



Cultivator technology

Tukan



Tukan MSG 3 beams

The all-rounder with a wide range of applications:

From flat stubble working to deep, intensive mixing of the soil structure. Working depths from 6 to 30 cm. The MSG share system connected with the 80 cm frame height enables totally blockage-free working. The spacing in strokes of 27 cm and the MSG share system ensure an intensive crumbling at different working depths.

- Spacing of strokes 27 cm
- Framework height 80 cm
- Working depth 6-30 cm

Mixing

- Optimal mixing effect and crushing of the soil structure
- Big framework height - 80 cm - for working-in of organic material without problems
- Fully cutting of the soil MSG with wing system for the mulch seed
- High-alloyed leg made of Q & T steel with shearing safety device

Levelling

- Hollow discs ø 460 mm notched
- Best levelling by sprung parallelogram suspension of the discs
- Adjustment of the discs infinitely variable
- When changing the working depth the levelling discs are adjusted automatically

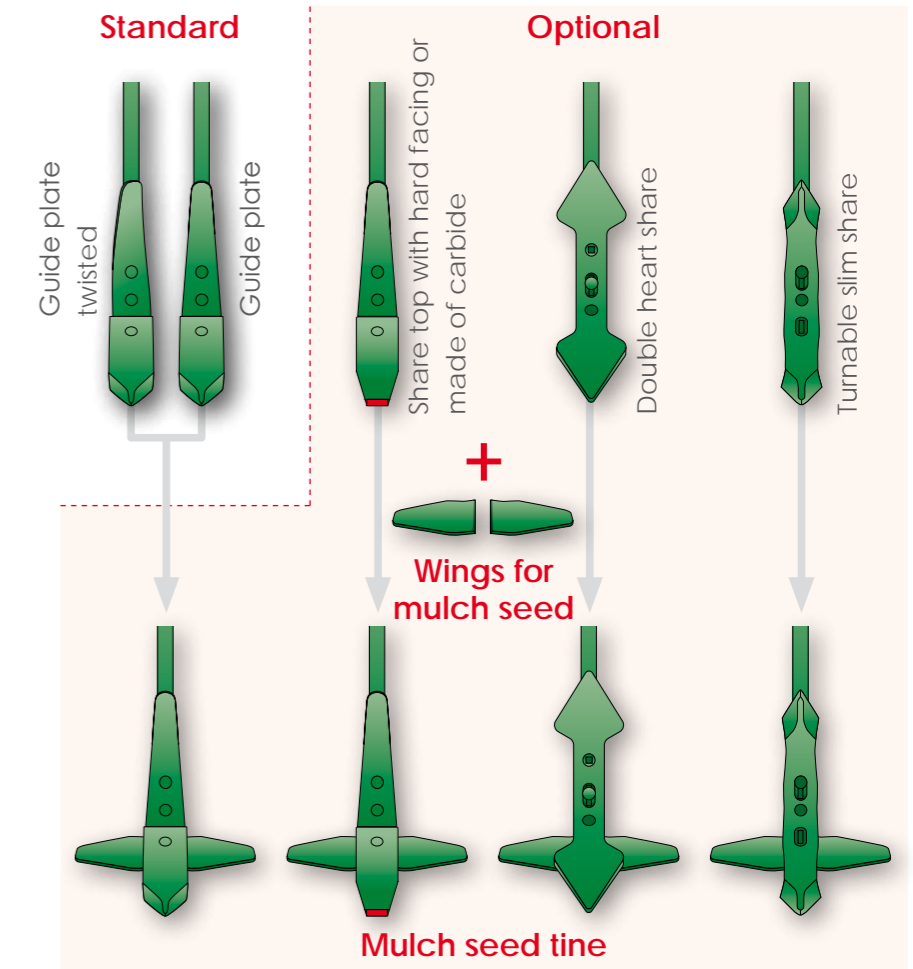
Depth guidance

- Simple depth adjustment with hole plate
- Working depth adjustment from 6 to 30 cm with socket pin
- The weight of the trailing tool is advantageous for a better move in of the cultivator

