

Mounted Seedbed Cultivator



Vibro Master 3000,
Vibro Master Super Q, SGC

Vibro Master 3000



Kongsilde Vibro Master 3000 is a fully-mounted seedbed cultivator equipped with vibrating tines in working widths from 5,5 to 8,3 m, for tractors up to 250 hp.

Seedbed preparation

Using a vibrating-tine cultivator for your seedbed preparation has the following advantages:

- Soil is completely worked and re-consolidated in the same pass.
- Optimum seedbed preparation according to different soil types.
- Soil layering effect.
- Small clods lower down for fast germination.
- Bigger clods on the surface to minimise erosion.
- Seed is placed on firm soil for fast germination.
- Optimum access for plant roots to nutrients, water and oxygen.
- Variety of tine types and tine spacing layouts to suit specific soil conditions.

Frame

- 5 rows of tines with a symmetrical pattern, allowing soil and residues to pass without blockages.
- Construction based on a mix of square tube and flat bar gives an extremely strong but lightweight frame.
- Fully-mounted range makes larger working widths easier to handle.
- 3-section frame allows a degree of terrain following.

Depth control

- 4 large rubber wheels mounted inside the frame behind the front beam ensure accurate depth control.
- Easy depth adjustment by spindles with clear indicators.

Road transport

- 3,0 m transport width allows easy passage on narrow roads.
- Hydraulic or mechanical wing lock system operated from the tractor cab.

Rear harrows

- Special roller attachment system allows pressure to be adjusted and transferred to the rear rollers for re-consolidation.
- The attack angle and pressure of the rear rollers can easily be adjusted to suit different conditions.

Levelling

- Spring-loaded levelboard with or without spikes.
- Soil is levelled before entering the cultivator section.
- Choice of 2 different working modes: Crushing or levelling.

Hydraulic flexboard

- Hydraulically adjustable aggressivity.
- Adjustable wearing plates - increased lifetime.
- Depth scale for easy depth setting.



5 rows of tines in a symmetrical pattern ensuring a blockage-free passage of soil and residues.



Hydraulic flexboard for crushing and leveling of the soil surface before entering the cultivation zone. Wearing parts can be adjusted.



Lower linkage Cat. 2 and 3. Linkage pins are protected from rotation and wearing.



Slotted hole in the topmast helps the cultivator to follow the soil surface in hilly conditions.



Hydraulic or mechanical wing lock system for safe road transport and convenient operation from the tractor cab.



Vertical folding to maximum 3,0 m transport width.



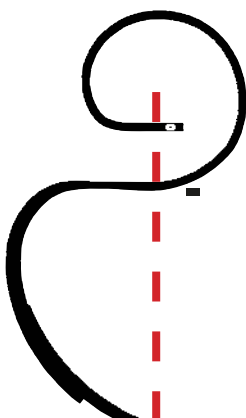
4 large rubber wheels running in front of the tines on firm soil for even depth control.



Rear harrow attachment system gives varying roller pressure and attack angle options.

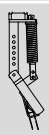
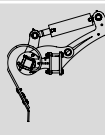
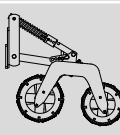
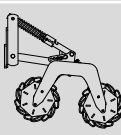
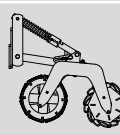
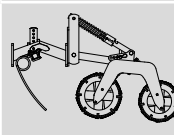
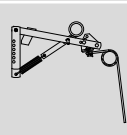
Tines

- Genuine Kongskilde vibrating tines manufactured in own factory, carrying Kongskilde mark of quality.
- Tine patterns with 8, 10 or 15 cm spacing.
- With 4 different types of genuine Kongskilde vibrating tines available, the cultivator can work in a wide variety of soil conditions.
- Attack point of the share is directly below the connection point to the frame, ensuring an even working depth even when the tine is under load.





