



ULTRA-SHALLOW CULTIVATOR



INNOMADE

Made in Germany

Model Overview



UFG 600

effective working width 295 cm ◦ working depth 2-10 cm ◦
individual coulter guidance ◦ axle with compressed air brake system

Efficient. Extensive. Future-oriented.

Shallow tillage is becoming increasingly important in light of climatic challenges such as long dry spells, erosion, and the growing need for effective alternatives to chemical weed control. The **INNO MADE** ultra-shallow cultivator sets new standards in this field: The full-area cut from a depth of 2 cm using serrated goosefoot coulters with carbide tips and the individual coulter guidance via a feeler wheel ensure precise working results. The patented hydraulic system for depth control ensures optimum ground adaptation and consistent working quality for maximum efficiency in a single pass. This reduces costs and saves time.

Crop Production Benefits

Shallow, precise, effective – soil cultivation to the point

The targeted use of an ultra-shallow cultivator is an important component of **efficient and sustainable soil cultivation**. From a crop production perspective, precise control over the working depth plays a decisive role, especially when it comes to **regulating volunteer seeds, grasses, and root weeds**.

The **INNO MADE** ultra-shallow cultivator was specially developed **for extremely shallow soil cultivation**. Its precise depth adjustment with **individual coulter guidance** enables **uniform cultivation of the soil horizon** to a depth of just a few centimeters.



With its shallow stubble cultivation, the ultra-shallow cultivator helps to **maintain soil moisture, promote soil biology, and minimize erosion**. Minimal interference with the soil horizon also prevents seeds from being worked into deeper, germinable layers.



When controlling grasses and root weeds, the correct cutting depth is often crucial. If, for example, the plants are only cut incompletely or at the wrong depth, this can lead to renewed spread or even propagation. If, on the other hand, the correct depth is used and their roots are then removed from the soil, these **plants can be specifically weakened or killed off completely**.

In this way, the **INNO MADE** ultra-flat cultivator creates optimal conditions for subsequent cultivation and supports a resource-saving, future-oriented arable farming system.

Components

Trailing Tools

- Leveling Tines (optional)
- 3-row Harrow (optional)
- „Soil to Soil“ Roller (optional)

Main Tools

- Leading Feeler Wheel with Disc (standard)
- Individually guided Goosefoot Coulters (standard)

