

Warranty Certificate

(KISANKRAFT COPY)

Limitation of Liability: This limited warranty is in lieu of all other express warranties, obligations, or liabilities. Any implied warranties, obligations or liabilities, including, but not limited to, any implied warranty of merchantability shall be limited in duration to the applicable warranty period. Any action for breach of any warranties hereunder, including, but not limited to, any implied warranty of merchantability must be brought within the applicable warranty period.

Modifications of Warranty: No agent, representative, dealer, or employee of KisanKraft Limited or any of its manufacturers has the authority to increase or alter the obligations of this warranty.

Assignment / Transfer of warranty: The warranty cannot be assigned and shall not transfer if the product is resold by the first buyer. The above warranties are extended to the first end user (original purchaser), and no warranty is made, nor authorized to be made assignable on resale by the first end user.

What you must do to obtain limited warranty service: To obtain performance of any obligation under this warranty for failure during the applicable warranty period, you must deliver the defective product, to the nearest Authorized Dealer, along with proof-of-purchase (invoice/receipt). KisanKraft Limited, its manufacturers and its dealers reserve the right to inspect the claimed defective part(s) to determine if the malfunction is the result of a defect covered by this warranty. Please note that the decision of KisanKraft Limited with respect to any warranty claim is final.

After-sales Service (Including Warranty): KisanKraft Limited does not sell directly to consumers. All sales or supplies are made through Authorized Dealers. It is the responsibility of the Authorized Dealer to provide all after-sales service to consumers. Any warranty claim should be raised by the dealer to KisanKraft Limited as per warranty policy.

Jurisdiction: All disputes are subject to Bangalore court's jurisdiction.

Notes:

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- Any product once used will not be taken back by KisanKraft Limited.
- Warranty and After Sale Services (including but not limited to installation, Demonstration, Repair, Routine Maintenance etc.), should be done through the Authorized Dealer selling this product.
- Dealers should have their own technician to provide After Sales Services to their Customers. KisanKraft Limited provides free training to Authorized Dealer's technicians at KisanKraft Limited's head office, on request from Authorized Dealer.

This warranty is null & void, if you fail to register the warranty with KisanKraft by sending the KisanKraft Copy with dealer's stamp.

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Warranty Certificate

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Product	Agricultural Knapsack Sprayer	KisanKraft Invoice Date	
Brand	KisanKraft	KisanKraft Invoice No.	
Model □ KK-BBS-318,□ KK-BBS-9		999, □ KK-BBS-1	185, □ KK-BBS-313
WARRANTY PERIOD	6 MONTHS	FOR THE SPECIFIED PERIOD FROM THE DATE OF SALE OR DELIVERY WHICHEVER IS EARLIER.	
Dealer's Invoice Date		Dealer's Invoice No.	
Buyer's Info (Name, Address, Phone, etc.):		Dealer's Stamp	(Address, Phone, TIN, etc.):
Buyer's Sign		Dealer's Sign	

Warranty Policy

What is covered: KisanKraft Limited and its manufacturers warrant this product to be free from defects in material or workmanship. All parts defective in material and workmanship are covered.

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(1) Operation of product with incorrect fuel or lubricants, (2) Incorrect usage of machine or misuse, (3) Lack of maintenance, (4) Negligence, (5) Accident or physical damage, (6) Repairs made by unauthorized parties and/or with unauthorized parts, (7) Improper set up, adjustments, tampering or altered products (8) Any modification to the product what-so-ever.

Important: (1) Normal maintenance and adjustments to the product is the responsibility of the customer. (2) Normal wear and tears are not covered under warranty. (3) Rubber/plastic parts and consumables such as blades, clutch and clutch-bell, sparkplugs, nylon line, air-filters, fuel-filters, oil seals and gaskets etc. are not covered under the warranty. (4) Electrical Motor, Electrical Parts, Battery Etc. are not covered under the warranty.

