



# Pesticiding & Insecticiding

Machine and PVC Welder

- Fogging Machine
- Mini Gas Fogger
- Electric ULV Sprayer
- Professional Repeller
- Engine ULV Sprayer
- PVC Welding Machine
- Mosquito Trap

**MS** The World, The World Wanted  
**MANSANG GLOBAL**

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**MS** **MANSANG CO., LTD.**



# ULV an Innovative Disinfectant Sprayer-Shoulder Type



## ATOMER-II Electric power ULV sprayer

It relieves the fatigue of wrists by moving the injection nozzle up and down Independent air and chemical control valve for powerful controlling long spray (3~21m)

- Power: AC 220V
- Motor output: 1,400W
- Chemical tank: 4 lit.
- Droplet size : 20-50µm
- Dry weight: 4.30kgs
- Discharge rate: 12 lit/min.
- Dimension: 655\*200\*310 mm
- Cord length : 6m



## WILLY Electric ULV Cold Sprayer with 3 head nozzle

It is easy to carry and simple to operate

- Power: 220V 50~60hz
- Spraying distance: 15 m
- Power consumption: 600 W
- Chemical tank: 4.5 lit.
- Body material : Plastic/Acetal
- Cord length : 8m
- Weight: 2.00 kg
- Droplet size: 10-40µm



## ANGAE FOG 2.5/4.5 Electric ULV Cold Sprayer

Powerful spray and Ultra-low particle permeates into even the minute area. Spraying of various substances(pesticide, disinfectant, air freshener, cleaning products, antibiotic, etc.)Air drying and air cleaning.

- 2 TYPES : 2.5 / 4.5 lit tank
- Tank Capa. : 2.5 lit.(0.7gal)/ 4.5 lt(1.2 gal)
- Weight : 2.5 lit.-2.0kg) / 4.5 lit.- 2.2 kg
- Dimension : 2.5 Tank - 140\*425\*240 mm / 4.5 Tank - 151\*425\*296 mm
- Power : 110~125V / 220~240V

## BURE / BURE 3 NEW

Ultra Low Volume Sprayer Control of chemical amount

- Power: AC 220V
- Motor output: 1,250 W
- Mist particle size : 10-50 microns
- Electric wire length : 6 m, 2 m
- Measurement : 160 x 550 x 250 mm
- Chemical tank : 3 liter
- Weight: 3.10 kgs
- Spraying distance: 5~10 m



## IZ-33 "Electric Power U.L.V Sprayer

The best way for Pest Control U.L.V [Ultra Low Volume]

- Best Selling Item works silently. Using indoors or outdoors
- Motor R.P.M - 20,000 min.
- Main Material A: luminium & Stainless steel
- Spraying Distance : 12 m
- Weight : 5.10kg
- Chemical tank : 7 liter
- Power: AC 220V
- Mist particle size : 10-40 microns

## WS 20EU "Electric Power U.L.V Sprayer"- CE cert.

No noise, easy to carry and effective in killing insects and disinfections. With the use of flexible hose, it makes it feasible to spray to indoor places difficult to access.

- Dimension : 430 x 220 x 500mm
- Sprays undiluted chemical solution instead of smoke
- Spray agricultural chemicals in field and green house
- Disinfects well since the ultra fine particles stay in the air for a long time
- Sterilization of cattle sheds, offices, hospitals, public center, toilets, large buildings
- Power: AC 220V
- Weight: 4.50 kgs
- Mist particle size : 10-40 microns
- Chemical tank : 6 liter



## Insect Trap by ULV Ray, Tio2, and Glue Paper

SKY-F, SKF-F Plus Hygienical Trapping Flying Insects  
Sanitary Insect Exterminator by Ultraviolet Attracting flying insects by ULV rays and Catching by Glue Paper.  
SKY-F Plus is coated by Tio2, attract insects

