

Cura ST



EFFICIENCY AND PRECISION



Cura ST

EFFICIENCY AND PRECISION COMBINED WITH ROBUST HARROW TECHNOLOGY AND A LONG SERVICE LIFE FOR MECHANICAL WEED CONTROL

- Precise depth control due to the possibility of up to 11 support wheels
- Working widths from 6 to 24 m
- Robust, fully welded frame design
- Option: MiniDrill seeding unit
- Tines with an angle of 100° or 125° for all conditions
- Option: 60 mm carbide protection at the tines
- Tine pressure from 300 to 5 000 g allows for a wide range of applications – from blind harrowing to breaking crusts to keeping the soil brown
- Standard headlands position for Cura 9 ST to 15 ST



The Cura ST line with 3-point linkage covers the working widths from 6, 9, 12, 13,5 and 15 m as well as 24 m as a trailed version. The Cura ST excels due to its high work rate and an excellent stability as well as to the robust and torsion-resistant design.

The tines are mounted and suspended individually. Due to the wide lateral suspension, they are very stable. The working angle can be adjusted via the height adjustable support wheels. The Cura 12 to 15 ST is carried by eleven support wheels. The rear support wheels can optionally be equipped with a following harrow. The tines are cranked to allow for a central force transmission – thus, the tine consequently follows its track.

There are different harrow tines available, with a carbide coating as an option as well. Tines for mulch seed conditions with a larger tine angle for high amounts of harvest residues or extremely light soils. An infinitely variable, hydraulic adjustment of the tine pressure is available as an option – the hydraulic tine pressure adjustment is standard equipment. The Cura ST can also be ordered with an electromagnetic valve to save one hydraulic control device.

The springs are mounted above the frame and due to the higher clearance allow for a gentle harrowing of high populations. The double spring – with a finer feather on the inside and a coarser one on the outside – guarantees a large working range with a tine pressure from approx. 300 g to approx. 5 000 g.

Due to headlands position which is standard equipment for the Cura 9 to 15 ST, the machine can comfortably turn on the headlands with slightly raised side wings without damaging the plant. In the field, the side wings are used in floating position, thus achieving an excellent contour following of every single part of the frame.

Moreover, the Cura ST excels due to its high precision and long service life in different conditions as well as to the easy operation.



Due to the support wheels, the frame adapts to the contours of the fields



Headland position ensures more clearance when turning

MiniDrill



MiniDrill with access ladder

A MiniDrill can be mounted on all Cura ST from 6 to 15 m. Depending on the working width, one or two seed towers are required. The spacing of the deflector plates always is 50 cm to apply microgranular compounds or fine seeds. An ISOBUS terminal to operate the MiniDrill can be ordered as an option.

- One or two seed towers depending on the working width
- To apply microgranular compounds or fine seeds
- 50 cm spacing of the deflector plates
- Optional: can be equipped with ISOBUS terminals



Cura with MiniDrill and distribution



Pneumatic kit with seeding tower



Deflector plate bar in front of the first tine row

Support wheel positions



Front and rear support wheels as standard

Depending on the requirements, the layout of the support wheels is variable for all working widths. Either front and rear support wheel in one track – for row widths from 25 to 75 cm: in row crops the wheels run in the same track one behind the other. Or the support wheels are mounted in an offset way to make sure that the crop is not run over twice.

The support wheels can be mounted ex factory to match the following row spacings:

- 25 cm
- 30 cm
- 45 cm (track width 1.80 m)
- 50 cm (track width 2.00 m)
- 70 cm (track width 1.50 m)
- 75 cm (track width 1.50 m)



Support wheels are mounted in an offset way to make sure that the crop is not run over twice



Support wheels are mounted behind each other in one track to run in the same track for example in row crops

Hydraulic tine pre-tension pressure with double tension spring

The tine pressure can be adjusted gradually with depth stop clips from 300 to over 5 000 g.