Technical data

Tines	S	SQ	SS	VTM				
								
Attack angle	44°	60°	60°	50°				
Frame height, cm	39	40	42	50				
Dimensions, mm	32x10,5	32x12,5	45x11	50x10,8				
Tine spacing, cm	10	8	10	15				
Working depth, cm	3-9	3-9	3-12	6-12				
Standard Shares	 35x6 mm	 35x6 mm	 35x8 mm	 70x6 mm				
Options	LB-VM / LBS-VM	Hydr. Flexboard	CL-VM3	CD-VM3	RD-VM3	CR-VM3	CDL-VM3	FL-VM
								
Stony conditions	+	+	+	++	+	+	+	++
Soil compaction	-	-	++	++	++	++	++	-
Crumbling	-	-	++	++	++	++	++	+
Levelling	++	++	++	++	++	++	++	++
Field residue	-	-	++	+	+	+	++	-

+ = recommended ++ = highly recommended

Model	Working width, m	Transport width, m	Transport height, m *)	Tine spacing, cm	Number of tines	Number of wheels	Power requirements, HP	Weight excl. accessories, kg
VM 3055-S	5.5	3.0	2.69	10	55	4	125-160	1,375
VM 3055-SQ	5.5	3.0	2.69	8	69	4	125-160	1,475
VM 3055-SS	5.5	3.0	2.69	10	55	4	125-160	1,475
VM 3055-VTM	5.5	3.0	2.79	15	37	4	125-160	1,375
VM 3065 - S	6.5	3.0	3.19	10	65	4	140-180	1,525
VM 3065 - SQ	6.5	3.0	3.19	8	81	4	140-180	1,625
VM 3065 - SS	6.5	3.0	3.19	10	65	4	140-180	1,625
VM 3065 - VTM	6.5	3.0	3.29	15	43	4	140-180	1,525
VM 3075 - S	7.5	3.0	3.69	10	75	4	155-205	1,675
VM 3075 - SQ	7.5	3.0	3.69	8	93	4	155-205	1,775
VM 3075 - SS	7.5	3.0	3.69	10	75	4	155-205	1,775
VM 3075 - VTM	7.5	3.0	3.79	15	51	4	155-205	1,675
VM 3083 - S	8.3	3.0	4.09	10	83	4	170-250	1,825
VM 3083 - SQ	8.3	3.0	4.09	8	103	4	170-250	1,925
VM 3083 - SS	8.3	3.0	4.09	10	83	4	170-250	1,925
VM 3083 - VTM	8.3	3.0	4.19	15	55	4	170-250	1,825

*) with 30 cm clearance

Vibro Master type SGC



Kongsilde Vibro Master type SGC is the classic S-tine seedbed cultivator for all soil conditions.

Vibrating tines for a perfect seedbed

All Kongsilde cultivators are mounted with vibrating tines. Due to the vibration sideways, backwards and forwards, a very intensive workout of the soil is achieved while maintaining the most exactly adjusted working depth.

The well-known Kongsilde vibrating tines with their special tine profile have all gone through an individual control check on hardening and durability to be able to fulfill the very high quality standards.

A Kongsilde seedbed cultivator is a cultivator that hardly requires maintenance (because of its powder-painted frame) and therefore keeps its value for many years.

On all frames a large variety of options can be fitted to complete the job to your demands.

S-tines

This tine is suitable for all soil conditions. The share point is placed straight under the fixation point for maintaining exact working depth. When the tine is bent backwards, the share point is only lifted a few mm. Due to use of round profile steel (patented) the tines have a much more powerful vibration which results in a better soil preparation.

Type SGC

This model range of seedbed cultivators consists of working widths from 2.5 to 6.8 m. Depending on the type, the transport width is between 2.6 and 3.4 m. The Kongsilde S-tine with reversible ultra-share is standard mounted with a tine distance of 10 cm. Depth control can be adjusted quickly and easily by means of a spindle. The semi-quick hitch makes the coupling to the tractor very easy.

On the top of the 3-point linkage a rubber buffer is built in for a good following of the contours of the field, protection of the hydr. tractor system and for minimizing the forces on the frame.

The double-acting hydraulic cylinders easily fold and unfold the wings. Except of the SGC 37/41 models, the side wings can move independently up and down from the main frame. This movement together with the wheels give an improved following of the soil contours.

All connection points for options have already been welded on to the frame to abandon difficulties when mounting them.



S-tine with reversible ultra share.



Flat folding.



Folding and unfolding with double-acting cylinders.



Spindle adjustment with scale.

