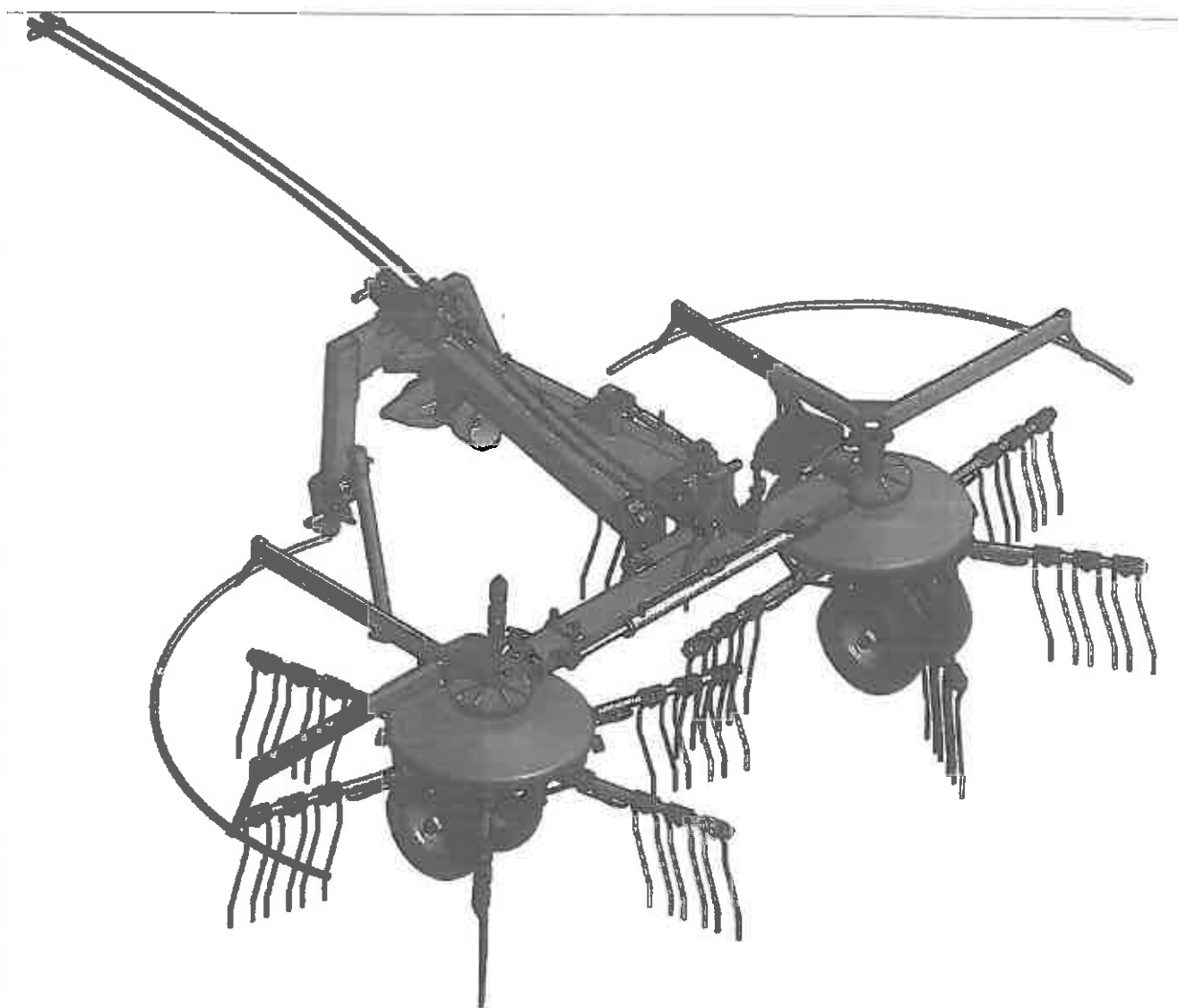


# Fransgård

Manual  
GB



Universal Haymaker

TI-6000S

# Fransgård

Fredbjergvej 132. Denmark - 9640 Farsø. [www.fransgard.dk](http://www.fransgard.dk)

Type	TI-6000S
Kg.	710
KW	60
Nr.	42800XXX



Made in Denmark

Fransgård Maskinfabrik A/S

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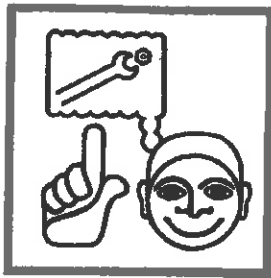
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## TECHNICAL SPECIFICATIONS

Working width .....	4,20m-6,20m./13,8-17ft.
Transport width .....	2,40m/7,8ft.
Working speed, max .....	10-15 km/h./7-10 mph.
Capacity .....	4-8 ha/h./10-20 acres/hr.
Power requirement .....	40hp/30kW.
PTO .....	max.400-540 rpm.
Tire size .....	16,5x6,5-8/6 ply.
Weight .....	710 kg/1550 lbs.
Number of tines .....	36 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-6000 S 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.

