



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 springed parallelogram suspension of the discs
- Adjustment of the discs infinitely variable
- When changing the working depth the levelling discs are adjusted automatically

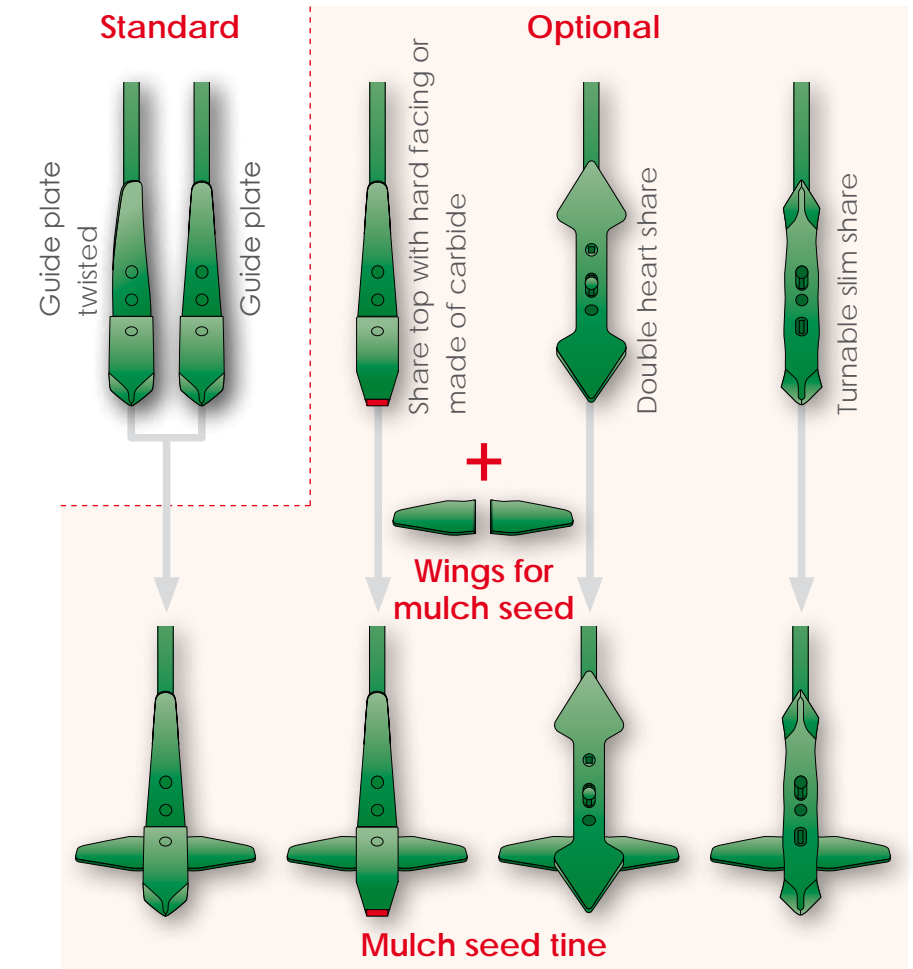
Depth guidance

- 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

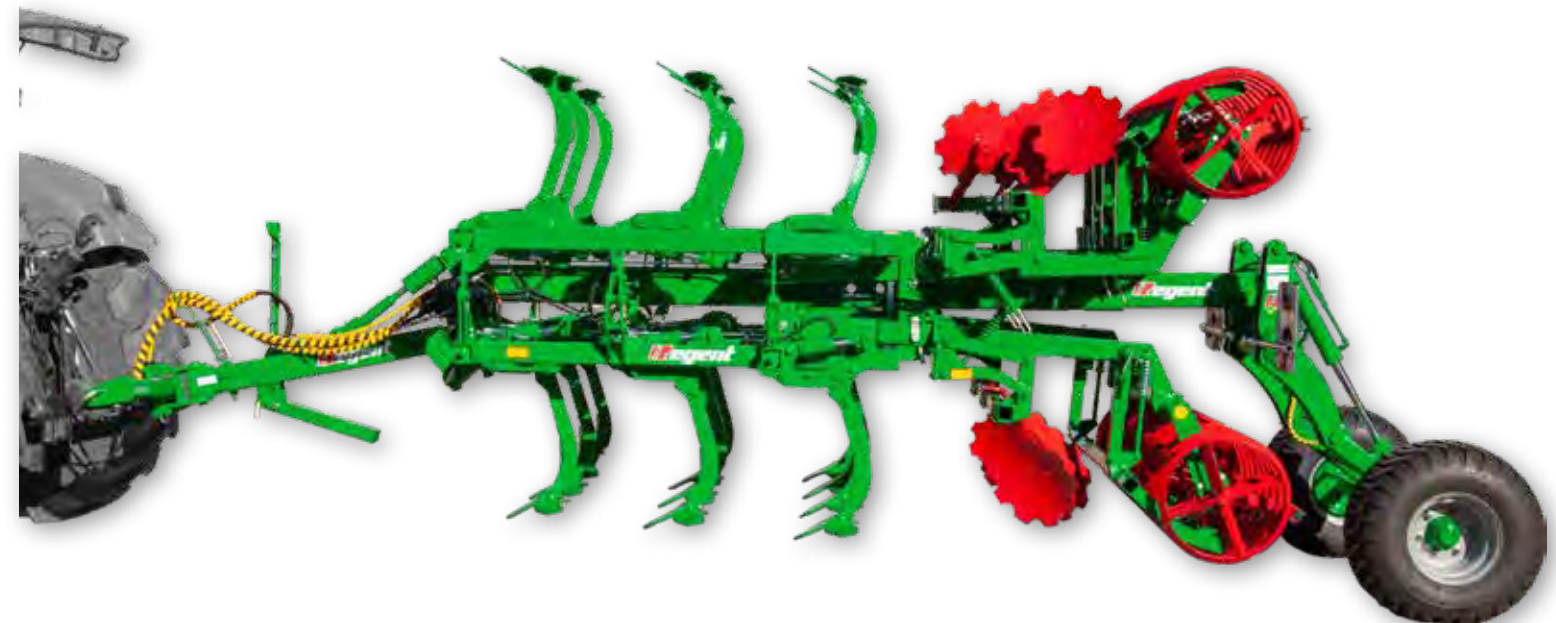


FLEXIBILITY BY COMBINATION OF MOST DIVERSE TOOLS

- 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



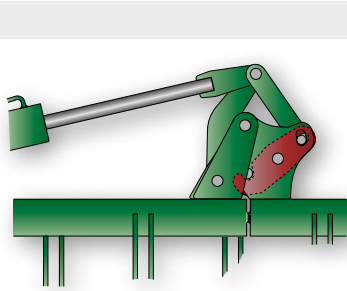
BIG ACREAGE OUTPUT WITH THE ALL-ROUNDER IN SOIL CULTIVATION



THE PERFECTION IS IN THE DETAIL.

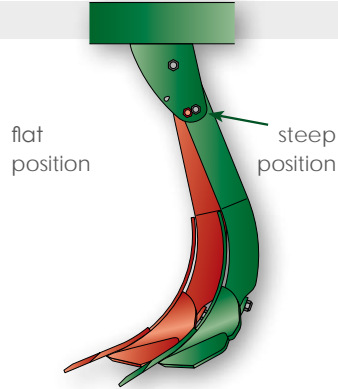
Final position locking

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.