- No noise, No smell, Trapping Environment-Friendly.
- Designed not to see the insects from outside.
- Size : 500\*230\*130(mm)
- Weight : 2.5 kg
- Consumption : 48 w
- Lamps : FBL (24 w\*2)
- V /Hz: 220 V 62 Hz
- Material : ABS
- components : Body. Glue Paper\*3 , lamp\*2



## M-TRAP PLUS Electric Glue Trap

BL lamp to attract insects like drosophila and mayfly.  
Glue paper with eco-friendly attractant to capture insects.  
Simple design for usage in various insects

- Power: 220V/60hz.9W
- Effective Area: 40-50 m²
- Dimension: 200\*75\*200 mm
- Weight: 600g
- Body Material : ABS



## ENTICE Electric UV light Glue Trap

The most favorite ultraviolet ray of the insect pest is 352m wavelength lamp, it generates light overheating and carbon dioxide, and attracts it and captures it with the trap adhesive inside the trap.  
Features: Noiseless odorless, environmentally friendly capture without pesticides.  
Captive pests are designed to be invisible from the outside.

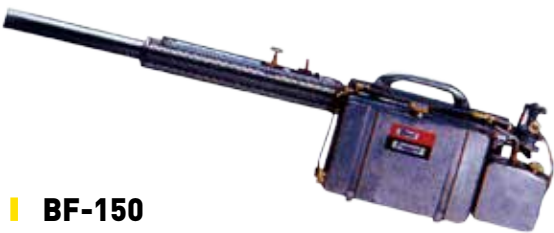
- Power: 220V/ 48W
- Weight: 3.00 kgs
- Effective Area: 50 m²
- Dimension: 450\*350\*130mm
- Package: 1 pc inner case / 8 cases in Carton





# Best Fogger

The highest quality fogging machine [Fogging and ULV type]



BF-150



BF-200



BF-150P



BF-200P



BF-380



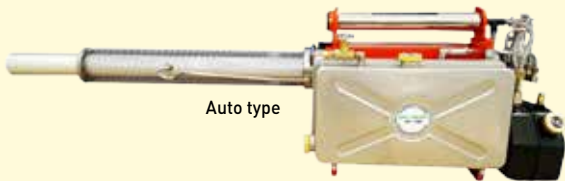
BF-400

Division	BF 150 Automatic	BF 150P	BF 200	BF 200P	BF 400
Type	Thermal Aerosol Fog	Thermal Aerosol Fog	Aerosol and U.L.V	Aerosol and U.L.V	Thermal Aerosol Fog
Starting Method	Push Button Start	Push Button Start	Push Button Start	Push Button Start	Fully Automatic Complete Remote Control
Power Supply	12 VD Rechargeable Battery	12 VD Rechargeable Battery	12 VD Rechargeable Battery	12 VD Rechargeable Battery	12 VD Vehicle Battery
Dimensions [W x L x H]	230 x 1,350 x 340mm	230 x 1,350 x 340mm	230 x 1,350 x 340mm	230 x 1,350 x 320mm	710 x 1,330 x 490mm
Weight [Empty]	9 kg	8 kg	10 kg	8.5 kg	45 kg
Gasoline Tank Capacity	1.8ℓ	1.8ℓ	1.8ℓ	1.5ℓ	16ℓ
Gasoline Consumption	1.5ℓ/h	1.5ℓ/h	1.8ℓ/h	1.8ℓ/h	3.38ℓ/h
Solution Tank Capacity	8ℓ	6ℓ	8ℓ	6ℓ	100ℓ-150ℓ
Solution Output	40ℓ/h	40ℓ/h	50ℓ/h	50ℓ/h	85ℓ/h
Solution Tank Material	Stainless Steel 316 L	Plastic [Polyethylene]	Stainless Steel 316 L	Plastic [Polyethylene]	Stainless Steel 316 L
Shipping Date [LxWxH]	240 x 1,360 x 350mm	280 x 1,360 x 330mm	240 x 1,360 x 350mm	280 x 1,360 x 330mm	730 x 1,400 x 510mm
Shipping Data Weight [Empty]	12.9 kg	12 kg	13.3 kg	12.7 kg	50kg

