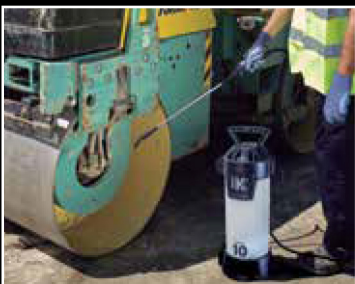


ik

BY EXPERTS
FOR EXPERTS

CONSTRUCTION
INDUSTRIAL
AUTOMOTIVE
JANITORIAL / SANITATION
WORKSHOPS



 **Goizper Spraying**
GOIZPER SPRAYING NORTH AMERICA, INC.

WWW.GOIZPERNA.COM

Why IK Sprayers



- Over 60 years in the design and manufacturing of high quality Sprayers.
- The IK Industrial Sprayer range has been specially designed to meet the needs of Professional Sectors such as: Industrial, Construction, Automotive, Janitorial and Sanitation.
- **New state of the art warehouse and office located in New Bedford, Massachusetts, U.S.A.**

- The IK Sprayers come with FPM, Viton seals and washers.



- The Polypropylene and Polyethylene Tanks are all heavy duty injection molded.
- The wider mouth and funnel opening create an easy filling process, and easy cleaning process.
- Our Metal Sprayer line is made from extremely heavy duty steel, and stainless steel.
- All our Metal Sprayers are equipped with heavy duty Pressure Gauges.
- All IK hoses are made of strong PVC and are flexible.
- All IK Sprayers come with Pressure Relief Safety Valves.

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Goizper Group Growing through cooperation



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.

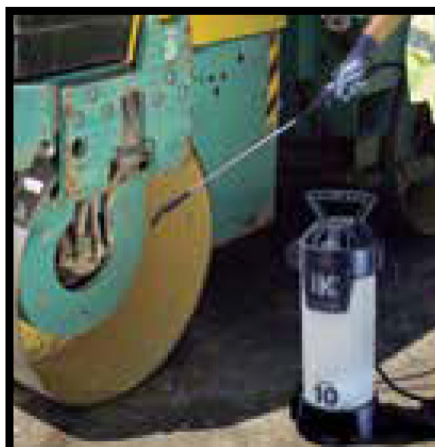
It is our customer’s satisfaction that backs us up, and the reason why we continue working for continuous improvement.

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 FAD, 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).
- 1. 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.



INDUSTRY CLEANING AND DISINFECTION PROFESSIONAL BUILDING CAR VALETING

INOX/STAINLESS STEEL	METAL	MULTI
 <p>Sprayers especially manufactured with maximum resistance materials to be used with mineral and vegetable oils, curing agents and neutral cleaners. Can be similarly used with hydrocarbon based solvents, lubricants and petroleum derivatives. Not suitable for acids.</p> <ul style="list-style-type: none"> • Construction (concrete release agents, waterproofing agents, curing agents etc.). • Professional cleaning. • Pest control. • Wood treatment. 	 <p>Sprayers especially manufactured with maximum resistance materials to be used with mineral and vegetable oils, curing agents and neutral cleaners. Can be similarly used with hydrocarbon based solvents, lubricants and petroleum derivatives. Not suitable for acids.</p> <ul style="list-style-type: none"> • Construction (concrete release agents, waterproofing agents, curing agents etc.). • Wood treatment. 	 <p>Compatible sprayers with most chemical agents used in:</p> <ul style="list-style-type: none"> • Professional cleaning and disinfection. • Construction. • Automotive and all industrial workshops. 
HC	FOAM	ALKALINES
 <p>Industrial sprayer especially manufactured for use with animal and vegetable oils, hydrocarbon-based solvents, lubricants and petroleum products. Not suitable for acids.</p> <ul style="list-style-type: none"> • Brake cleaning, tar removal from vehicle bodies and tools, machinery and motor cleaning... • Lubricant application; cleaning of car interiors, degreasing... • Wood treatments, waterproofing and de-waxing fluids etc. 	 <p>Specific sprayers to generate dry and long lasting foam.</p> <ul style="list-style-type: none"> • Cleaning and disinfection of different surfaces. • Care and cleaning of vehicles. • Cleaning of upholstery, carpets and rugs. 	 <p>Sprayers especially manufactured and designed to be compatible with most chemical agents used in the world of professional cleaning, disinfection and removal of difficult substances. Best suited for alkaline, alcohol and acetone substances.</p> <ul style="list-style-type: none"> • Cleaning and disinfection in Food processing companies • Removal of: Animal, mineral and vegetable fats, proteins, blood, eggs, lubricants, mineral oils etc. 

