



For Earth, For Life
Kubota

TH

KUBOTA TINE HARROWS TH1000/TH2000F/ TH3000F/TH4000F

Seedbed preparation in just one pass



PERFECT SEEDBED



PREPARATION



ROBUST AND PRECISE

Thanks to its excellent weight distribution, precise depth control and optimum ability to follow ground contours Kubota TH seedbed combinations produce a perfect seedbed in all types of soil.

The finer soil particles are deposited in the lower level of the tilth to promote rapid and uniform germination and also to prevent loss of moisture whilst the coarser clods are kept on the surface in order to reduce the risk of surface capping.

COMPACT FOR COMBI

TH1000



The working depth is adjusted by a parallelogram or standard linkage with a pin/hole system and used when the coulter bar is mounted on the roller for a constant depth control.



The models with 2 tine rows can be equipped with a hydraulic clod board. A clod board in front ensures a perfect crumbling and levelling. It can also be put in a non working position.



A wide choice of accessories and rollers with large diameter are available for perfect adjustment to the various seed drills and soil conditions.

NATION



A Versatile Combination

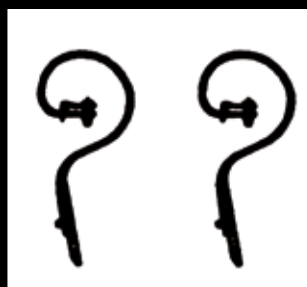
The TH1000 is an alternative to standard power harrow combinations offering high-output performance at a limited price.

With its strong design it can be combined with the heaviest seed drills of Kubota such as the SD3000M or with an precision drill of the PP series.

The seed drills Kubota SD3000M and SD2000MP are directly integrated on the headstock of the TH1000 in order to reduce the power requirement for lifting even with large hopper capacities (1800 litres).

Precision seed drills can be mounted by hitch to enable easy disconnection if requested.

Possible drill combinations: SD3000M, SH1150, SD2000M, SD2000MP, PP1000.



Two rows
Straight tines 45 x 10mm



Three rows
Straight tines 45 x 10mm



The TH1000 is equipped with 2 or 3 rows of strong straight tines 45x10mm. With 3 rows the large distance between the first and second row (200mm) ensures a smooth soil flow even with plant residues.

Model	Working width (m)	Transport width (m)	No. of tines	No. of rows	Max. hp	Weight TH1000 frame (kg)
TH1300	3.00	3.00	19	2 or 3	160	858
TH1350	3.50	3.50	22	2 or 3	200	956
TH1400	4.00	4.00	25	2 or 3	220	1054

STRONG AND LIGHT

TH2000F



Transport width of only 2.50m; 3 point linkage cat. 2; folding by 1 double acting cylinder, hydraulic valve for locking.



All THs can be equipped with a clod board in front (to be adjusted mechanically or hydraulically). The constant vibration of the tines ensures a perfect crumbling and levelling of the soil. Can also be put in a non working position.



Alternatively a spring loaded levelling bar is available for TH2000F, TH3000F and TH4000F. The bar can be fixed in 3 different positions, the height is adjusted by pin.



Robust chassis

The TH2000F is designed with a robust three section foldable chassis, which helps to limit the overall transport height of the machine. The transport width is less than 2.50m.

With a chassis of 80 x 80 x 8mm the TH2000F is available in working widths of 4.50m to 6.10m.

The under-chassis clearance is 420mm, the distance between the tine-carrier bars is 450mm (4 rows).

Four types of tines are available for all soil conditions (see next page).



Model	Working width (m)	Transport width (m)	No. of tines	No. of rows	No. of wheels	Weight w. double crumbler roller (kg)
TH2450F	4.50	2.50	45	4	3	1280
TH2510F	5.10	2.50	51	4	3	1400
TH2610F	6.10	2.50	61	4	3	1600

For a constant depth control 2 types of wheels are available: Steel wheels 500x165mm and pneumatic wheels 600x9mm. Exact depth adjustment with handle and scale. Equipped with scrapers.

HIGH PERFORMANCE

TH3000F



Transport width of only 2.50m; 3 point linkage cat. 2 and 3; folding by 1 double acting cylinder on 6.1m and 2 cylinders on 7.1m to 9.1m.