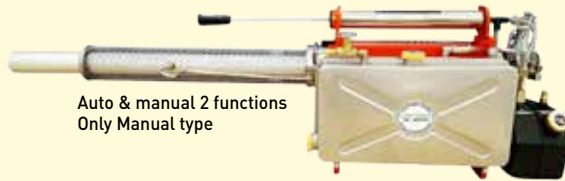
## MS-138 Korea Insect Zero Thermal Fogger

It has 3 types in Auto (MS-138A), Manual and Auto (MS-138MA) & Manual (MS-138M) and, is specially designed for applying fogging and ULV misting.

- Starting : Auto push button or Manual pump type
- Power supply (option): DC 6V / 4A x 1 pc or R20 1.5V/ 4 pcs.
- Solution tank : 6.5 lit.
- Fuel Tank : 1.20 lit.
- Solution output : 35 lit./hr.
- Dry Weight: 8.60-8.80kgs
- Dimension (LxWxH): 1140\*250\*330mm



Auto type



Auto & manual 2 functions Only Manual type

## TH-180 Mounted on Auto-Bike Fogger

Optimal machine for disease prevention. Simplified for easy use, low maintenance. Stainless Body for Preventing electric discharge Light and balanced feature, Powerful ejection

- Starting Method: Auto Push Button with quick start.
- Fuel Tank Capa.: 13 lit.
- Solution Tank Capa.: 2.4 lit.
- Solution Output: 52 lit./hr
- Stainless Steel body & tank
- Fuel Consumption: 1.5 lit./hr
- Solution Output: 52 lit./hr
- Double Air Cooling
- Weight: 20 kg



## TH-250 Mounted on Trolley Fogger

Easy and fast controlling for pests and harmful insects. Foggin and ULV misting types

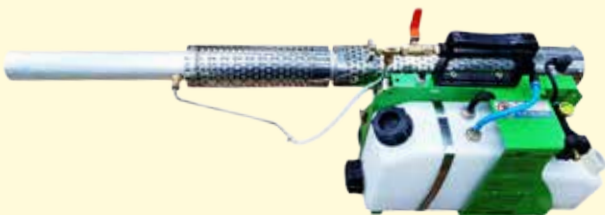
- Fuel Tank Capa.: 3.2 lit.
- Double Air Cooling
- Fuel Consumption: 1.80 lit./hr.
- Weight: 36 kg
- Solution Tank Capa.: 30 lit.
- Solution Output: 65 lit./hr.
- Dimensions (LxWxH): 1,650\*1,100\*580 mm



## FONY New Middle Sized Thermal Fogger & ULV Mist.

No blockage will always start ! Narrow a radius of a light task ! A power of small fogging machine

- Starting Method: Fule adjustment
- Fuel Tank Capa.: 1.0 lit.
- Solution Tank Capa.: 2.7 lit.
- Power Supply: DC6V Rechargeable battery
- Dimension (LxWxH) : 940\*265\*360 mm
- Weight: 7.00kg
- Fuel Consumption: 0.80 lit./hr
- Solution Output: 20 lit./hr







### Fogger - T.H150A & T.H150B

#### Thermal fogger & smoking

- Double air-cooled system
- Rechargeable battery : DC6V / 4A x 1ea (Unleaded if possible)
- Chemical tank capacity : 6.5 lit.
- Fuel consumption : 1.3 lit.
- Dry weight : 11.00 kg
- Dimension (L x H x W) : 1.300 x 260 x 330mm
- \* Easy to disassemble and simple to repair
- \* Easy to start engine
- Fuel : Pure & Clean gasoline
- Fuel tank capacity : 1.2 lit.



