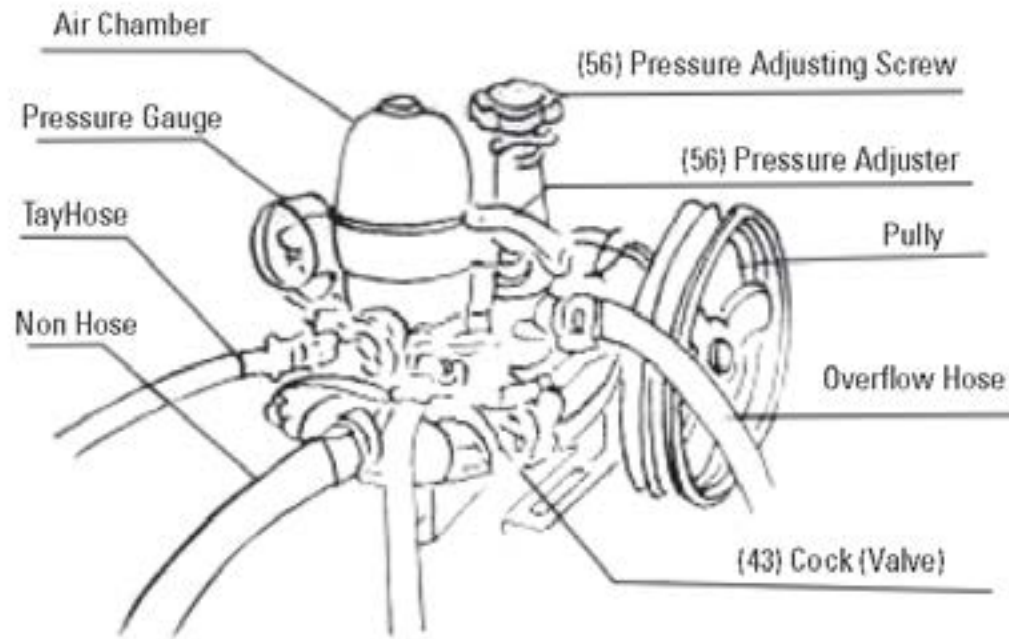


HTP POWER SPRAYER AM22-NT



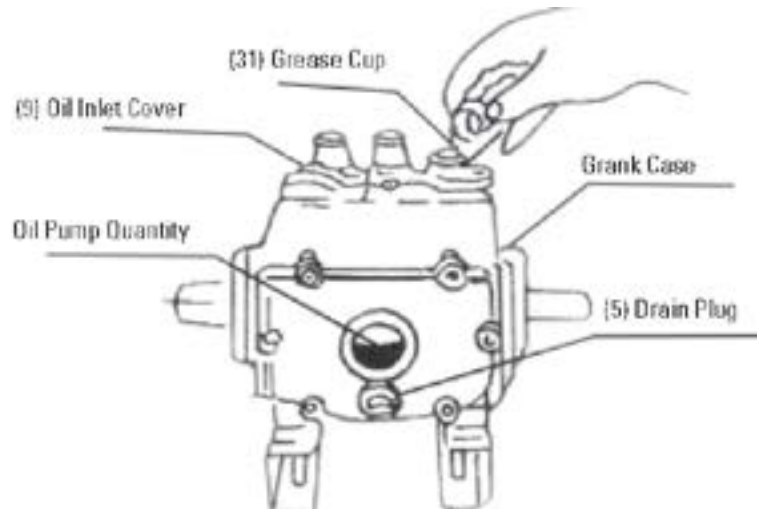
DISCLAIMER : DUE TO CONTANT UPGRADATION FEATURES & SPECIFICATIONS ARE SELECT TO CHANGE WITHOUT NOTICE . BEFORE OPERATING THIS MACHIN PLEASE READ THE INSTRUCTIONS MANUAL CAREFULLY

OPERATION INSTRUCTION



1. Check every fasteners and make sure that the sprayer and the motor are installed firmly on the frame.
2. Set the two pullies in a straight-line, and the belt in an appropriate tightness
3. Every joint of the hoses must be tightened to prevent from leaking
4. Before starting the motor, shut off the (43) cook(valve) loose the (56) pressure adjusting screw and pull the (59) pressure adjuster to the top.
5. Start the motor to power the sprayer, keep a proper revolution, press the (59) pressure adjuster to the bottom. Keep the pressure around 21-35Kgs by adjusting the (56) pressure adjusting screw
6. Open the (43) cock valve to start spraying
7. Alter the spraying is over. Pul the (59) pressure adjuster to the top and operate the sprayer with fresh water to clean out the remaining chemicals.

