

SPRAYERS

PT600 Model



USER MANUAL



Before using machine, surely read this manual



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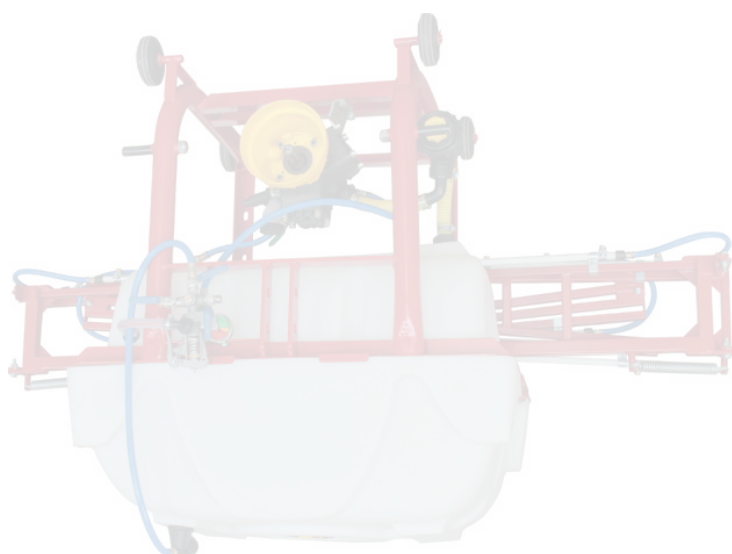
SPRAYERS

⚠ CAUTION !

- * REED USED MANUAL BEFORE USING !
- * KEEP CHILDREN AWAY WHEN MACHINE IS RUNNING !

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Machine's assemble fixes to tractor whereby tractor connection equipments.

ASSEMBLE OF DRIVE SHAFT

After machine assembled to the tractor, provides drive shaft's connection to pump drive and tractor tail drive.

CAUTION : Make sure that drive shaft should be completely fixed between pump drive and tractor tail drive. Otherwise damages occurs on your machine.

FIRST MOVEMENT TO PUMP

Tail drive shaft's transmission taking to the proper rotation for atomizer, hydraulic levers adjusts without make any swagger and scrapes to drive shaft.

After made adjustment of spraying height of atomizer, gives first movement by slow rotation.

If there is no any problem such as impact,swagger,scrape,noisy,etc, machine gets to necessary speed for operation.

CAUTION : FOLLOW UP PRESSURE FROM PRESSURE GAUGE IN ORDER TO PREVENT EXTREME ROTATION OF ENGINE.

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03



CAUTION !
DO NOT GET INTO !
YOUR HAND TO MOVING PARTS



CAUTION !
Do not use flammable and inflammable fluid with pulverizators.



CAUTION !
DO NOT GET INTO !
YOUR HAND TO MOVING PARTS



CAUTION !
PAY ATTENTION LENGHT OF SHAFT
CONVENIENT TO TRACTOR OR NOT
IF SHAFT IS LONG MAKE
IT SHORT CCORDING TO
THE TRACTOR.



Do not dispose of waste produced
by the machine directly in the trash.
Handle depending on your countries
environmental regulations.



CAUTION !
DO NOT SPRAY CHEMICALS
TO THE LIVINGS.



**HOT
SURFACE**



For cleaning and maintenance
you should wait for the motor
stop first.



CAUTION !
BEFORE RUNNING
FILL OIL !
Engine : 650 ml - No.10/40
Pump : 650 ml - No.30



Despite the chemicals are
corrosive and toxic, you should
use protection masks, glasses
and gloves.



**HOT
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For cleaning and maintenance
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**KEEP YOUR MACHINE
FROM RISK OF FREEZING**



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Tail drive shaft's transmission taking to the proper rotation for atomizer, hydraulic levers adjusts

CAUTION : Make sure that drive shaft should be completely fixed between pump drive and tractor tail drive. Otherwise damages occurs on your machine.

After machine assembled to the tractor, provides drive shaft's connection to pump drive and tractor tail drive.

Machine's assemble fixes to tractor whereby tractor connection equipments.