### Fogger - T.H130

#### Thermal fogger & smoking

- Fuel : Pure & Clean gasoline
- Rechargeable battery : DC 6 V / 4 A x 1ea (Unleaded if possible)
- Chemical tank capacity : 4.5 lit.
- Fuel tank capacity : 1.2 lit
- Fuel consumption : 1.2 lit/h.
- Dry weight : 8.50 kg
- \* Easy to disassemble and simple to repair
- \* Easy to start engine



### Fogging Machine - SS150F

#### Portable auto type

- Spraying Method : Thermal Fogger
- Chemical tank capa. : 5.5 lit. (Plastic) / 6.5 lit. (Stainless steel)
- Fuel tank capacity : 1.5 lit.
- Air cooling system
- Dimension : 1.350 x 340 x 290mm
- Net weight : 9.00 kg



### Fogging Machine - SS400F

#### Mounted on the car type

- Spraying method : Thermal Fogger
- Chemical tank capa. : 108 lit.
- Fuel tank capacity : 13 lit.
- Air cooling System
- Dimension : 1560 x 380 x 760mm
- Net weight : 50.00 kg

### MS-5000 Insect Zero Mini Gas Fogger

With Coil-cleaning water tank. Eliminate clogging tar in tank through bottom part. Blocking the back-flow of fire. Powerful smoke screen effect in a short time

- Fuel consumption : Approx. 500 ml/hr
- Weight: 1.20 kgs
- Fuel tank capacity: 2.3 liter
- Dimension : 456\*166\*368 mm
- Start : Press ignition button
- Soutlion output : 1.5~1.8 liter / Hr



### KB-100 Mini Mist Fogger

2 separate lines of chemical and diesel

- No Coil-cogging system

3-Spraying way Fog: diesel +drug,  
Semi-fog: diesel+drug, Mist: water+drug)

- Fuel consumption : 2.8 lit/hr
- Weight: 1.70 kgs
- Dimension : 600 x 175 x 420 mm
- Start : Press ignition Button
- Fuel tank capacity: 1.8 liter



### NEW SUPER-2000 Gold Mini Gas Fogger with newly one touch locking system for tank

The best multi-purpose thermal fogger. It can dispense a sterilizing fog, which kills all kinds of harmful insects such as flies, mosquitos, cockroaches, and pests.

Noiseless, Ultra-small Portable Sprayer / Sterilizer.

Coil-clogging removal device attached

- Fuel tank capa. 2.0 lit.
- Weight : 2.00 kg
- Dimension : 510 x 340 x 195 mm
- Fuel consumption : 2.0 lit/hr.
- Fuel: Canned butane gas
- (Out box 5 pcs) 970\*530\*370 mm



### KB-90 "Mini Gas Fogger"

Noiseless, light weight and easy to carry in anywhere.

Spraying finer particles of chemicals.

- Type : Thermal aerosol
- Fuel : Liquid propane (Butane) gas
- Star : Push the ignition button
- Fuel consumption : Approx.500 ml/hr
- Solution output : 1.5 lit/hr.
- Chemical tank : 2.8 lit.
- Dimension (L x H x W) : 440 x 160 x 340mm
- Weight (Empty) : 1.35 kg







**SUPER 3000 GOLD Power Gas smoke insect fogger with coil clogging removal device.**

The realization of auto spraying with just a one time-pumping.  
Spraying process for agricultural and stable pest control  
Strong power to disinfect your wide stable in a short time

- Chemical tank Capa. : 3 lit.
- Weight : 4.00kgs
- Dimension (LxWxH) : 650\*400\*400 mm
- Fuel: Big butane gas(200g) in covering for reserving of heat



**TH-112 Mini Gas Fogger**

Powerful fogging type  
Blocking the back-flow of fire  
Powerful smoke screen effect in a short time

- Fuel consumption : Approx. 500 ml/hr
- Start : Press ignition button
- Weight: 1.20 kgs
- Soutlion output : 1.5~1.8 liter / Hr
- Fuel tank capacity: 2.3 liter
- Dimension : 470\*170\*320 mm



T-1200U : Manual control of nozzle right to left  
T-1200UA : Auto control of nozzle right ot left