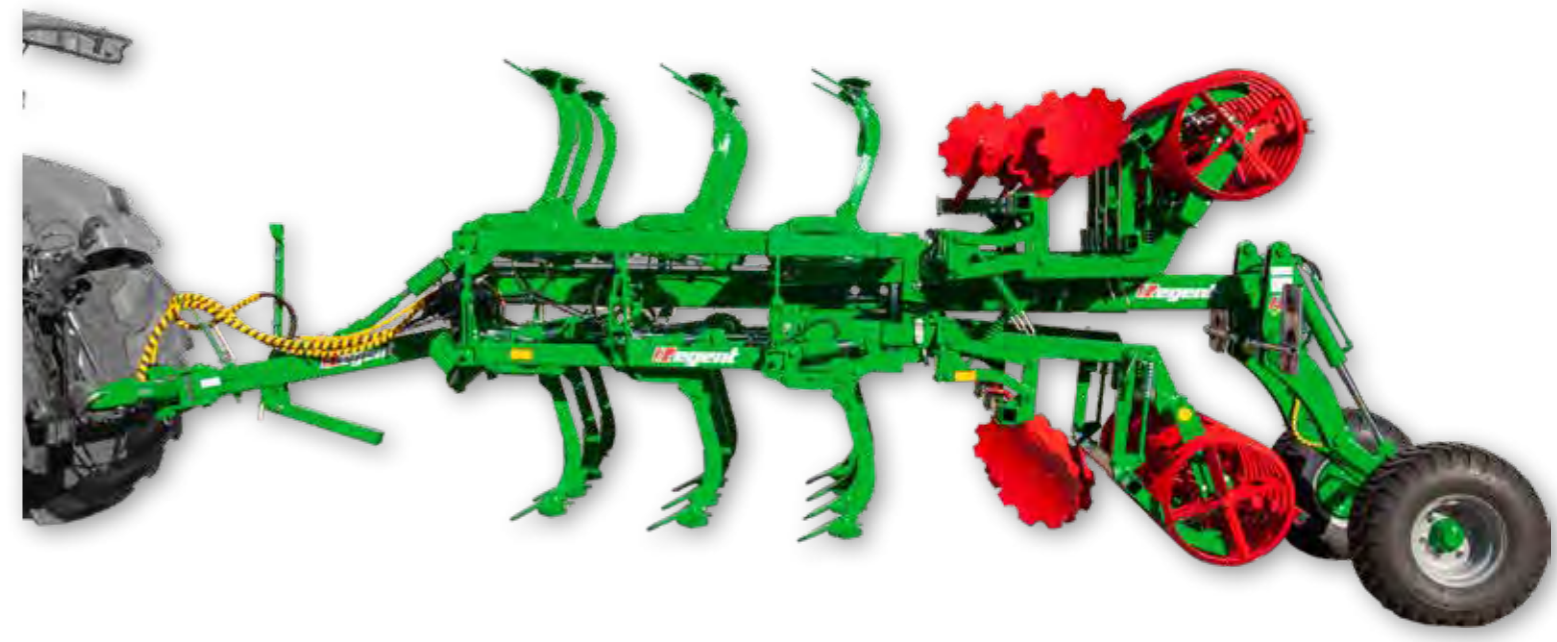


FLEXIBILITY BY COMBINATION OF MOST DIVERSE TOOLS

- Whether for deep or flat loosening, or complete cutting and mixing – with Tukan MSG everything is possible by various share systems
- Easy to pull by specially developed leg form
- Best mixing effect by system of mixing and guiding



BIG ACREAGE OUTPUT WITH THE ALL-ROUNDER IN SOIL CULTIVATION

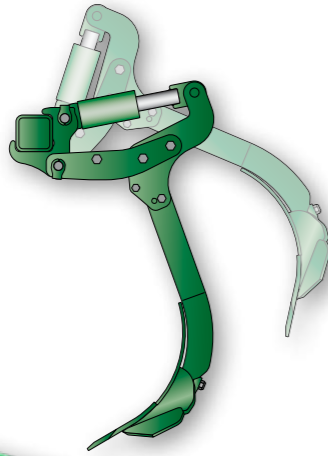


Tukan MSG non-stop

- Safe triggering and quick pulling-in of the tines
- Big evasive possibility upwards. (approx. 25 cm)
- Shearing bolts serve for additional safety
- Tine guidance on both sides enable high stability