CHEMICAL PRODUCTS TABLE

The following table shows several examples of the most frequently used aggressive substances and the model recommended for each use. Follow the specified maximum percentages.

The sprayers are not suitable for working with many halogenated solvents.

Given the wide variety of products on the market, Goizper does not warrant the universal validity of its products. Always use caution when working and follow the instructions of the chemical manufacturer.



		IK MULTI	IK ALKALINES	IK HC	IK METAL/INOX
ACIDS	ACETIC ACID (MAX 20%)	L	✓	✗	✗
	HYDROCHLORIC ACID (MAX 30%)	✓	L	✗	✗
	HYDROFLUORIC ACID (MAX 20%)	✓	✗	✗	✗
	PHOSPHORIC ACID	✓	L	✗	✗
	NITRIC ACID (MAX 20%)	✓	L	✗	✗
	SULPHURIC ACID (MAX 30%)	✓	L	✗	✗
	OTHER ACIDS	✓	L	✗	✗
ALCOHOLS	BUTANOL	L	✓	L	L
	ETHANOL	L	✓	L	L
	METHANOL	L	✓	L	L
	OTHER ALCOHOLS	L	✓	L	L
ALIPHATIC HYDROCARBONS	DECANE	L	✗	✓	✓
	HEPTANE	L	✗	✓	✓
	HEXANE	L	✗	✓	✓
	PENTANE	L	✗	✓	✓
AROMATIC HYDROCARBONS	LIMONENE	L	✗	✓	✓
	NAPHTHALENE	L	✗	✓	✓
	TOLUENE (MAX 40%)	L	✗	✓	✓
	XYLENE	L	✗	✓	✓
OILS AND PETROLEUM PRODUCTS	MINERAL-VEGETAL OIL	L	✗	✓	✓
	DIESEL	L	✗	✓	✓
	GASOLINE	L	✗	✓	✓
	KEROSENE	L	✗	✓	✓
	WHITE SPIRIT	L	✗	✓	✓
ALKALINES AND KETONES	ACETONE	✗	✓	✗	✗
	AMMONIA	L	✓	✗	✗
	SODIUM HYDROXIDE (CAUSTIC SODA)	✗	✓	✗	✗
	POTASSIUM HYDROXIDE	✗	✓	✗	✗
	SODIUM HYPOCHLORITE	L	L	✗	✗
MECHANICAL STRENGTH	HIGH PRESSURE	L	L	L	✓
	HOT CHEMICALS (MAX. 50°C)	L	L	L	✓
	WEATHER RESISTANT	L	L	L	✓

✓ OPTIMUM L LIMITED ✗ NOT SUITABLE

IK Heavy Stainless Steel and Metal Compression SPRAYERS



HEAVY DUTY SPRAYER

NO ACIDS

Features and Characteristics of the IK Heavy Duty Stainless Metal Sprayers

- Manufactured with highly resistant materials designed to be compatible with chemical agents commonly used in the world of professional cleaning, disinfection, construction, automotive and industrial workshops.
- Innovative and ergonomic design.
- Stable base with foot brackets for easy pumping.
- All seals and washers are resistant to oils, curing agents, solvents and neutral cleaners.
- Greater range and possibility to spray denser liquids, and at high temperatures.
- Wide funnel integrated into tank for easy filling.
- Heavy duty pressure gauges on all four models.
- Safety pressure release valve located on top of tanks for easy access, set at 85 PSI.
- Adjustable cone nozzle and standard elbow with fan nozzle.
- Hose is located on the bottom for maximum usage and a consistent, accurate spray pressure.
- Has an outlet for air compression hook up on the 10 Models.
- Convenient parking spot for the Stainless Steel wands, and serves as handles for easy emptying of the tank.
- Equipped with parking spot for the plunger during filling.
- Easy to carry handle and over-the-shoulder strap for convenience.