**Typhoon Ultra Low Volume Fogger**

Power truck mounted type  
• Starting Method : Automatic & Manual • Fuel tank capa.: 5liter  
• Blower pressure : 0.3kg/cm2 • Engine output : 6.7~7.0 PS  
• Weight : 98kg • Engine RPM : 1800-2000 RPM • Fuel consumption : 2.16~2.64 L/H  
• Solution tank capacity : 100, 130 liter can be choose  
• Solution output : 50~130 liter/H • Blower pressure : 0.3kg/cm2  
• Wood Box Measurement (LxHxW) : 1200\*1,100\*700 mm  
• Low noise, Low vibration, light weight, space saving design  
• Particle size:10~40 micron, Ultra Low Volume spraying  
• You can control the function in tdriver'seat automatically



**Engine ULV Spryer : Turbo-150**

It is operating by Engine so that can be worked inside, or outside  
(Field, mountain and the area without being serviced electric source)  
Powerful foil fan by Japan Honda engine  
• Start : Recoil start • Fuel : Gasoline without oil  
• Engine type : Air-cool 4 cycle, OHC • Displacement : 35.8 c  
• Engine max output : 16 PS / 7,000 rpm • Blower Fan : 20,000-28,000 rpm  
• Engine revolution : 1800-2000 rpm • Fuel tank capacity : 0.65 lit.  
• Fuel consumption : 360 (g/PS-hr) • Chemical tank capacity : 6 lit.  
• Chemical output : 20-50 lit./hr. • Weight : 9.80 kg  
• Measurement (L x H x W) : 565 \* 208 \* 390mm

**Power Mist KMD - 850W (CE Cert.)**

Spraying in Mist (Water)

Working Machine	Liquid tank	Capa. 20 lit (5.3 gal)
	Size (L x W x H)	415x505x710mm
	Dry weight	11 kg (24.4 lbs)
	Max. Discharge rate	3 lit/min
Engine Displacement : 58.2cc	Type-gasoline	Air-cooled 2 stroke
	Carburetor	Diaphragm
	Max. Output/rpm	3.7 ps / 7,500 rpm
	Fuel tank capacity	1.8 lit (0.48 gal)



**WINDY Portable Engine Cold ULV fogger**

Most effective droplet size for flying insects, less than VMD 20µm.  
Powered by HONDA 4-cycle gasoline engine  
Connected by a clutch drum directly.  
Air pump with 2 rotation vanes

- Enginer Power : 1.5hp / air cooling type
- Chemical output :4.0 lit/hr.
- Chemical tank capa. :2.0 lit,
- Fuel consumption : 0.60 lit/hr.
- Fuel tank capa. : 0.65 lit. • Empty weight : 9.0 kgs.
- Dimensions (LxWxH): 470\*240\*380 mm



**MOO-GUN Cordless ULV fogger  
Operated by Li-Ion rechargeable battery**

Powerful spray and ultra-low particle spray permeates into even the minute area.

- Model in 2 types  
Moo-gun : DC 12V,6.6A  
Moo-gun H : DC14.8V,6.6A
- Spray Distance : 3~5 M
- Chemical tank capacity : 5.0 lit,
- Working time : 2 hours continuously
- Empty weight : 3.10gs.
- Dimensions (LxWxH): 195\*540\*270 mm



**Power Spray Hose On High Pressure**

- Spraying agricultural chemicals
- Excellent at durability against high pressure

SIZE (mm)	I.D (mm)	O.D (mm)	Pressure (kgf / cm <sup>2</sup> ) at 20°C		Std. LENGTH (Mtr)
			Working	Bursting	
7.5	7.5	13.5	50	160	100
8.5	8.5	14.5	50	160	100
10	10	16	50	150	100
13	13	20	40	130	100
16	16	24	40	120	100
19	19	28	40	120	100
25	25	35	40	120	50







### Lithium Ion-Rechargeable Battery Sprayer

#### Power King KS-PK2000

- Size : 420 x 320 x 850mm
- Dry weight : 4.5 kg
- Chemical tank : 20 lit.
- Pump : Diaphragm type
- Recharger : Input currency - AC 220 V / Output DC 12.6 V
- Rechargeable li ion battery
- Full charging time : 3 hours
- Continuous working time : 150-180 minutes