SAFETY INSTRUCTIONS

- In case of any malfunction or suspected negative operation, do not interfere during working/operating. Firstly let your machine stop and then intervene.
- For safety reasons; Keep children away from the machine when the machine is in operation or not.
- During working with the machine; Wear your protective clothing, safety goggles and mask.

CAUTION !

- At the end of daily operations, stop your machine completely and take necessary measures, then clean regularly. This is important both for hygiene and also to extend the lifetime of your machine.
- Never wash your machine, clean it with a damp cloth or sponge.
- Store your machine in a dry and clean place.
- Contact your authorized technical service in case of any malfunction in your machine.

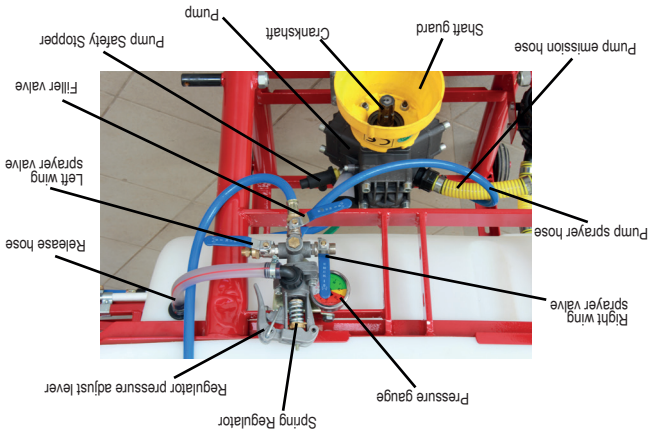
DESCRIPTION OF MACHINE WORKING PRINCIPLE

the pump with three pistons that taking movement from thermal engine by belt pulley, pushing the liquid to spraying control group which has been absorbed from chemical tank. the liquid that adjusted of pressure in here is forwarded to the sprayer gun via hose.pulverization process is being done by sprayer gun which has adjustable spayer head.

04

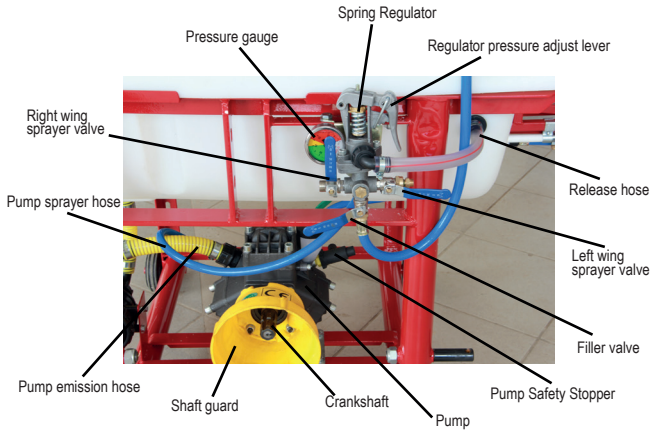
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Model	PT600
Tank Capacity	600 L
Tank Material	POLYETHYLENE
Mixer Type	Aluminium type, with plastic filter
Spraying Distance (Max./Min.)	43 cm
Spraying Pipe & Hose Lenght	9,57 m
Pump Type	3 Mebran
Pump RPM.	540 rpm/min
Max. Pressure	50 bar
Moving System	Works/operates by taking movement from Tractor tail shaft
Weight	140 kg