Incidental / Consequential Loss: KisanKraft Limited or its manufacturers will not be liable for general damages, including bodily injuries, or for incidental or consequential damages including, but not limited

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Warranty Certificate

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to, loss of use, loss of profits, loss of production, expense of substitute equipment or other commercial loss or damage.

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Wide Range of Products for Every Need



For more information give MISSED CALL: 07676065555



Many of our products have BIS: ISI certification.



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Agricultural Knapsack Sprayer KK-BBS-318 /999 /185/313

User Manual



KisanKraft Limited

Warehouse: 818 3B1 to 818 3B18, Podalakur - Sangam Road, Prabagiripatnam, Podalakur, Nellore - 524345, Andhra Pradesh, INDIA

Head Office: #4,1st Main,7-A Cross, Maruthi Layout, Dasarahalli, HAF Post, Hebbal, Bangalore 560024, Karnataka, INDIA

- ◆ Bangalore (HO) ◆ Ahmedabad ◆ Bhopal ◆ Bhubaneswar ◆ Coimbatore
 - ♦ Guwahati ♦ Hubli ♦ Hyderabad ♦ Jaipur ♦ Karnal
 - ♦ Kolkata ♦ Lucknow ♦ Nellore ♦ Pune ♦ Raipur





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PRODUCT RANGE

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KisanKraft has a large range of products to serve the farmers. A list of our products is given below:

Brush Cutters and Accessories

Brush Cutter/Power Weeder

Backpack Brush Cutter

Tea Pruner

Pole pruner with Engine

Reaper Attachment

Blades-Circular

Blades (2 &3 points)

Baffle

Nylon Rope

Tap & Go

Chainsaws

Petrol Chainsaw

Electric Chainsaw

Chain Sharpening Machine

Engines and Water Pumps

Engine - Diesel-(Horizontal)

Engine - Diesel (Vertical)

Engine-Kerosene

Water Pump with Petrol Engine

Water Pump with Kerosene Engine

Water Pump with Diesel Engine

Hand Tools

Secateurs

Folding Saw

Garden Rake

Garden Shovel

Hedge Shear

Lopper

Telescopic Hedge Shear

Telescopic Lopping Shear

Tree Pruner

Telescopic Steel Pipe & Fruit Picker Bag

Sheep Shear

Garden Tools

Electric Pressure Washer

Hedge Trimmer

Lawn Mower (Electric, Petrol & Manual)

Leaf Blower

Cultivators and Accessories

Petrol and Diesel

Sprayers and Accessories

Battery Sprayer

Portable Power Sprayer

Trolley Sprayer

Manual Knapsack Sprayer

Manual Pressure Sprayer

Rose Cans

Hose Crimping Machine

HTP Sprayer

HTP Delivery Hose

HTP Hose Reel

HTP Stand

HTP Gun / Lance(Brass Rod

Knapsack Power Sprayer

Mister / Duster / Granuel Spreader

HTP Sprayer Set with Diesel Engine

HTP Sprayer Set with Kerosene Engine

Fogging Machine

Milking Machine

Wood Shredder

Fodder Ensiling Chaff Cutter

Fodder Grinder Chaff Cutter

Fodder Mini Chaff Cutter

Harvester

Maize Sheller

Maize Sheller + Dehusker

Maize Combine Harvester

Onion Digger Carlotti Italy

Tea Leaf Harvester

Sugarcane Combine Harvester

Sugarcane Leaf Stripper

Transplanter and Post Hole Digger

Paddy Transplanter (2 & 8 Rows)
Transplanter-Vegetable & Tobacco
Post Hole Digger(4" to 14"Augers)



Part No	Part Name	Qty	
7	Lance holder	1	PP
6	Filter	1	PP
5	Seal v alve plat e	1	ru bber
4	Filler cap	1	PP
3	Backre st	1	PP
2	Small cap	1	PP
1	Charge r	1	