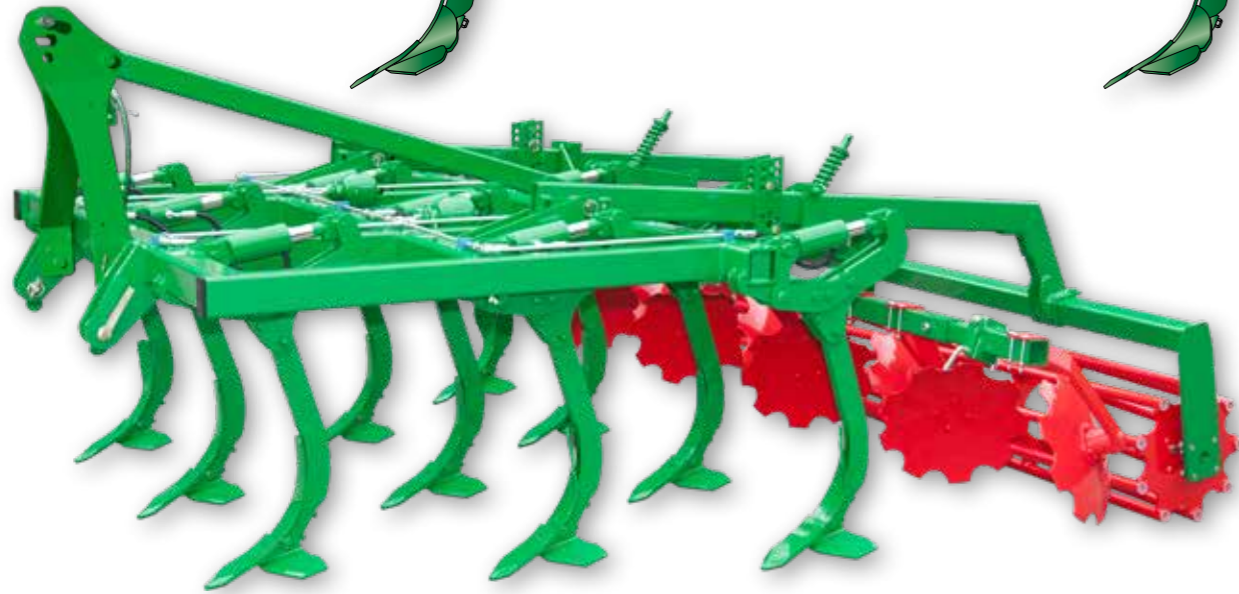
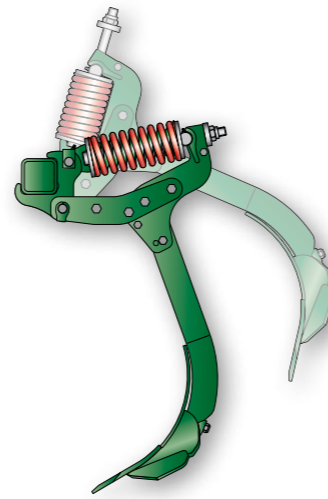
System hydraulic

- Releasing pressure adjustable from the tractor
- The pressure can always be checked from the tractor by means of a manometer



System mechanic

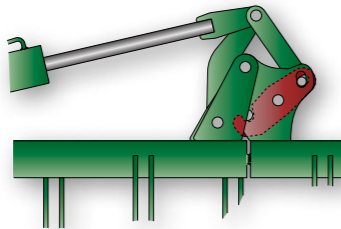
- Stable spiral spring with „spring-in-spring system“
- For a high pressure of the tines also for heavy soils
- For a long life time



THE PERFECTION IS IN THE DETAIL.

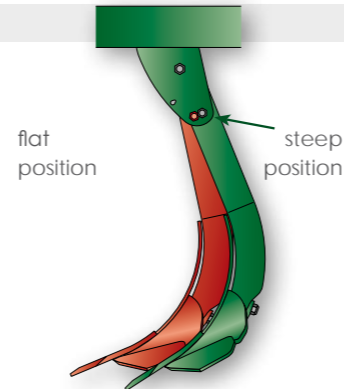
Final position locking

All hydraulic foldable cultivators are equipped with a final position locking. This locking prevents a coming up of the foldable outer parts in working position – so the machine is rigid across the board.



Pressure angle of the share

The pressure angle of the share can be adjusted to the soil.



Hydraulic depth adjustment

2 selected working depths via pin adjuster enable variable change of the working depth during the drive through hydraulic system.



Block clapping



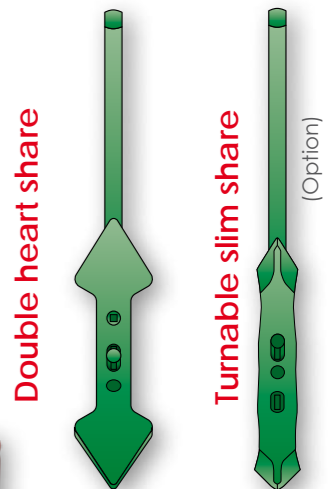
Tukan DSG 4 beams



The Tukan DSG in the 4 beams version is suitable for middle to heavy soils at a working depth of approximately 10 to 30 cm.

The cultivator sticks with the double heart shares with a spacing in strokes of 20 cm, partitioned to 4 beams, enable an optimal mixing effect of the soil structure.

Through the big frame height of 80 cm blockages also at big crop residues can be avoided.



Tukan VFG 3/4 beams



The multifunctional mulch cultivator / chisel cultivator for any field of application – the perfect companion for your fields. Parallelogram suspended discs enable an optimal levelling, furthermore it is infinitely adjustable and overload protected.