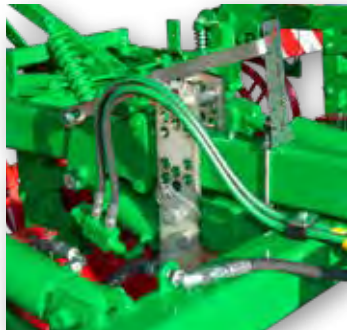
Pressure angle of the share

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

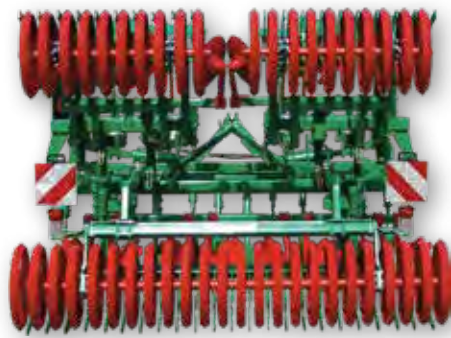


Hydraulic depth adjustment

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



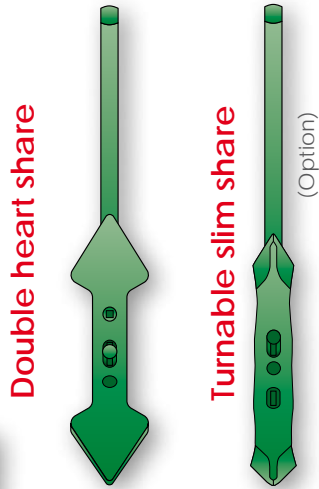
Block clapping



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. The large frame clearance of 80 cm prevents blockages even with large harvest residues.



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.

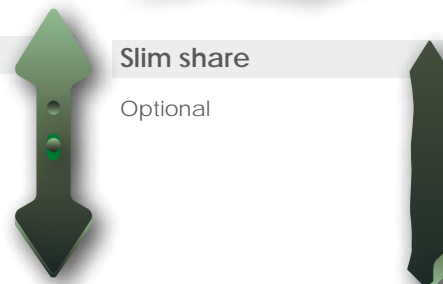


Double heart share

Standard

Slim share

Optional



FOR EACH SOIL STRUCTURE THE RIGHT TRAILING TOOL



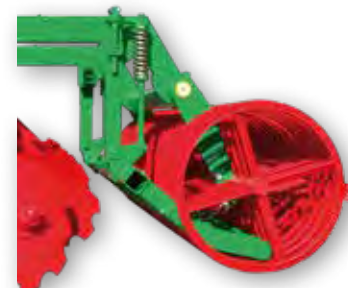
Single roller tiller

- 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



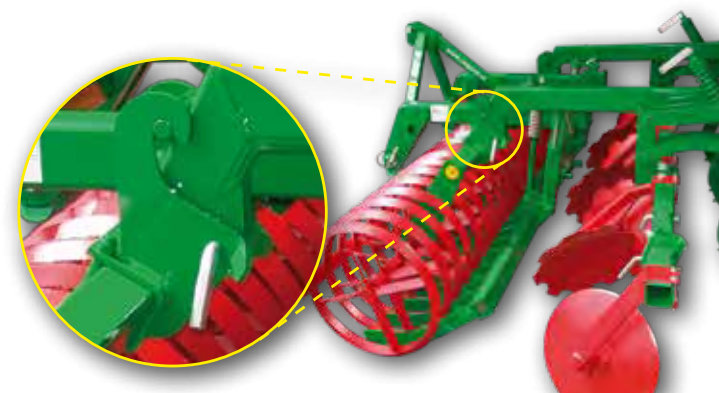
Double roller tiller

- 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	Number of tines	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*	Hydraulic folding
MSG 250	3	62 / 85	✓	9	70/73	70x30	25	5	250	250	80	680	-
MSG 270	3	66 / 90	✓	10	70/73	70x30	27	6	270	270	80	690	-
MSG 300	3	81 / 110	✓	11	70/73	70x30	27	6	300	300	80	720	-
MSG 400-3	3	103 / 140	✓	16	70/73	70x30	25	10	400	255	80	1380	
MSG 450-3	3	110 / 150	✓	18	70/73	70x30	25	10	450	255	80	1500	
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	4	110 / 150	✓	20	62	70x30	20	8	400	255	80	1620	
DSG 450	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	-

* Weight with bar roller

Subject to technical changes and misprints.

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