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Agricultural Knapsack Sprayer KK-BBS-318 /999 / 185 /313

Part No	Part Name	Qty	
34	Buckle	1	PP
33	Tank b ase	1	PP
32	Batter y	1	
31	Contac t chip	2	SS
30	Spring	4	SS
29	Switch cover	1	PV C
28	On/off button	1	
27	Screw	8	SS
26	Socket	1	
25	Speed regulator	1	
24	Batter y cover	1	PP
23	Pressu re gauge	1	LE D
22	Batter y baffle	2	PP
21	Clamp	1	SS
20	Inlet	1	PV C
19	Clamp	1	SS
18	Pump	1	
17	Flat w asher	2	SS
16	O ring	1	RU BER
15	Outlet	1	PP
14	Spraye r nozzle	1	
13	Back b elt	2	
12	Rubber hose	1	
11	Telesc opic lanc e	1	
10	Switch componen t	1	
9	Filter	1	PP +SS
8	Tank	1	PP

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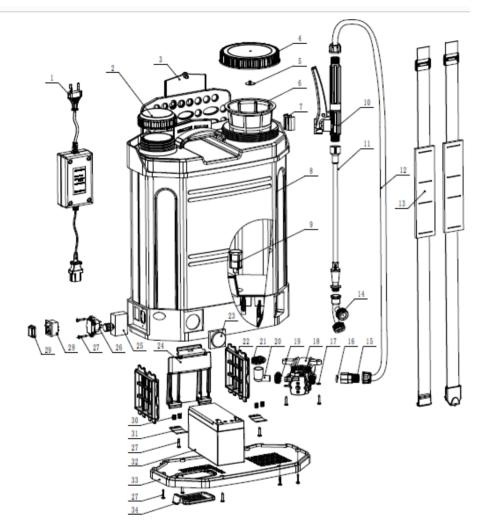
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KisanKraft[®]

Agricultural Knapsack Sprayer KK-BBS-318 /999 / 185 /313

PART LIST OF KK-BBS-185



BEFORE GETTING STARTED

Thank you for your purchase and use of our products. In order to avoid accidents or injury, **please read this manual carefully** before using. After reading, preserve it for further reference.

PRODUCT INTRODUCTION

The battery sprayer use rechargeable battery as power source, adopts advanced non-metal membrane pump, has the characters of energy saving & environmental protection, be against chemical corrosion, automatic demand starts and handles the diversity of fluid, intermittently work with low rate of flow and low energy consumption, has high pressure, even spraying, good atomization effect, without contamination. It also has reduced the labor intensity of operator greatly, and meantime the spraying effect has doubled when compared to ordinary sprayer. Once the battery is charged for 8 hrs, it can continually work for 7-8 hours, this saves cost a lot when compared to power sprayers (using engine). The battery sprayer is equipped with single and double nozzle which can increase spraying speed and working efficiency.

It is widely used in the prevention and treating plant diseases of various crops such as paddy, cotton, flowers, tobacco, tea, horticulture and greenhouse & shed, and may also be used to disinfect and exclude mosquito and sterilization in public places.

SAFETY INFORMATION

Please read the user manual carefully. Using the sprayer under dangerous condition may result in hazards to the individual natural objects. You must read carefully and be follow the safety precautions to ensure personal safety and safety of others.

- Improper use of this product may cause serious harm. Children and minors (below 18 years of age are forbidden to use this product.
- 2. It is prohibited to spray on humans or animals
- Don't place the product in an unattended place. Turn off the battery supply if it is idle for a long time.
- Don't store poisonous liquid chemicals in the sprayer.
- Keep the sprayer out of reach of direct sun rays.
- Don't disassemble or refit the product by yourself.