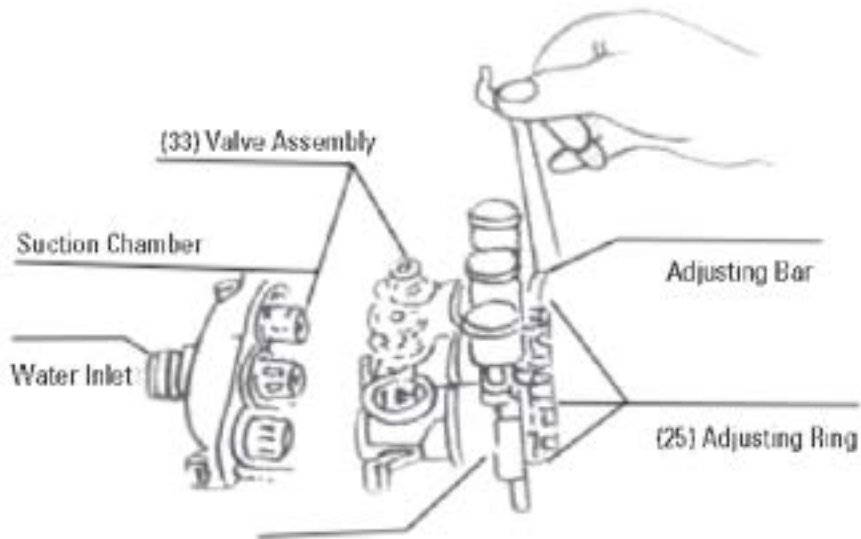
PUMP LUBRICATIONS



1. Replace the engine oil after the sprayer has been used for the first 10 hours, 50 hours, and then every 100 hours.
2. Drain away the dirty engine oil by screwing off the (5) drain plug
3. After the (5) drain plug is screwed on, remove the (9) oil inlet cover and to fill new engine oil grade #30-40
4. Keep the oil level at 2/3 of the (4) oil glass
5. Always fill the (31) grease cups 2-3 cycles every 4 hours of spraying.

AM-22 HTP Power Sprayer	
Used for Spraying Irrigation	
Revolution / RPM	300 1000
Pressure / kg /cm ²	20-40
DISCHARGE	18L/MIN
Power	1.5 - 2.0HP
Imported & Marketed by	
Ratnagiri Impex Pvt. Ltd., Bangalore	

TROUBLE SHOOTING



1. Feeding failure & pressure instability
2. Check whether the (54) suction hose is leaking or is stuck
3. Open the (43) cock (valve) to release the surous air
4. Remove the (39) suction chamber and the (41.44AB) water outlet chamber check if the (33) valve assembly are stuck of damaged.
5. Pressure insufficiency
6. Check whether the pressure has been adjusted properly.
(Refer to the operation instruction No.5)
7. Check whether the belt is too loose
8. Check whether the spray hose and the couplings are broken and damaged.

CYLINDER LEAKAGE

1. Remove the (8) dust proof cover and wind up the (25) adjusting rings.
 2. It still in vain replace the (2.8) v-packing in the (30) cylinder
- Remark () indicates the 'part number' of relative art

SL NO	PART NO	DESCRIPTION	SL NO	PART NO	DESCRIPTION
1	AM22-01	Crankcase	17	AM22-17	Crank Shaft Oil Seal
2	AM22-02	Dust Proof Cap	18	AM22-18	Crank Shaft Oil Seal
3	AM22-03	Pulley	26	AM22-26	Piston Pin
4	AM22-04	Set Bolt	27	AM22-27	Piston [S.S]
5	AM22-05	Set Bolt	28	AM22-28	Crankcase Stand
6	AM22-06	Crank Shaft Oil Seal	29	AM22-29	Screw Washer
7	AM22-07	Oil Inlet Cover Asse	30	AM22-30	Set Pin
8	AM22-08	Rear Cover Packing	31	AM22-31	Piston Oil Seal
9	AM22-09	Rear Cover	32	AM22-32	Waterproof Ring
10	AM22-10	Set Bolt	40	AM22-40	Cylinder
11	AM22-11	Oil Window Assembly	41	AM22-41	Screw Washer
12	AM22-12	Drainage Screw	42	AM22-42	Double End Screw
13	AM22-13	Crank Shaft Key	43	AM22-43	Nut Gasket
14	AM22-14	Crankshaft	44	AM22-44	Grease Cup
15	AM22-15	Connecting Rod Assem	45	AM22-45	V-Packing Seat
16	AM22-16	Bearing	46	AM22-46	V-Packing