- Gradual adjustment with depth stop clips
- Variable adjustment of the tine pressure from 300 to over 5 000 g



Hydraulic tine pre-tension pressure with double tension spring

ADDITIONAL EQUIPMENT



The optional electromagnetic valve saves one control device and is mounted between the coupling points



Following harrow at the rear support wheel as an option

Harrow tine standard 100° or 125°

Harrow tines with 100° are ideal for harder and heavier soils and can mainly be used in cereals with a hard crust.

Harrow tines with 125° are ideal for lighter and sandy soils and are mainly recommended for soils with more organic residues.

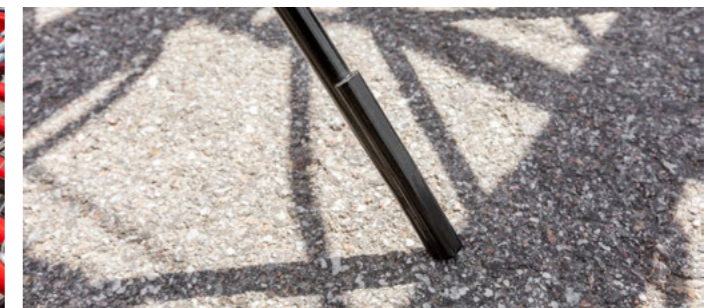
- For harder and heavier soils with 100°
- For lighter and sandy soils with 125°



Comparison harrow tine 100° and 125°



Option: infinitely variable adjustment with scale



Harrow tine with a 60 mm long carbide protection



Precise harrowing of grain maize

TECHNICAL DATA

Cura ST	6 ST	9 ST	12 ST	13 ST	15 ST	24 ST
Working width (m)	6.15 / 4.20 / 2.30	9.15 / 5.90 / 2.70	12.20 / 7.70	13.70 / 8.00	15.20 / 8.70	24.50
Transport width (m)	2.80	2.95	2.95	2.95	2.95	2.95
Machine height (m)	2.77	3.86	3.60	3.70	3.85	3.65
Length (m)	2.70	2.70	2.70	2.70	2.70	8.10
Weight (kg)	1300	1600	2300	2500	2800	8700
Bar spacing (mm)	200	200	200	200	200	200
Tine spacing (mm)	28	28	28	28	28	28
Tyre size support wheels	18 / 18.5 - 8	18 / 18.5 - 8	18 / 18.5 - 8	18 / 18.5 - 8	18 / 18.5 - 8	7.50-16 AS
Tyre size transport wheels	---	---	---	---	---	400 / 60 - 22.5 or 550 / 45 - 22.5
Frame height (mm)	450	450	450	450	450	450
DA control devices (PCE)	3	---	4	4	4	Load Sensing with ISOBUS
Implement attachment 3-point	Cat. II / III	Cat. II / III	Cat. III	Cat. III	Cat. III	---
Adjustable drawbar linkage with ring hitch (mm)	---	---	---	---	---	Ø 46 or 58
Implement attachment adjustable drawbar ball head coupling (mm)	---	---	---	---	---	K 80
Horsepower requirement (kW/hp)	70 / 90	80 / 100	90 / 120	100 / 135	120 / 150	150 / 200
Tine pressure (g)	300 - >5000	300 - >5000	300 - >5000	300 - >5000	300 - >5000	300 - >5000
Tine diameter (mm)	8	8	8	8	8	8





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Paper: 120g/qm Maxi Offset. The paper is certified according to the EU Ecolabel. This label is only granted for products and services whose environmental consequences are considerably lower than those of comparable products. For more details see www.eu-ecolabel.de. Printing ink: Printing ink QUICKFAST COFREE. Free from mineral oil and cobalt. Moreover, it is certified and recommended for printing according to the „Cradle-to-Cradle” principle (quasi “from the origin back to the origin”) – an approach that deals with the spreading of continuous and consequent recycling management. For more details see www.c2c-ev.de.

All specifications and diagrams are approximate and not binding. Technical features and design are subject to change.

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