STRUCTURE, WORKING PRINCIPLE & CHARACTERISTICS

Structure: The machine is composed of the following:

- Container of liquid
- 2. Pump and air chamber
- 3. Spraying system (including rubber hose and components, switch, sprayer spindle and head)
- 4. Operation arm and components
- Backpack belt system

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Agricultural Knapsack Sprayer KK-BBS-318 /999 / 185 /313

Working principle: By swinging the operation arm and components, the pump bowl rises up and down which allows the sealing ball to turn on and off. This in turn makes the pressure in the air chamber rise up and down which then forces the medicinal liquid into the chamber, the liquid can then go through the spraying system and spurt out as spray.

Characteristics:

- The external form is an imitation of the human backs curve and the combination of the air chamber and pump located in the liquid container makes the whole structure compact and safe with no leakage.
- The operation arm uses an action connecting style so that it can be installed on both sides (mutually changeable). Thus It is convenient and quick in action and the user can operate it accordingly with the right or left hand reducing the labor intensity.
- 3. Various spray heads can be fitted for use in different tasks, to achieve a fine spray and sprinkle effects.
- 4. The chosen materials for the machine are resistant to acid, alkalinity and corrosion. The machine is sealed hermetically and is very durable.

Part NO	Part name	Qty	
12	Leather cup	I	1PV
II	Air dasher	1	PP
10	Felt	1	wool
9	Pulp pressure cap	I	PP
8	Seal cap	I	PP
7	Seal ring	1	PVC
6	Planer	- 1	PP
S	Jet take clip	1	PP
4	Slipt pia	2	Iron
3	Rocker fixer ring	I	PP
2	Beadle cover	1	PP
1	Charger	I	

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Part NO	Part name	Qty	
48	Contact chip	2	SS
47	Spring	4	SS
46	Stitch cover	1	P1T, Transparent
45	On/off button	I	
44	Scree	8	SS
43	Socket	1	
42	Speed controller	1	
4!	Battery cover	1	PP
40	Pressure gauge	1	LED
39	Battery baffle	→ 0	PP
38	Clasp	ı	SS
37	Inlet	1	PVC
36	Clamp	1	SS
35	Pm	ı	
34	Flat washer	2	SS
33	0 ring	ı	Rubber
32	Outlet	1	PP
31	Spray nozzle	1	
30	Back belt	2	
29	Rubber hose	1	
28	Telescope lance	1	
27	Stitch component	1	
26	Filter	1	PNSS
25	Tank	1	PP
24	Luce holder	1	PP
23	Filter	1	PP
22	Seal waive plate	1	Rubber
21	Filler cap	1	PP
20	Backrest	1	PP
19	Gasket	1	Iron
18	Rocker	1	Iron
17	coarcting rod	1	Iron
16	Rocker locator	1	PP
IS	Seal ring	1	PIT
14	Seal valve	2	PP
13	Ball sealer	2	Glass

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Agricultural Knapsack Sprayer KK-BBS-318 /999 / 185 /313

OPERATION INSTRUCTIONS (MANUAL)

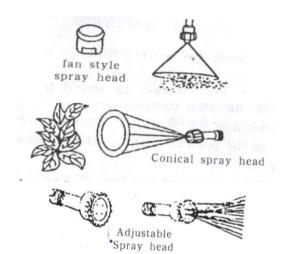
After the packing box of new machine is opened please check all the parts conform to the packing list. Then assemble the machine as per the structure sketch. Before use please wrench the cap off the container. Pour the compounded medicinal liquid through the filter into the container slowly, then close the cap tightly and put the machine on your back. After the pressure in the air chamber is boosted swing the operation arm and then press the switch component to begin spray operation. It can be point-spray or it can be continuous spray. At the same time adjust the nut according to the requirement of the crops in order to improve the quality of spraying.

Choose the different spray-head for spraying correctly. Accompanying with the machine delivered there are 3 kinds spray heads:

Fan style spray: This sprays evenly and is suitable for spraying on low and short stalked crops and for the spraying of weed killer. Keep the spray head stable and spray in the same direction as the wind.

