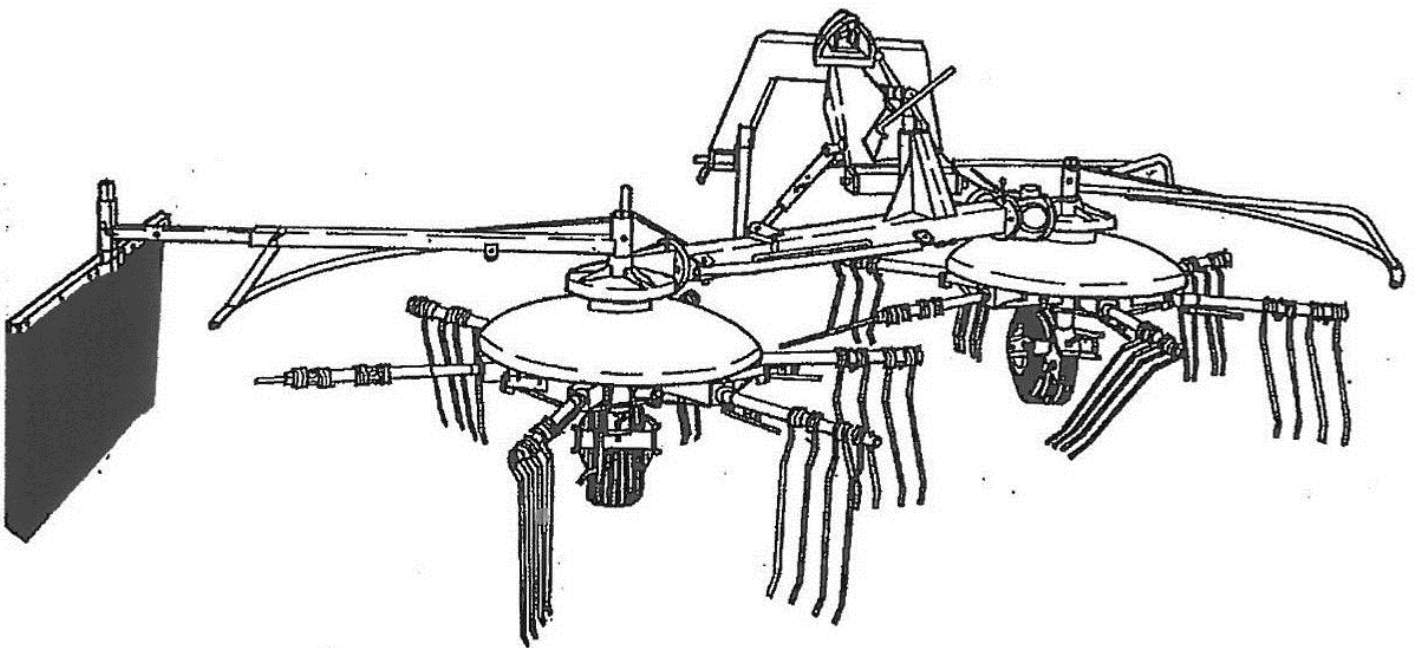


Fransgård

Manual
GB



Universal Haymaker

TI-5000

Fransgård

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

Model

TI-5000

Kg.

450

KW

30

Serie nr.



Made in Denmark

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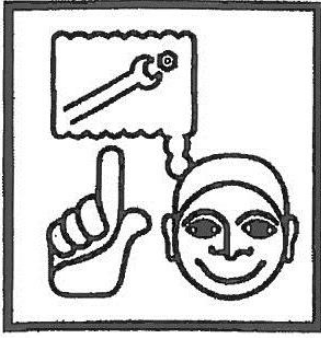
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TECHNICAL SPECIFICATIONS

Working width	3,40m/11,5'-4,20m/14,0'
Transport width	2,70m/8,8'
Working speed, up to.....	10-15km/h.
Power requirement	40hp/30kW.
PTO	max.400 rpm.
Tyre size	16,5x8,00-2 pcs.
Weight.....	450 kg/990 lbs.
Number of tines	24 pieces



SAFETY PRECAUTIONS

All screens must be correctly positioned and checked before starting the tedder. It is not advisable to remain in the working area of the tedder while working parts are rotating.

The machine is made to work in hay and strawcrops, and must not be used for anything else.