APPLICATION	STAINLESS STEEL	METAL
FORMWORK RELEASING OIL	✓	✓
SILICIFIER	✓	✓
RELEASING AGENTS	✓	✓
CONCRETE REMOVER	✓	✓
CONSTRUCTION MACHINES	✓	✓
VEHICLES	✓	✓
CURBSTONES	✓	✓
ROAD MARKING	✓	✓
BUILDING CLEANING	✓	
SANITARY ROOMS-CLEANING AND DISINFECTION	✓	
SWIMMING POOLS- CLEANING AND DISINFECTION	✓	
KITCHEN CLEANING	✓	
FLOOR CLEANING	✓	
STONE CLEANING	✓	
GRAFFITI REMOVAL	✓	
PEST CONTROL	✓	
VEHICLE CLEANING	✓	
ENGINE CLEANING	✓	
WHEEL RIM CLEANER	✓	
CANVAS CLEANING	✓	
BRAKE CLEANING	✓	
MACHINE PRESERVATION	✓	
WOOD PRESERVATIVE	✓	



INOX STAINLESS 6



INOX STAINLESS 10



IK METAL 6



IK METAL 10

Item#	Model	Description	Total Capacity	Useful Capacity	Pack Qty.	Gross Weight
83271	IK INOX 6	Stainless Steel Heavy Duty Compression Sprayer	2.5 Gal	1.5 Gal	1	9.5 lbs.
83272	IK INOX 10	Stainless Steel Heavy Duty Compression Sprayer	3.5 Gal	2.5 Gal	1	11 lbs.
83273	IK Metal 6	Heavy Duty Metal Compression Sprayer	2.5 Gal	1.5 Gal	1	10.5 lbs.
83274	IK Metal 10	Heavy Duty Metal Compression Sprayer	3.5 Gal	2.5 Gal	1	12 lbs.

IK Multi Compression SPRAYERS



Features and Characteristics of the Multi Model

- Manufactured with highly resistant materials designed to be compatible with chemical agents commonly used in the world of :
 - Professional Cleaning
 - Disinfection
 - Construction
 - Automotive
 - Industrial Workshops
- Suitable for Acids, Alcohols, Hydro Carbons and Oils.
- All plastic parts and washers resistant to most Acids and Solvents.



IK MULTI 6, 9 & 12

- 1 Gal, 1.5 Gal and 2 Gal useful capacity
- Strong translucent tanks with indicator level
- Funnel incorporated into tanks
- 45 PSI safety valve with depressurization option
- Filter in the wands
- Base of tank can be used to wind the hose for storage.
- Carrying handle and over-the-shoulder straps
- Adjustable cone spray and jet spray nozzle



IK MULTI 12 BS

- 3 Gal useful capacity
- Strong translucent tank with indicator level
- Tank lid with anti-drip valve
- Filter in the wand
- Carrying handle and over-the-shoulder padded straps
- Two adjustable replacement nozzles and extra hose included



IK MULTI 1.5

- 35 oz useful capacity
- Strong translucent tank with indicator level
- 22 PSI safety valve with depressurization option
- Adjustable cone and fan spray nozzle

Item#	Model	Description	Useful Capacity	Pack Qty.	Gross Weight
83811901	IK Multi 6	Industrial Poly Compression Sprayer	1 Gal	1	4 lbs.
83811911	IK Multi 9	Industrial Poly Compression Sprayer	1.5 Gal	1	4.5 lbs.
83811921	IK Multi 12	Industrial Poly Compression Sprayer	2 Gal	1	5 lbs.
839701	IK Multi 12 BS	Backpack Compression Sprayer	3 Gal	1	8 lbs.
81771	IK Multi 1.5	Hand Held Compression Sprayer	35 oz.	1	1.5 lbs.

IK Alkaline, Foam and H.C. Compression SPRAYERS

Features and Characteristics of the Alkaline, Foam and H.C. Models

- Manufactured with highly resistant materials designed to be compatible with chemical agents commonly used in the world of Professional Cleaning, Disinfection, Automotive, and Industrial Workshops.



ALKALINE

- Best suited for Alkalines, Alcohol and Acetone substances
- Strong translucent tank with indicator level
- (9) Funnel incorporated into tank
- (9) 45 PSI safety valve with depressurization option
- (9) Base of tank can be used to wind the hose for storage.
- (9) Carrying handle and over-the-shoulder strap
- (9) & (1.5) Adjustable cone spray and fan nozzle included
- (1.5) 22 PSI safety valve with depressurization option

FOAM

- Best suited for Foam application Detergents
- Strong translucent tank with indicator level
- (9) Funnel incorporated into tank
- (9) 60 PSI safety valve with depressurization option
- (9) Base of tank can be used to wind the hose for storage.
- (9) Only IK with hose attachment at the top to produce a lighter foam
- (9) & (1.5) Special "foam" even fan type nozzle
- (1.5) 30 PSI safety valve with depressurization option

H.C.