Conical spray head: This can be used for spraying pesticide and insecticide, to prevent diseases and kill insects. Spray in the same direction as the wind.

4 Hole adjustable spray: This can be used for spraying on the high stalk crops and fruit trees. Its shortcoming is the serious running off the medicinal liquid.



OPERATION INSTRUCTIONS (BATTERY)

- Before using the sprayer, firstly you should charge the battery and connect its connector plugs to electrical charging supply with rating pressure 220v till indicator light turns green. It may take about 24 hours for the first time.
- 2. Don't use insoluble powder, else the deposit may lock the filter net. Use liquid chemicals only.
- 3. The temperature of the spraying liquid should not exceed 43°C(110°F)
- User must use filter net to prevent impurity entering into the tank, which could cause blockage and cause malfunction in this equipment.
- Clean the overflow/spilled liquid chemicals on time. Take the battery out and clean it with dry cloth at once if it touches the liquid.

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Agricultural Knapsack Sprayer KK-BBS-318 /999 / 185 /313

- 6. Screw the lid tightly after filling the tank to capacity.
- 7. Turn on the battery supply, press the spraying switch, it would spray in few second, and it would stop spraying when you unloose handle. Please turn off the battery supply when there is no liquid as the equipment would go on working. Also we designed the function of automatic locking in handle to reduce human fatigue.
- 8. Spray remaining liquid to safety place after turning off battery supply.
- 9. Operator should clean the residue in water tank and water pump with clean fresh water
- To preserve the sprayer, please make sure there is no remaining water especially when it was used in cold area.
- 11. Charge up the battery especially after using.(charge up the battery once in every 3 months if it is idle for a long time)

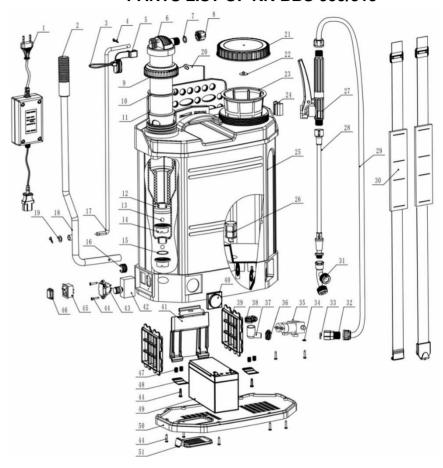
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PARTS LIST OF KK-BBS-999/313



Part NO	Part name	Qty	
51	Buckle	I	PP
10	Tank base	I	PP
49	Battery	1	

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Agricultural Knapsack Sprayer KK-BBS-318 /999 / 185 /313

Par			
t			
NO	Part name	Qty	
51	Buckle	1	PP
10	Tank base	1	PP
49	Battery	1	
48	Contact chip	2	SS
47	Spring	4	SS
46	Switch cover	I	PYC,
			Transparen t
45	On/off button	1	
44	Screw	8	SS
43	Socket	I	
42	Speed controller	1	
4!	Battery cover	1	PP
40	Pressure gauge	I	LED
39	Battery baffle	2	PP
38	Clamp	1	SS
37	Inlet	1	PVC
36	Clamp	I	SS
35	Pump	1	
34	Flat washer	2	SS
33	0 ring	1	Rubber
32	Outlet	1	PP
31	Spray nozzle	I	
30	Back belt	2	
29	Rubber hose	1	
28	Telescope	1	
	lance		
27	Switch	1	
	component		
26	Filter	I	PPtSS
25	Tank	1	PP
24	Lance bolder	1	PP
23	Filter	1	PP
22	Seal valve plate	1	Rubber
21	Filler cap	1	PP
20	Backrest	1	PP
19	Gasket	1	Iron
18	Rocker	1	Iron
17	Connecting	1	Iron
	rod		