The machine must only be operated by qualified operator.

Machine lubrication, adjustment and setting may only take place while the tedder is not in use and while the power take-off is switched off.

Tighten bolts and check settings after approx. 5 hours of use.

Only use original Fransgård spare parts.

Read instructions for use carefully before starting.

INTRODUCTION

The Fransgård Combirake model TI-5000 is one of the fastest and most effective combirakes on the global market, and has all the working functions: Tedding, turning over and raking up. For tedding, the rake arms are in the locked position, and the machine leans forward to level the material evenly.

For raking up, the rake arms are cam-track controlled so in the fact that the tines tilt upwards, allowing the material to be treated very gently.

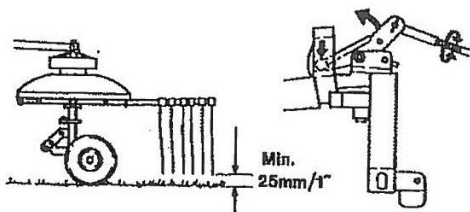
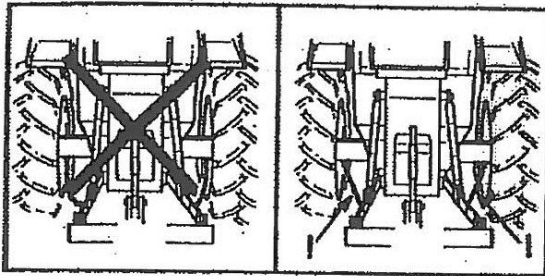
When driving with the top bar handle in floating position, the bolt (42400) has to be removed and the top bar adjusted as shown in the illustration.

The machine is fitted with balloon tyres with a wide bearing surface.

The rotor speed and forward speed of the tractor must be selected on the basis of the type and state of the crop.

PTO: Tedding and turning over, 400-max. 500 rpm.

PTO: Raking up, 350-max. 400 rpm.



MOUNTING

Mount the connecting frame (55006) on the middle frame (55528) by means of the adjustment fitting (55005).

Mount the middle frame (55524) on the connecting frame (55006) using the bolt (55507), and then screw the handle (51259) and thread spindle onto the fitting on the middle frame (55524).

Mount the treepoint hitch (55522) on the middle frame (55524) using the bolt (55523). Mount the fitting (55504), (55505).

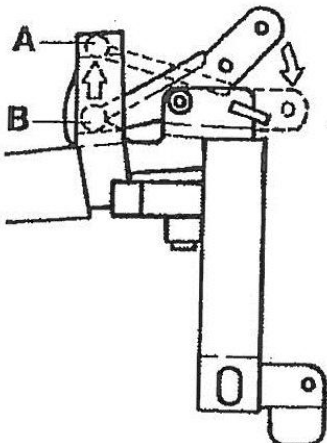
Mount the PTO. fitting (42503).

Mount the wheel fittings (55515). Mount the supporting leg (55525).

Fit the protection hoop (55512), (55518) and the bracket (55516), (40274). Mount the PTO shaft.

Mount fitting (55017) with tines.

See also the mounting/spare parts drawings on the following pages.



WORKING POSITION

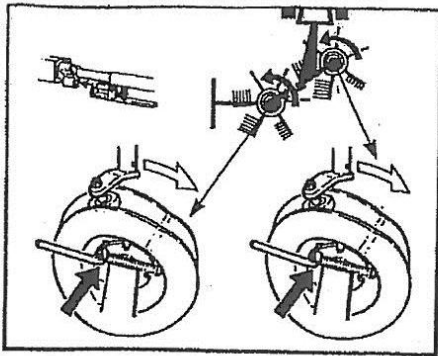
The Ti-5000 combirake has two work settings for the three-point suspension:

A: Top bar handle in fixed position.

B: Top bar handle in floating position.

When driving on slopes and hillsides, etc., it is best to have the three-point suspension in the fixed position (A:).

The TI-5000 combirake has four different working positions in all.