SL NO	PART NO	DESCRIPTION	SL NO	PART NO	DESCRIPTION
47	AM22-47	Grease Ring	105	AM22-105	Air Chamber
48	AM22-48	V-Type-O-Ring	106	AM22-106	O-Ring
49	AM22-49	Adjusting Ring	150	AM22-150	Safer Valve Assembly
50	AM22-50	Set Clip	151	AM22-151	Over Flow Chamber
51	AM22-51	Suction Chamber	152	AM22-152	Pressure Valve
52	AM22-52	Suction Chamber Cap	153	AM22-153	Valve Seat
53	AM22-53	Screw Washer	154	AM22-154	Gasket
54	AM22-54	Valve Assembly	155	AM22-155	Screw Washer
55	AM22-55	Valve Cap	156	AM22-156	Pressure Regulating Handle
56	AM22-56	Valve Spring	157	AM22-157	Set Screw
57	AM22-57	Valve Plug	158	AM22-158	Packing
58	AM22-58	Valve Seat	159	AM22-159	Maintaining Ring
59	AM22-59	Valve Packing	160	AM22-160	Valve Rod
100	AM22-100	Outlet Chamber	161	AM22-161	Spring Seat
101	AM22-101	Ball Cock	162	AM22-162	Pressure Regulating Spring
104	AM22-104	Pressure Gauge			

SL NO	PART NO	DESCRIPTION	SL NO	PART NO	DESCRIPTION
163	AM22-163	Spring Seat			
164	AM22-164	Screw Washer			
165	AM22-165	Pressure Regulating pipe			
166	AM22-166	Pressure Regulating screw			
180	AM22-180	Filter			
181	AM22-181	Socket			
182	AM22-182	Suction Hose			
183	AM22-183	Suction Hose Wing Nut			
184	AM22-184	Suction Hose Socket			
185	AM22-185	Over Flow Hose			
186	AM22-186	Over Flow Hose Wing Nut			
187	AM22-187	Over Flow Socket			

INSPECTION & MAINTENANCE

For safety use, make sure the machine is cleaned every three-months. Before working, make sure to inspect the filter and the nozzle, and ensure there is no impurity. After working, make sure there is no water in the pump and the hose.

If the machine needs to be repaired in the guarantee period, please return the machine to the shop. You need to provide the certificate of purchase in order to repair or get the substitute.

Before Packing, the machine should be cleaned, then use closed packaging, packaging should be firm. Store the machine in dry place.

For transportation safety. The machine should comply with ISTA.



Meaning of crossed - out wheeled dustbin:

Do not dispose of electrical machines as unsorted municipal waste, use separate collection facilities.

If electrical machines are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.






When replacing old machines with new ones, the retailer is legally obligated to take back your old machine for disposals at least free of charge.

KEY FEATURES

1. Products are totally uniformed in size in accordance with specific requirement.
2. Professional treated materials for longer durability, compact design for easy carrying.
3. Compact and sleek design To take care of cylinder, suction metal & discharge metal to prevent leaking of traditional type and increase durability.
4. Long life leakless pump. Made of high durability FCD45 casting ductile.






WARRANTY CARD

CUSTOMER COPY

DATE _____	DATE OF DELIVERY _____	DEALERS OFFICIAL SEAL	DEALERS SIGN _____
PURCHASERS NAME & ADDRESS _____ _____	 CUSTOMER SIGN		
PRODUCT NAME	PRODUCT SERIAL NO.	INVOICE/DN NO.	
			






I/Will accept the terms and conditions of warranty as in the warranty card

DEALERS COPY

DATE _____	DATE OF DELIVERY _____	DEALERS OFFICIAL SEAL	DEALERS SIGN _____
PURCHASERS NAME & ADDRESS _____ _____	 CUSTOMER SIGN		
PRODUCT NAME	PRODUCT SERIAL NO.	INVOICE/DN NO.	
			

I/Will accept the terms and conditions of warranty as in the warranty card

COMPANY COPY

DATE _____	DATE OF DELIVERY _____	DEALERS OFFICIAL SEAL	DEALERS SIGN _____
PURCHASERS NAME & ADDRESS _____ _____	 CUSTOMER SIGN		
PRODUCT NAME	PRODUCT SERIAL NO.	INVOICE/DN NO.	
			