Vibro Master type Super Q



The advanced Super Q seedbed cultivator is designed for perfect seedbed preparation - also in heavy soil.

SQ-tines

SQ-tines can be used for all types of soil. The 60° angle prevents pulling up the wet undersoil. With the SQ-tine an optimum result can be achieved between penetration and horizontal mixing of the soil. The smaller circular bending makes the tine more rigid for an even better depth control.

Super Q

The advanced Super Q seedbed cultivator can be used in all soil conditions.

The Super Q cultivator has all the advantages of the SGC and besides them also some special ones. The SQ-tines are mounted on the frame that consists of a centre frame and side wings.

The SQ-tines have a steeper attack angle to minimize the undersoil to come up. A smaller circular bending makes the tine more rigid than a standard S-tine which is important for an even depth control.

The special SQ-tine in combination with the tine distance of only 8 cm prepares an ideal seed- and plantbed and in many cases just in 1 pass.

For maintaining an even preciser working depth, wider and larger wheels 165x15 can be fitted. These low pressure wheels are less sensitive to irregularities on the soil.

Both the SGC and the Super Q models can be delivered in pulled-type versions.



SQ-tine with reversible ultra share.



Semi-quick hitch for easy coupling.



Rubber buffer for protection of machine and tractor.



Wheel 165 x 15" standard for SQ. Wheel 6.00 x 12" standard for SGC.

Options



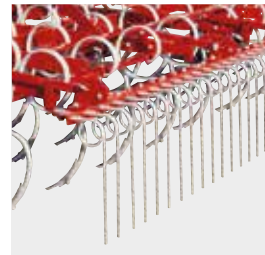
SPAGC levelling bar

For all types of soil. Levels and crumbles the soil in front of the machine.



REGC single rotacraft

For light to medium heavy soil. For crumbling and pressing top layer.



FLGC longfinger harrow

For light soil types with or without stones and straw. Levels and mixes the top layer.



RLGC longfinger harrow with single rotacraft

For medium soil types. Makes an even surface and presses top layer.



RDGC double rotacraft

For medium heavy to heavy soil types. For extra crumbling and pressing top layer.



Pulled type

All models can be fitted with a drawbar and hydraulics to adjust the working depth.



Reversible share

3.5 cm working width.
(For S and SQ tines).



Goose foot share

7 cm working width.
(For S tines only).

Technical data

Model		Working width m	Transport width m	Number of tines	Tine distance cm	Number of wheels	Hydr. folding	Weight kg	Power requirement (HP)	
									Leight soil	Heavy soil
SGC	25	2.5	2.6	25	10	2	*)	382	25	40
	37	3.7	2.6	37	10	2	No	532	40	55
	43	4.3	2.6	43	10	4	Yes	685	45	65
	49	4.9	2.6	49	10	4	Yes	740	50	75
	29	2.9	3.0	29	10	2	*)	419	30	45
	41	4.1	3.0	41	10	2	No	569	40	60
	47	4.7	3.0	47	10	4	Yes	722	50	70
	53	5.3	3.0	53	10	4	Yes	777	55	80
	59	5.9	3.0	59	10	4	Yes	830	60	90
	33	3.3	3.4	33	10	2	*)	512	35	50
	63	6.3	3.4	63	10	4	Yes	923	65	95
	67	6.7	3.4	67	10	4	Yes	957	70	100
Super Q	25	2.5	2.6	31	8	2	*)	378	30	45
	37	3.7	2.6	47	8	2	Yes	526	45	70
	43	4.3	2.6	53	8	4	Yes	676	55	80
	49	4.9	2.6	61	8	4	Yes	730	60	90
	29	2.9	3.0	35	8	2	*)	410	35	50
	41	4.1	3.0	51	8	2	No	560	50	75
	47	4.7	3.0	57	8	4	Yes	710	60	85
	53	5.3	3.0	65	8	4	Yes	765	65	100
	59	5.9	3.0	73	8	4	Yes	817	75	110
	33	3.3	3.4	41	8	2	*)	506	40	60
	63	6.3	3.4	79	8	4	Yes	913	80	120
	67	6.7	3.4	83	8	4	Yes	944	85	130

*) Centre frame

Power requirement increases by 10% when levelling bar and rotacraft are used.

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