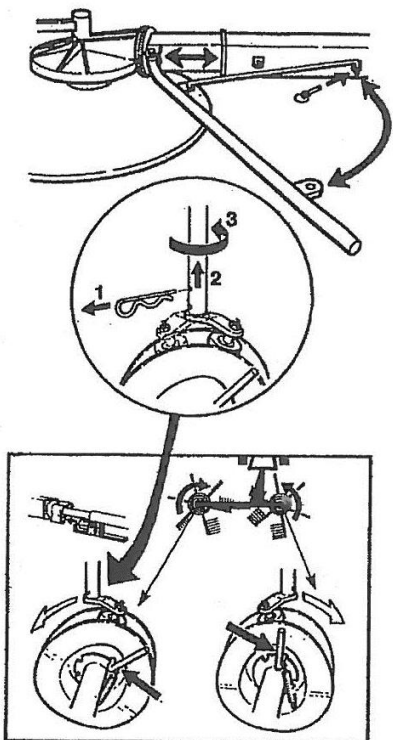


Pos. 1

POS.1: RAKING INTO SIDE SWATHS

When raking to the side, the machine always runs at an angle behind the tractor (adjust bolt 55503). **Set the working width of the machine to the middle position (pos.1) using handle (55012).** The rotors rotate in the same direction (lever on reversing gear 42447) **and are engaged in the reversing gear in such a way that the pick-up springs cannot touch,** while the rake arms run in the cam guide. Adjust the cam guide (42440) as shown in the illustration for pos.1. Adjust the wheels so in the fact that they run parallel the direction of travel.

The right-hand protective bracket should have been fitted, while the left-hand protective bracket should be fitted and adjusted in the central hole on the mounting (55516). Adjust the catch arm to the required swath using the mounting (42489).



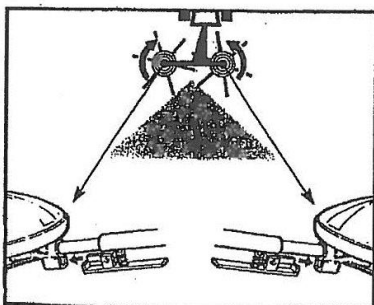
Pos. 2

POS.2: RAKING INTO CENTRAL SWATHS

When raking into central swaths, the machine always runs straight behind the tractor (adjust bolt 55503). **Set the working width of the machine to the middle or widest position (pos.1 / pos.2) using handle (55012).** The rotors rotate in opposite direction (lever on reversing gear 42447) **and are engaged in the reversing gear in such a way that the pick-up springs cannot touch,** while the rake arms run in the cam guide. Turn the mounting for the rake arms (55513) on the-left hand rotor through 180° (see illustration for pos.2). Remove splint pin (42479) then pull rake arm mounting back and turn. Then pull the mounting for the rake arms back and turn, thereby making room to fit the previous mounting in the cam guide. The mountings should be turned at the highest level of the cam guide. Turn the rake arms to the correct working position (see illustration for pos.2). Adjust the wheels so in the fact that they run parallel to the direction of travel. The right-hand protective should have been fitted, while the left-hand protective bracket should be fitted and adjusted in the outermost hole on the mounting (55516). Remove the catch arm.

TEDDING

For tending, mount the fitting with the tines in the fixed position on the rotors. Set the machine by means of the handle (51259) located at the top of the middle frame so it leans forward. Do not allow the tines to touch the ground. **Set the working width of the machine to the narrowest position (pos.3) using handle (55012).** The rotors rotate in opposite direction (lever on reversing gear 42447) **and are engaged in the reversing gear in such a way that the pick-up springs cannot touch.**



Pos. 3

TRANSPORT POSITION

Change-over from working position to transport position is as follows: lift the machine a little off the ground and set it to the intermediate working width by means of the adjustment fitting (55012). Release the retaining brackets (55516/40274) and turn both protection braces behind the machine. Refit the retaining brackets in the second hole in the protection braces. Release the machine from the bolt (55503). The machine then needs to be turned around until the bolt (55503) can be mounted as intended on the fitting (55504). Remember to fit the cotter (1220035). Move fittings with tines to the fittings which face towards the middle of the machine. Remove the catch arm

ORDERING SPARE PARTS

The spare part order must contain the following information:

- 1. Machine type.
- 2. Spare part number and description-possibly dimensions and number of parts.

LUBRICATION AND MAINTENANCE

Lubricate PTO shaft after every 10 hours of operation, and lubricate the indicated lubrication points as and when required. Retighten bolts.

The gearbox is filled with 0.8 litres of SAE 90 gear oil. It should be checked daily and topped up if necessary.

