards to our customers' satisfaction, it is our belief that it is essential that all our sales centers have permanent and sufficient stocks and spare parts. Likewise, the Technical Assistance Service (SAT) with trained and prepared

personnel is another of the ongoing objectives for Goizper, ensuring the proper maintenance during the lifetime of their equipment for our customers.

Below, you will find the basic rules that should be observed for a safe and correct application of the products that can be used with our sprayers.

1 Maintenance to prolong the life of the sprayers



All our manual sprayers and dusters are designed to be used with herbicides, insecticides and fungicides. In addition to this, our industrial sprayers are designed to be used with various chemical products, oil-based products, diluted acids ...

After each use depressurize the sprayer and clean it with water.

If the nozzle becomes blocked, clean it with water and do not use metallic objects. If the filter of the handle is clogged, remove it and clean it with water.

Store the sprayer under cover, avoiding freezing temperatures and extreme heat.

To prolong the life of the seals, regularly apply a few drops of oil or grease to the moving parts.

2 Efficient and effective application



Always follow the instructions and the dosages recommended by the manufacturer on the labels of the treatment product to be used.

When using insecticides or fungicides, use the cone nozzle at a pressure of 30-45 psi.

The results of the treatments will be much more efficient with a fine spray, to reach all parts of the crops treated, also under the leaves.

When spraying herbicides, use a herbicide nozzle at a pressure of 22 psi to avoid drift.

Note: If the same sprayer is used for herbicides, insecticides and/or fungicides, it is important to wash the entire sprayer including hoses and tubes, before and after each treatment.

3 Safety rules and uses



To avoid any contamination with the product, do not eat, drink or smoke while handling the treatment products.

Do not use the sprayer on persons, animals, or electric installations.

Do not spray with high winds or extreme heat.

In the event of poisoning, see your doctor, taking the treatment product packaging with you.

Never dispose of waste product or cleaning residues near water courses, wells, etc. intended to be used for human or animal consumption.

Use suitable protective equipment, masks, goggles, gloves, footwear ..., to avoid contact of the treatment products with skin, eyes and mouth.

MĀTĀBĪ

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