16	Rocker locator	1	PP
15	Seal ring	1	PVC
14	Seal valve	2	PP
13	Ball sealer	2	Glass
12	Leather cup	1	HI
11	Air chamber	1	PP
10	Felt	1	wool
9	Pump pressure	1	PP
	cap		
8	Seal cap	1	PP
7	Seal ring	1	PVC
6	Plunger	1	PP
5	Jet tube clip	1	PP
4	Split pio	2	Iron
3	Rocker fixer	1	PP
	ring		
2	Handle cover	1	PP
1	Charger	1	

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TROUBLESHOOTING

Problem	Probable cause	Solution	
The sprayer cannot be started or stopped working suddenly.	The battery has no charge or bad connection. Battery operated protector break the contact as the machine is too hot.	Check the lines and fix the plug correctly. Don't use the sprayer until the battery part cools down	
The liquid can't spray out through the nozzle or the pressure is unstable	 Holes of the nozzle got blocked. Air in tube A blockage in the water pump Water suction tube is broken 	 Dismantle and wash the nozzle. Check the tube to find the leaking place, and fit screw tightly to expel air. Dismantle the water pump's cover and clean it Replace the tube. 	
Low pressure	Filter net in the tank mouth or in the spraying switch is blocked. Battery is out of power	Wash the filter net. Charge the battery.	
Joint is leaking	The joints are loose Rubber seal is broken	Tighten the screws Replace the rubber seal	
Spraying is not proper	Nozzle is blocked The core of the nozzle is broken	Clean the nozzle Replace the core	

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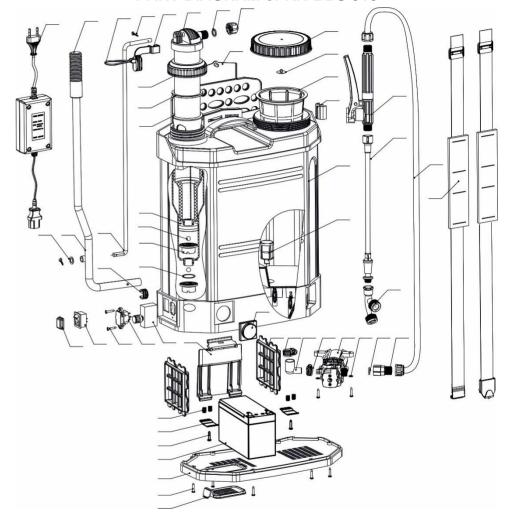
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Agricultural Knapsack Sprayer KK-BBS-318 /999 / 185 /313

TECHNICAL SPECIFICATION

Model	KK-BBS-318	KK-BBS-999	KK-BBS-185	KK-BBS-313		
Chemical Tank Capacity	18L					
Operation type	Battery & Manual	Battery	Battery	Battery		
Battery	12V, 8AH	12 V,12 AH	12V, 8AH	12V/14AH		
Motor	Single Motor	Double Motor	Single Motor	Double Motor		
Charger	1.0A	1.7A	1.0A	1.7A		
Amps	2.2A	6.0A	2.2A	6.0A		
Flow:	81.12 L/hr.	7.2 LPM	3.6 LPM	7.2 LPM		
Press:	80 PSI (6.2 Bar) Cutoff	160 PSI (11 Bar) Cutoff	80 PSI (6.2 Bar) Cutoff	160 PSI (11 Bar) Cutoff		
Additional features	Auto-Cut off Pump • Speed Controller • SS Telescopic Lance • 1.0A Charger	• Robust Construction • Heavy Duty Trigger Control • SS Telescopic Lance • High-Speed Double Motor • Heavy Duty Tank • 12V 12A Battery	• Robust Construction • Heavy Duty Trigger Control • SS Telescopic Lance • High Speed • Heavy Duty Tank • 12V 8AH Battery	• Robust Construction • Heavy Duty Trigger Control • SS Telescopic Lance • High-Speed Double Motor • Heavy Duty Tank • 12V 14AH Battery .(with an additional gun and 3w lamp)		

PART DIAGRAM of KK-BBS 318



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