The double crumbler rollers mounted on a parallelogram have two different diameters - larger at the front, smaller at the rear - for improved clod breaking. Alternatively a single crumbler or finger harrow is available.



5 rows of tines ensure free soil flow between the tines and thus allow to work deeper or in trashy conditions without the risk of blockages.



A Large Sorting Capacity

The distribution and positioning of the tines on the frame has a great homogeneity: the tine spacing of 10 cm is respected on the entire width of the machine despite the presence of wheels inside the chassis. Then, the regularity of seedbed is optimum.

The sorting of clod/fine soil is perfectly realized in all conditions and soil types.

Four types of tines are available according to the type of soil or the work required:

Semi-curved tines (32x10 mm and 45x10 mm) provides a fine crumbling surface thanks to their high vibration capacity.

The straight tine (45x10 mm) has a high resistance to be used after ploughing and ensures superficial preparation without bringing wet clods on top layer.

The DK tine is forged from a ring of 22 mm diameter in a way to get the maximum thickness (15 mm) in the most stressed area of the spring. Without stripes, it guarantees a high resistance for working in the highest difficult conditions at high speed while keeping a high vibration capacity.



Semi-curved
32 x 10mm



Semi-curved
45 x 10mm



Straight
45 x 10mm



DK P22

Reliability in big working widths

The TH3000F offers 5 rows of tines and is available in working widths from 6.10m to 9.10m. Nonetheless the transport width is less than 2.50m. The frame is build in 3 sections with bars 100x100x8mm. The underbeam clearance is 420mm. 3 wheels on the 6.1m version and 5 wheels on the other models up to 9.10m ensure a constant depth control.

Model	Working width (m)	Transport width (m)	No. of tines	No. of rows	No. of wheels	Weight with double crumbler roller (kg)
TH3610F	6.10	2.50	61	5	3	1880
TH3710F	7.10	2.50	71	5	5	2160
TH3810F	8.10	2.50	81	5	5	2380
TH3910F	9.10	2.50	91	5	5	2600

HEAVY-DUTY SEEDBED

TH4000F



ZONE 1: LEVELLING

A straight levelling board adjustable by pin or a clod board are very effective for the breaking of clods. It is manually adjusted or by hydraulics from the tractor seat.

ZONE 2: DEPTH CONTROL

The cage roller fitted in the front ensure depth control. Due to this position in the front, the risk of soil building up on the roller is reduced.

ZONE 3: CULTIVATION

Four rows of tines ensure optimum performance. The first two tine rows (45 x 10mm) with 500mm interrow clearance allow optimum soil flow. The second two rows (32 x 10mm) with 250mm interrow clearance improve clod breaking and levelling.



TH4400F - Safe road transport and easy hydr. folding from transport into working position. All THs are designed into three sections to follow better ground contour.



The flexible "bolt-on" principle allows to move the cage roller from the front to in between the tine sections if required.



The double side deflector leaves the soil as long as possible in the working area and ensures good soil flow under the machine even in rough conditions.

D CULTIVATION

Precision Seedbed Cultivator

The TH4000F is a heavy-duty precision cultivator designed for the optimum preparation of seedbeds for sugar beet, potatoes and vegetables.

The TH4000F consists of four working zones:

- A robust levelling board in the front
- An effective cage roller for depth control
- 4 rows of effective S-tines
- A finger harrow or a single or double roller at the rear.

This combination makes the TH4000F an ideal cultivator for the preparation of a very firm, levelled and fine seedbed.

Followed by a finger harrow or a single or double roller, the TH4000F is the perfect machine for an optimum seedbed preparation at low costs.

ZONE 4: CONSOLIDATION

At the rear of the machine a finger harrow, a single or double roller is finishing the work. All giving excellent packing and a nicely finished seedbed depending on soil type.



Model	Working width (m)	Transport width (m)	No. of front tines, 45x10mm	No. of rear tines, 32x10mm	Min. power requirement (kW/HP)	Weight with double crumbler roller (kg)
TH4400F	4.00	2.50	16	31	65/90	1880
TH4500F	5.00	2.50	20	39	85/120	2345
TH4600F	6.00	2.50	24	47	100/140	2590

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional and not standard equipment. Please consult your local Kubota dealer for warranty, safety or product information. For your safety, Kubota strongly recommend the use of a seat belt in all applications.

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