Advantages in the overview:

- Blockage-free working through C-shaped spiral spring tine
- Simultaneous overload protection against foreign objects
- Even mixing
- Very good soil loosening
- Fine crumbling

Spiral spring tine

Retraction reliable and robust – possible through the C-shaped spiral spring tine with a cross section of 40 mm.



Wing share

Optional for FVG 3-11 and FVG 4-13
For a complete cut.



Double heart share

Standard



Slim share

Optional



FOR EACH SOIL STRUCTURE THE RIGHT TRAILING TOOL



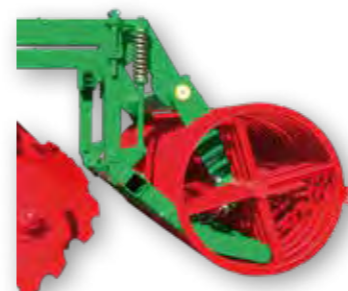
Single roller tiller

- ø 450 mm
- Good depth guidance
- low weight
- Trailing curry comb (optionally): for a very good closing levelling of the surface of the soil structure



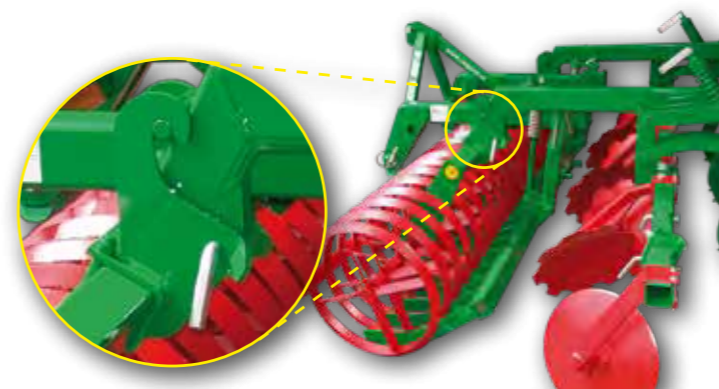
Double roller tiller

- Front ø450 mm, at the back ø400 mm
- Very good mixing effect by combi-mix-system
- Intense crushing and crumbling due to different diameters of the rollers
- Smooth run due to pendulum suspension
- Exact depth guidance through double contact area
- Trailing curry comb (optionally): for a very good closing levelling of the surface of the soil structure



Ring roller with wipe baulk

- Ø 600 mm
- Very well suited for mulch seeding
- Intense crushing and crumbling due to the pre-strike harrow which is adjustable in height
- Very good mixing and cleaning effect through twisted spokes
- Trailing curry comb (optionally): for a very good closing levelling of the surface of the soil structure








Multi-functional application

With the optional front headstock the trailing roller changes into a front packer.

- Toolless attachment and detachment
- Saving of costs





Tukan	Beam	power requirement kW / HP	shearing safety device	non-stop	Number of times	Spacing of beams cm	Leg dim. mm	Spacing of strokes cm	Number of discs	Working width cm	Transport width cm	Framework height cm	Weight kg*	Weight with non-stop kg*	Hydraulic folding
MSG 250	3	62 / 85	✓		10	70/73	70x30	25	6	250	250	80	680		-
MSG 270	3	66 / 90	✓	✓	10	70/73	70x30	27	6	270	270	80	690	950	-
MSG 300	3	81 / 110	✓	✓	11	70/73	70x30	27	6	300	300	80	720	1060	-
MSG 400-3	3	103 / 140	✓	✓	16	70/73	70x30	25	10	400	255	80	1380	1790	
MSG 450-3	3	110 / 150	✓	✓	18	70/73	70x30	25	10	450	255	80	1500	1960	
MSG 500-3	3	125 / 170	✓		20	70/73	70x30	25	12	500	300	80	1630		
MSG 550-3	3	132 / 180	✓		22	70/73	70x30	25	13	550	300	80	1760		
DSG 300	4	88 / 120	✓		15	62	70x30	20	6	300	300	80	920		-
DSG 400-3	4	110 / 150	✓		20	62	70x30	20	8	400	255	80	1620		
DSG 450-3	4	118 / 160	✓		22	62	70x30	20	10	450	255	80	1800		
VFG 300 3-11	3	81 / 110		✓	11	70	40x40	27	6	300	300	73		980	
VFG 300 4-13	4	88 / 120		✓	13	73	40x40	23	5	300	300	73		1170	
VFG 300 4-15	4	88 / 120		✓	15	73	40x40	20	6	300	300	73		1220	

Subject to technical changes and misprints. * Weight with bar roller

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