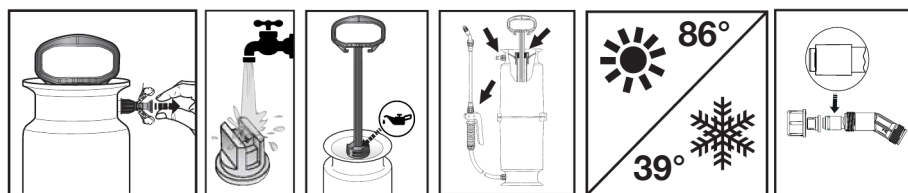
- Best suited for Hydro Carbons, Oils and Lubricants
- All plastic parts and washers resistant to alkalines
- Strong translucent tank with indicator level
- Adjustable conical nozzle
- 35 PSI safety valve with depressurization option
- Large opening for easy filling and cleaning

Item#	Model	Description	Useful Capacity	Pack Qty.	Gross Weight
83811916	IK Alkaline 9	Heavy Duty Poly Sprayer	1.5 Gal	1	4.5 lbs.
81777	IK Alkaline 1.5	Heavy Duty Hand Held Sprayer	35 oz.	1	1.5 lbs.
83811915	IK Foam 9	Heavy Duty Foam Sprayer	1.5 Gal	1	4.5 lbs.
81776	IK Foam 1.5	Heavy Duty Hand Held Foam Sprayer	35 oz.	1	1.5 lbs.
81774	IK H.C. 1.5	Heavy Duty Hand Held Sprayer	35 oz.	1	1.5 lbs.

Maintenance and Safety Standards

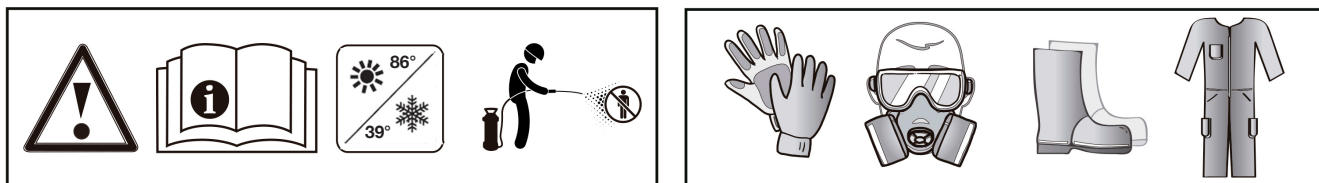
CLEANING AND MAINTENANCE OF THE SPRAYER

- AFTER EACH USE DEPRESSURIZE THE SPRAYER AND CLEAN IT.
- COLLECT AND DISPOSE OF THE RESIDUAL AMOUNT IN ACCORDANCE WITH THE LAWS, REGULATIONS AND APPLICABLE STANDARDS.
- 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 (BETWEEN 86° AND 39° F).
- TO PROLONG THE LIFE OF THE SEALS, REGULARLY APPLY GREASE TO THE MOVING PARTS OF THE SPRAYER.



SAFETY RULES

- TO AVOID ANY CONSUMPTION OF THE PRODUCT, DO NOT EAT, DRINK OR SMOKE WHILE PREPARING AND SPRAYING.
- 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 CHEMICAL PRODUCT PACKAGING WITH YOU.
- NEVER DISPOSE OF WASTE PRODUCT OR CLEANING RESIDUES NEAR WATER COURSES, WELLS, ETC.
- DO NOT SPRAY ON OPEN FLAMES, FIRE OR OTHER SOURCES OF IGNITION.
- USE THE SPRAYER ONLY WITH SUBSTANCES WHICH ARE COMPATIBLE (SCOPE OF APPLICATION).
- USE SUITABLE PROTECTIVE EQUIPMENT, MASKS, GOGGLES, GLOVES, FOOTWEAR, ETC., TO AVOID CONTACT OF THE CHEMICAL PRODUCTS WITH SKIN, EYES AND MOUTH.



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.

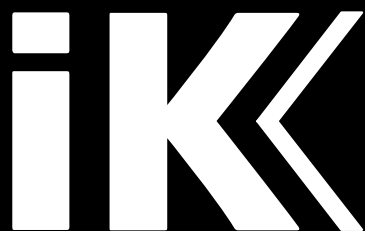
The sprayer selection must be made within the parameters of suitable functionality, efficiency and accuracy.



INTERNATIONAL PRESENCE

Goizper's international leadership is based on a powerful commercial network having 14 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.





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FOR EXPERTS**

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