Leading Tools

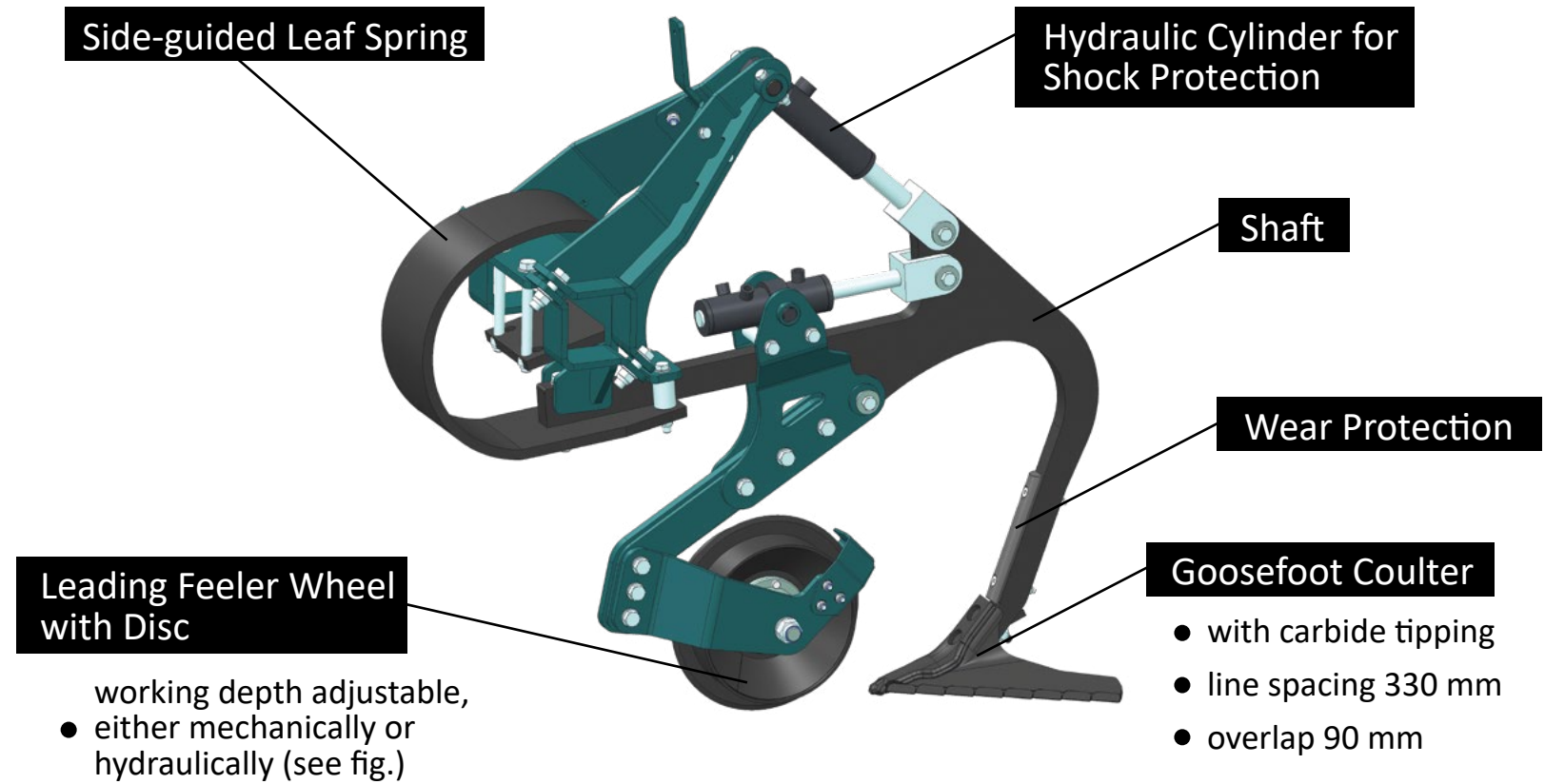
- Knife Roller (optional)
- Crossboard (optional)

Attachment

- Lower Link Cat.. III (standard)