SPRAYER PT600 - Technical Specifications

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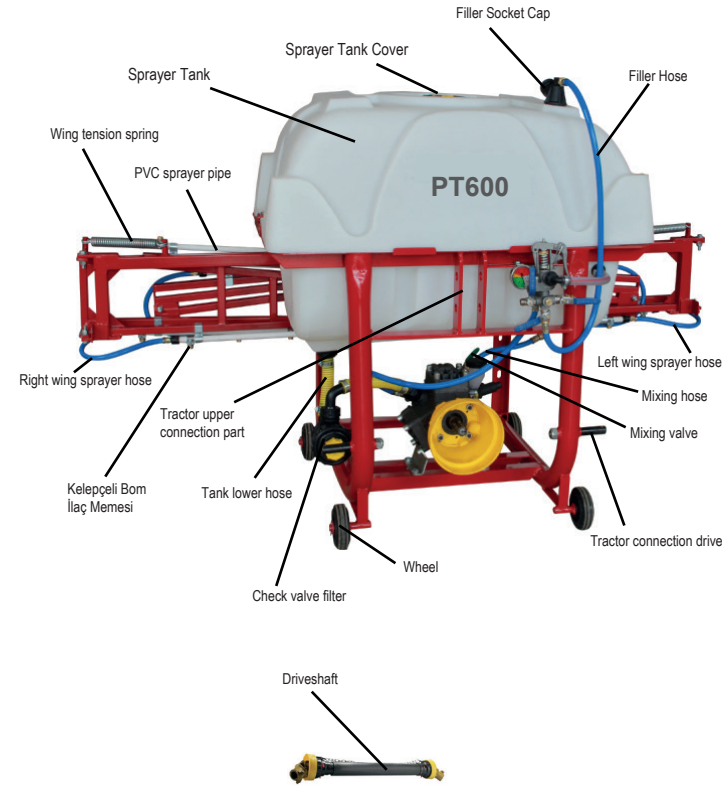
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SAFETY INSTRUCTIONS

SPRAYER PT600 - Technical Specifications



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CAUTION:POINTER SHOULD BE ADJUSTED NOT TO OVER / PASS 40 BAR WHILE MAKING PRESSURE ADJUSTMENT. OTHERWISE THERE MIGHT DAMAGE ON YOUR ENGINE.

Wings gets open towards to place to be spraying. Wing valves that left and right (only get opens one depending on request).
in the meantime, Pressure adjusts by the 3 steps pressure adjustment latch which upon of regulator in order to make sufficient pressure .

SPRAYING PROCESS

NOTE: MIXING VALVE CAN BE LEAVE CONTINUOUSLY OPEN DURING OPERATION, NO PROBLEM FOR ENGINE.

- Fresh water tank fills about 10 ltrs water before taking water from outdoor sources (creek, well, water channel,etc)
- Valves goes to wings (or to sprayer gun) gets close up.
- Water receiver hose fixes to the water tank by opening filler socket cap.
- By opening filler valve provides water circulation in the tank.
- By giving movement to the pump that provides taking of enough water as requested.
- Chemicals (according to the process that will be done) pours inside of tank by opening sprayer tank cap that on the existed water filled tank. After that upper cap get close up.
- Movement given to pump by taking mixing valve which on the pump taking to the open position.
- Water and chemical mixing provided like this.
- Completion of mixing duration shows changes according to the used chemical's qualification.

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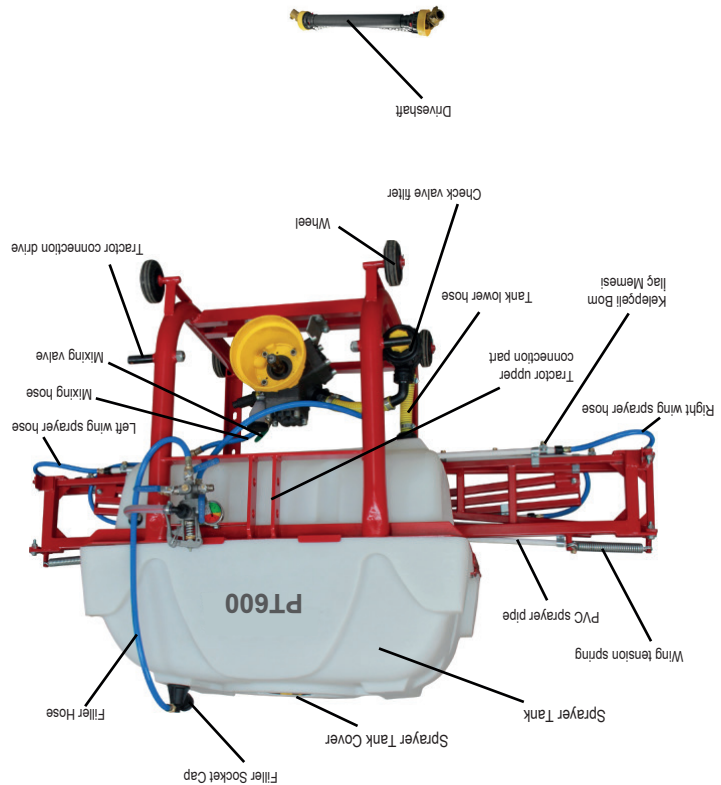
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SPRAYER PT600 - Technical Specifications

THINGS TO DO CROP PROCESSING & ENDING

ALL MAINTENANCES AT THE BELOW MUST BE IMPLEMENT IN TIME FOR THE GUARANTY VALIDITY.