### Long Distance-Spraying Super-Gun

Spraying for Pesticide, Insecticide and agricultural

- S-001**
- Power Special Spray Gun
  - Spraying distance 18-20m
  - Adjusting Spraying angle



- S-003**
- New Power Special Spray Gun
  - Spraying distance 20-22m
  - Adjusting Spraying angle



### CEZIO / CE Cert. Centrifugal Humidification System

Choose the CEZIO for small to midsize application or for use in areas where quiet operation is a must, its very dry fog is ideal for greenhouse Environments, mushroom growing, germination rooms, cigar shops, Research chambers and storage areas.

Quiet enough for residential use, CEZIO is your best bet for small environment applications Impressive clouds of smoky fog will add cool humidity to your midsize room.

- Coverage : 100-150m (1.176-1.614ft)
- Power supply : 110 V or 220 V / 50Hz or 60 Hz /90 W
- Humidification Capa. : 3,000-5,000 cc/hr.
- Feed-Water Pressure : Less than 5 kg/cm<sup>2</sup>
- Size : 389 x 389 x 455m
- Net Weight : 7.7 kg / Gross Weight : 9.5 kg

#### Features & Applications

- Easy to install & carry by handle
- Various space usage (On-wall)
- Trouble-free simple structure (High durability)
- Good for Greenhouse, Propagation room, Research Chamber, Storage room, Nursery, Mushroom and Orchid Cultivation, Chicken-Breeding, Textile, Tobacco and Timber industries.



### MOUSE BOX TRAP Rat capture device

It is a multi-purpose trap that can be used as a catching trap with a sophisticated design and equipped with a locking device that can be easily applied.

The rat can open the door and enter the inside easily, but can not escape to the outside because it can not access the protruding pin inside the door

- Weight : 0.6kg
- Gate of Mouse route : 60\*70 mm
- Dimension : 200\*200\*100 mm



### GEL BAIT APPLICATOR GUN

Bait applicator allow easy and precise application of gel bait. Re-use over and over again. Prevent the gel flow during use. Good for getting into cracks and crevices. Use a fixed quantity to reduce cost and protect environment. Fit most insecticidal gel syringes.

Models	MBA-01	MBA-02
Quantity in Carton	200 PCS	100 PCS
Carton Weight	19.00 kgs	2.00kgs
Carton Size(mm):	500*460*460	765*410*470



### P-1 & P-3 UV Light Glue Trap

Pests Non Latching favorite 352nm wavelength of UV attract various pests inside the front cover of the circle using Sticky mayflies, mosquitoes, moths, flies and other pests fragments of noise and sanitizes without the capture and removal of Indoor Insect trap.

Models	P-1(Grey/Ivory)	P-3( Grey)
Power Consumption	36W	24W
Applying Lamp	FBL 36W	FBL 24W
Body Material	ABS and etc.	ABS and etc.
Dimension (mm)	500*145*200	380*130*65
Weight	1.50 kgs	1.22 kgs



### SY-PW950 New PVC Welding Machine

Newly designed and developed for hi-quality and lower noise. This machine welds PVC, PE, PEM and all kinds of plastic(Acrylic) resins such like plastic pipes for industrial, farming, & gardening purpose and also car bumper & any plastic parts.

- Input Voltahe : AC220V, 50/60hz
- Output capacity : Max 720W
- Heating part's output capacity : Max 650W
- Adjustable voltage : 40~220V
- Maximum temperature : 350 °C
- Airflow : Airflow : 0.2Kg/cm<sup>2</sup>, 60l/min.
- Dimension : (W)270 x (L)210 x (H)330mm
- Weight : 10Kg
- Accessories : Heating gun 1pc ( cable 2.5m), Spare Heating element 1pcs
- Option : Round type nozzle, Ellipse type nozzle