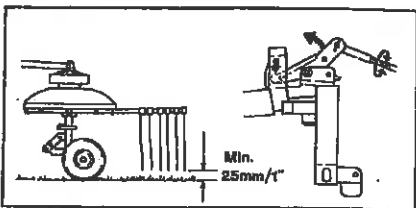
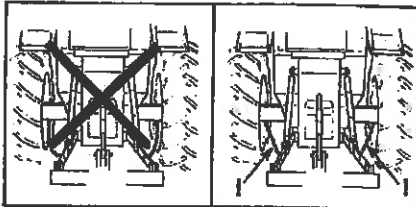
For raking up, the rake arms are cam-track controlled so in the fact that the tines tilt upwards, allowing the material to be treated very gently.

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.



## ASSEMBLY

Mount the intermediate frame (42407) on the main frame (42808) with bolt (42413), then mount the cotter (741190285) and the bolt (42452) with cotter pin (1210075), after which mount three-point suspension (42505) on intermediate frame (42407) with bolt (42506) and cotter (741190155).

Mount the top-link attachment (40521) on the three-point suspension (42505) with bolt (41463), bolt (42400) and cotter pin (1210075).

Mount support leg (42404) with bolt (15558) and split pin (1220040).

Mount the top-link (42505A) with bolts (42412) and cotter (741190215).

Mount the wheel, which are assembled complete with mounting, on the machine with bolt (41431) and cotter pin (1210060).

Fit hydraulic hose (42448) to large cylinder (42451) with hexagon nipple (42419) and copper washer (42418).

Take the hydraulic hose through U brackets on three-point suspension (42505) and intermediate frame (42407).

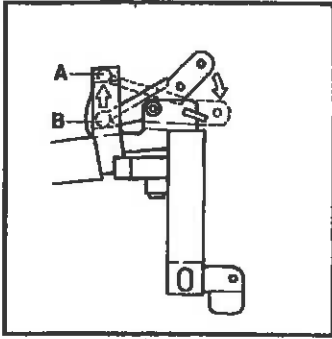
Assemble protective bracket (42894-42822) and protective mounting (42894-42821) with bolts and nut.

Mount the bracket's (42724) with rubber bushes on top of the gearbox with the bolts and washers, now mount the two protective bracket assembly's with bolts (740211472) and bolt (42423).

When mounting is complete, keep protective mounting in place by means of mounting (42856-42892), Note there are left and right protection guards.

Mount the PTO shaft. Mount the fitting with tines.

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



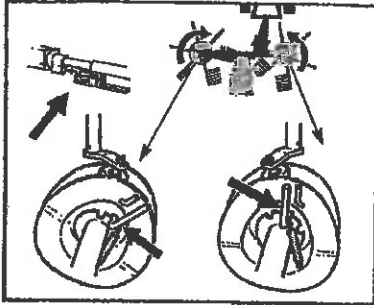
### WORKING POSITION

The TI-6000 S 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:)



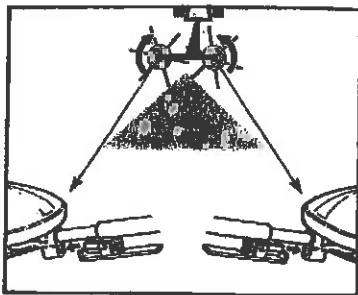
### RAKING UP

For raking up, mount the fittings with the tines in the cam-track controlled fitting on the rotors. Adjust the wheel height by means of the wheel fitting under the rotors in the bottom or next-to-bottom hole. The machine must be adjusted for horizontal position using the spindle located at the top of the middle frame. Do not allow the tines to touch the ground.

The machine is equipped with a hydraulic cylinder for adjustment of the working width. The selection of working width depends on the crop to be teded and the desired swath width.

Under the rotors the cam-tracks are equipped with a handle which tines deliver the material. The selection depends on the state of the crop and the desired swath width.

The machine is set to middle / ground position at the factory.

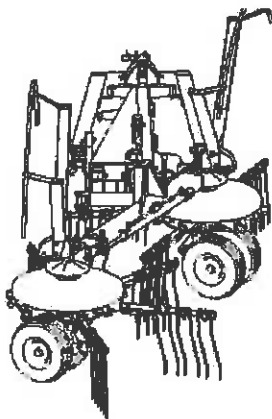


### TEDDING

For tedding, mount the fitting with the tines in the fixed position on the rotors. Set the wheel height in the top hole in the fitting under the rotors, and set the machine by means of the spindle located at the top of the middle frame so it leans forward. Do not allow the tines to touch the ground.

The machine is equipped with a hydraulic cylinder for adjustment of the working width. The selection of working width depends on the crop to be teded and the desired swath width.

POS. 4



### TRANSPORT POSITION

Change-over from working position to transport position is as follows:

Tilt the guards (42822-42821) into vertical position,

Move the PTO shaft under the machine, from the bracket (42503) to the bracket (42893)

Lift the machine a little off the ground and set it to the smallest workingwidth by means of the hydraulic adjustment.

Release the machine with bolt (42452) The machine then needs to be turned around until the locking pawl (42439) engages.

Turn the protection guards to be parallel to the driving direction, and hold them in position by means of the brackets (42856-42892).

Move fittings with tines to the fittings which face towards the middle of the machine.

### 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.