MACHINE MAINTENANCE

*THE TANK SHOULD BE WASHED WITH CLEAN WATER AFTER EACH USE AND THE MACHINE WORKING METHOD USED TO CLEAR OUT. IN THIS WAY PUMP, HOSE AND WEAPON CAN BE CLEANED.

*FIRST CHANGE OF PUMP OIL MUST BE DONE AFTER 10 HOURS.

*SECOND CHANGE OF PUMP OIL MUST BE DONE AFTER 50 HOURS.

*THIRD CHANGE OF PUMP OIL MUST BE DONE AFTER 70 HOURS.

*ENGINE OIL SHOULD BE CHECKED EVERY 100 HOURS.

*AIR FILTER SHOULD BE CHECKED EVERY 100 HOURS.

*SPARK PLUG SHOULD BE CHECKED EVERY 50 HOURS.

*THE FELT OF PUMP COMPRESSION SHOULD BE CHECKED EVERY 50 HOURS.

*THE PUMP VALVES SHOULD BE CHECKED EVERY 100 HOURS.

EXCEPT AS AUTHORIZED SERVICE PERSON IF TRY TO REPAIR AND REMOVING THE MACHINE SPARE PARTS OR INSTALLING AFTERMARKET PURPOSE OR NON- USE OF MACHINE VOID THE GUARANTY EXCLUDES .

IF THE MAINTENANCES DOES NOT IMPLEMENT THEN THE MACHINE WILL NOT UNDER THE GU-ARANTY.

OIL CHANGING

Oil filling cover & oil level bar

Oil filling inlet

upper limit

lower boundary

You should use no.20-50 motor oil inside motor.

ONLY GASOLINE TYPE ENGINE SPRAYERS

THE USED OIL SHOULD BE DRAINED WHILE THE ENGINE IS HOT.

Before each use you must control oil level

THE TANK SHOULD BE WASHED WITH CLEAN WATER AFTER EACH USE AND THE MACHINE WORKING METHOD USED TO CLEAR OUT. IN THIS WAY PUMP, HOSE AND WEAPON CAN BE CLEANED.

Do not forget, sandless water makes provide lengthen using life of your pump. Do not leave water inside of pump hose and sprayer gun equipments in order to prevent frost during winter and cover up your engine.

WARNING !

CLEAN THE FILTER

ENDING OF EVERY TANK !



Fill up the oil tank when the cursor comes half filling level position. 20-50 engine oil should be used in the pump. If the pesticide remains the tank after sprayin it will be harmful to the machine. FOR ONLY GASOLIN ENGINE TYPE



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WHILE MOVING AND TRANSPORTATION !

- Please get fasten up mobile parts of machine while doing transportation process.



USE & MAINTENANCE INSTRUCTIONS

1- Regularly clean the filter that inside of the tank (once a day) reducing from the oil level indicator which behind of pump.)

2. Clean inside and outside of chemical tank with fresh water after work finished.

3. Do not leave machine at outdoor after work finished.

4. Your machine will be ready to spraying after you put chemical inside to tank and mix.

5. WARNING : If the pump reduce oil, add 20 x 50 engine oil from oil filling cap which over pump. (Check the oil reducing from the oil level indicator which behind of pump.)

CAUTION! DON'T PUSH THROTTLE SUDDENLY

Wash with fresh water after work finished !

- Keep it store between -50°C and +40°C temperatures.
- Do not clean your machine with wet something in order to make your machine long life against to corrosion.
- Check the screws periodically once a month. tighten the loosen screws.
- Load off the machine 15 minutes in every 1 hour while it is working.

Please stop the machine in order to mame periodic maintenance.



MALFUNCTION AND MAINTENANCE INSTRUCTIONS



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