

Fransgård

Manual

GB



Swath wilter

SV-250-09SE

Fransgård

Fredbjergvej 132, Denmark-9640 Farsø www.fransgard.dk

Model	SV-250-09SE
Kg.	850
KW	45
Serie nr.	



Made in Denmark

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TECHNICAL SPECIFICATIONS:

Working width	2,50 mtr/8'2"
Transport width	3,00 mtr/9'8"
Working speed, max	8-13 km/h / 5-8 miles/h
Power requirement.....	60 hp/45 kW
Power take-off.....	540 rpm
Tyre size	16,5 x 8" – 6 ply
Weight.....	660 kg/1,455 lbs
Number of double rake tines.....	72 pcs

SAFETY PRECAUTIONS

It is the owner's responsibility to instruct all equipment operators and support personal in the operation of the machine. Do not operate this machine until the owner's manual has been completely read and understood.

New owner's manual is available from your dealer or the factory telephone: +45 98 632122.

All covers and screen must be correctly positioned and checked before the machine is started. It is dangerous to remain in the machine's working area while its working parts are rotating. Keep hands, feet and clothing away from the power driven parts! Do not leave the tractor running unattended.

Disengage the PTO and turn the tractor off before you service the machine.

The machine is made to work in hay and straw crops, and may not be used for anything else.

The machine may only be operated by qualified operator.

Familiarise yourself with the controls and how to stop the machine and tractor in an emergency.

Do not let children or incapable persons operate the machine. Machine lubrication, adjustment and setting may only take place while machine is not in use and while the power take-off is switched off.

Remove the keys so the tractor cannot be started up accidentally.

Retighten bolts and check adjustments after approx. 5 hours of operation.

Use only original Fransgård spare parts.

Introduction:

Assemble instructions

The swath Wilter model SV-250 is partly assembled from the factory. All loose parts have to be mounted according to the parts drawings later in this manual. Loose part which is not mounted is: 3 point hitch, 2 pieces stabilising parts, 2 pieces rake tines, 2 pieces wheels with brackets, support leg, PTO-cover and 2 pieces swath deflectors.

The gearbox is from Fransgård filled with 1,2 litre SAE 80/90 W oil and need to be checked by the plug at the back of the gearbox before starting to operate (picture 1).

The machines is mounted with 4 pieces V-belts, which is tightened from Fransgård, but need to be checked before operation otherwise retighten (picture 2).

Mounting on the tractor

The swath Wilter SV-250 is mounted on the tractors 3 point hitch and the PTO is mounted after this. It is very important to check the length of the PTO in both working- and transport-position.

Picture 1



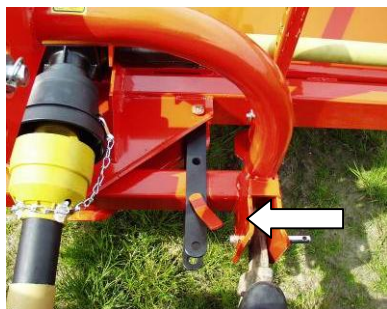
Picture 2



Picture 3



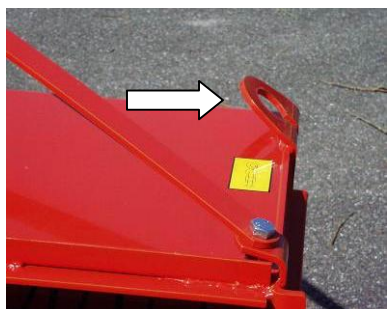
Picture 4



Picture 5



Picture 6



Starting the machine

The machine is lowered on the wheels (picture 3) which is adjusted to the needed raking height. Fine adjustment of raking height is done on the top link. The support leg is raised. The swath deflectors are adjusted to proper swath width. By spreading you can dismount the swath deflectors if needed. The machine can be adjusted to the right/left (picture 4) so the swath is moved to the side.

Never reverse with the tractor and swath Wilter SV-250/SV-250-09 when the machine is running on its wheels.

The best working performance is done by a forward speed from 8 – 13 km/h (5-8 miles/h). Please check rotor- and forward-speed according to the hay/crops and your field conditions.

Lubrication and maintenance

For every 5 hours working the machines bearings, and stickers (picture 5) and PTO shaft. Retighten bolts, nuts and V-belts at the same.

The gearbox is filled with 1,2 litre gear oil SAE 80/90 W and has to be checked daily and refilled if needed.

Storage

Before the machine is stocked for the winter, the machine has to be cleaned and greased properly. V-belts have to be loosened and swath deflectors have to be dismounted (take less space). The machines are equipped with a lifting eye (picture 6) in each side for lifting and storage.

Ordering spare parts

When you order spare parts please inform the following:

1. Type of machine (SV-250/SV-250-09) and serial no.
2. Spare part number, maybe dimension and number of parts.

Assembly and user guide for escalator unit on SV-250SE

Assembly guide

1. Screws and nuts etc. are placed on the right spots.
2. The two tube brackets must be fixed into the brackets just above the wheels on the main frame, please note there is a right and left bracket. Hang up the escalator unit into the tube brackets, and tighten all screws.
3. Insert the hoses into the holders on the tube
4. Attach the guard on the back, and the cylinder.
5. Pull the hydraulic hoses through the brackets on the three point linkage
6. Attach the swath guards (left and right)

Users guide

1. Please read the safety precautions in the SV-250 manual.
2. The escalator unit is equipped with an oil motor operating the escalator. **Attention: the flow must not exceed 20 litre per minute, and the pressure 140 bar.**
With the oil motor you are able regulate the speed of the escalator, and bringing the crop either to the left or the right. Further to this you ca also collect three swaths.
3. The escalator has been adjusted from the factory, though it is necessarily from the first hour of use to make some extra adjustments.
To avoid the escalator being angled, please make sure that both ends on the escalator is equal adjusted. This can be measured from the escalator frame to the centre of roller axle (fig. 1/2)