I/Will accept the terms and conditions of warranty as in the warranty card

1. LIMITED WARRANTY PERIOD : For a period of six months from the date of Sale / delivery of the product which ever is earlier. 2. LIMITED WARRANTY OBLIGATION : Replacement of defective part(s) by authorized dealer are free of charges. If found defective by reasons of defective material / poor workmanship, parts will be replaced and there will be no value re-imburement. 3. TERMS & CONDITIONS : a. Claims under warranty will be accepted on submission of Warranty Card duly filled and stamped by authorized dealer together with the original purchase document. : b. Shipping / transportation / Incidental charges incurred in replacing defective parts under warranty shall be borne by the purchaser

WARRANTY null & void if

- (i) Lack of maintenance, (ii) Incorrect use of the machine or tampering, (iii) Use of non-genuine spare parts, (iv) Usage of acids, solvents, or any flammable materials, (v) Non-usage of filter water / clear water / soft water & using water above 40°C temperature, (vi) While using the pressure washers to draw water which is contaminated with dust & solvents (eg. paint thinners, gasoline, oil, etc.), (vii) Repair done by unauthorized service people, (viii) Those parts subject to wear & tear due to normal operations and plastic parts, rubber items etc, (ix) Loose connections, faulty electrical fixtures & fluctuations in power supply.
- 4. Should any failure occur during or after the warranty period, customer does not have the right to interrupt payment / price discount.
- 5. Incidental or consequential damages like inconvenience commercial loss, loss of tie, mental agony etc.
- 6. Loss of any nature due to operation or non-operation is not covered under warranty.
- 7. All free service are at Dealer's service point only.
- 8. Warranty ceases if service is not done periodically.
- 9. The attached card should be completed and returned to Ratnagiri Impex Pvt. Ltd. for registration immediately after sale / delivery.
- 10. The warranty is void unless you register the warranty card with Ratnagiri Impex Pvt. Ltd.
- 11. The decision of Ratnagiri Impex Pvt. Ltd., in settling the warranty is final in all respects.
- 12. All disputes are subject to Bangalore Courts Jurisdiction

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FREE SERVICE COUPON (30DAYS/30HRS. WHICHEVER IS EARLIER)

MODEL

SERIAL NUMBER

PDI DATE

SERVICE NO.

PURCHASE BILL NO.

DATE

DEALERS OFFICE SEAL

- 1. Check and test the fuel mixture
- 3. Check , clean and adjust the spark plug
- 5. Check and sparken the cutting tools
- 7. Start and check the noise, vibration, loosen etc..

OPERATIONS

- 2. check and clean the air filter
- 4. Check and adjust the carburetor tuning
- 6. Product familirisation on usage
- 8. Routine maintenance and shortage.

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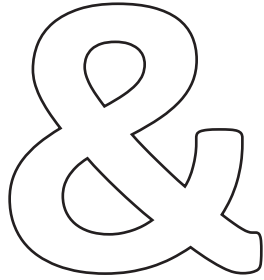
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DOS

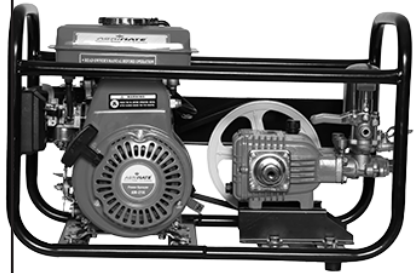
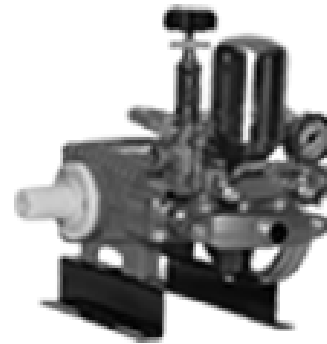


DONT'S

1. Always read the instruction manual supplied along with the equipments and understand the correct installation and operating procedures before attempting to use the equipments.
2. It is important to use the personal protection equipments such as head helmet with visor, ear defenders, goggles, safety gloves, cut resistant shoes, trousers and jackets while operating potentially dangerous machines
3. Avoid untrained persons using the equipments. Children must not be allowed to handle these equipments
4. Always use genuine spares and accessories in repairs and usage to derive maximum life of the equipments.
5. Always keep the equipments in good working condition to minimize loss of output as well as to reduce the pollution and save the environment
6. Do not use the machine within range of persons unless they wear protective clothing
7. Do not operate the machine when fatigued or under the influence of alcohol or drugs
8. When the machine is running, please maintain a constant water supply. Without water circulation will damage the sealing rings of the machine.
9. For more query kindly contact for our Service Center/Dealer/ franchise

Agrimate Army For Pest Control

ANY WHERE - ANY TIME - ANY CROP



Marketed by:
**ratnagiri
impex**
BRINGING YOU THE FUTURE... NOW

RATNAGIRI IMPEX PVT., LTD.,

Annapurna House, #1 / 1G, 7th Cross, New
Guddadahalli

Mysore Road, Bangalore - 560 026

Missed Call : 7393 938 938

Email: ask@agrimart.in