Coulter Unit





Stubble Cultivation



Volunteer Grain



Root Weed



Grasses



Seedbed Preparation



Catch Crop

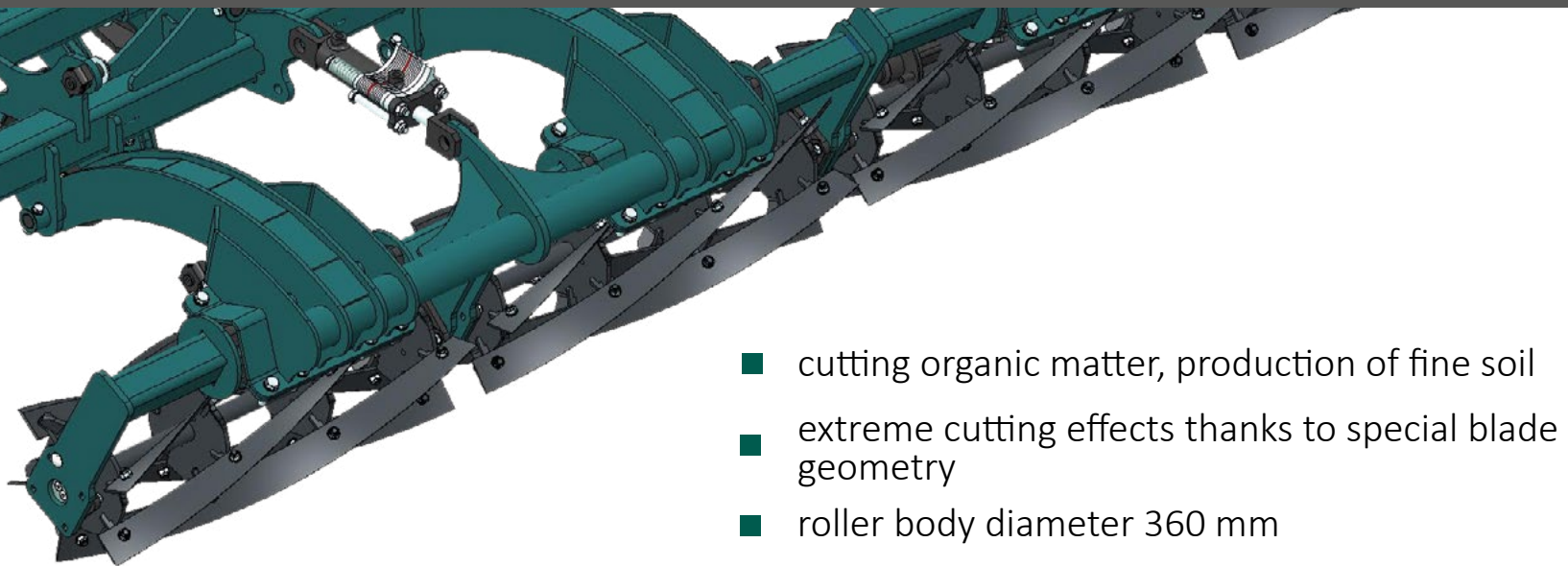




The individual share guidance of the ultra-shallow cultivator allows even uneven areas (e.g., wheel tracks) in the soil contour to be worked with a precise and consistent cutting depth.

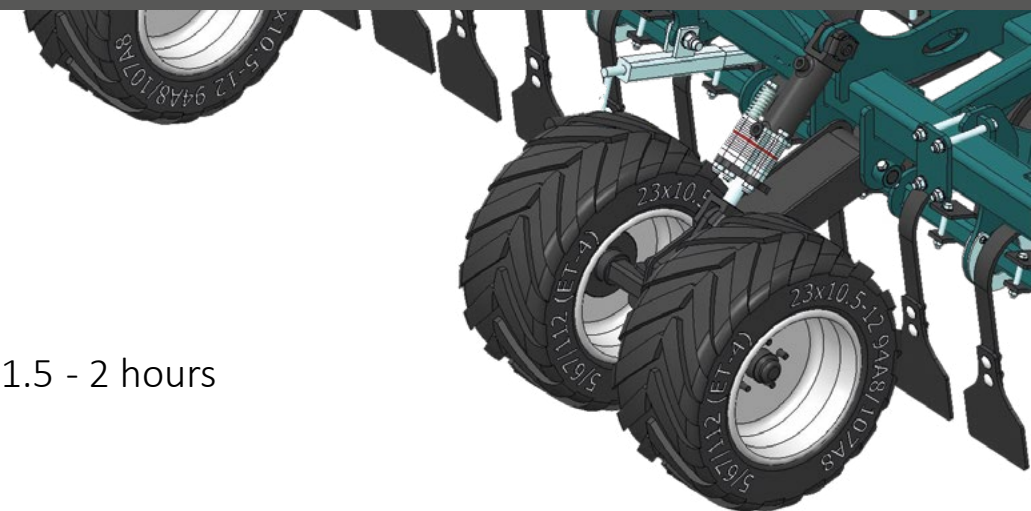
Leading Tools

Knife Roller



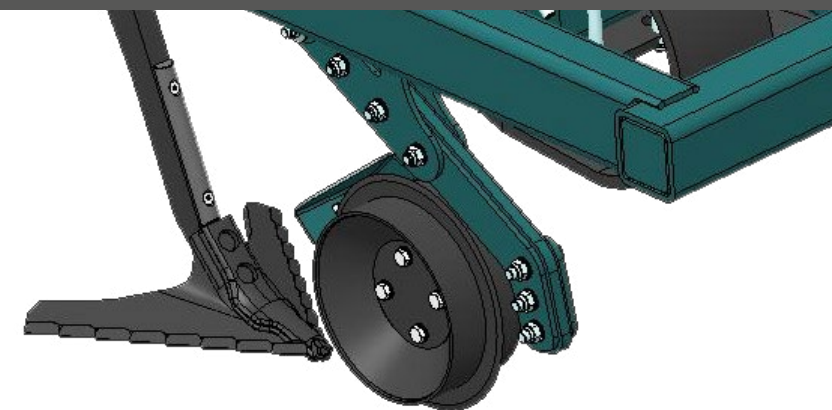
- cutting organic matter, production of fine soil
- extreme cutting effects thanks to special blade geometry
- roller body diameter 360 mm
- hydraulic adjustment
- required conversion time approx. 3 - 4 hours

Crossboard



- leveling of the soil horizon
- blade size 190 mm
- mechanical adjustment
- required conversion time approx. 1.5 - 2 hours

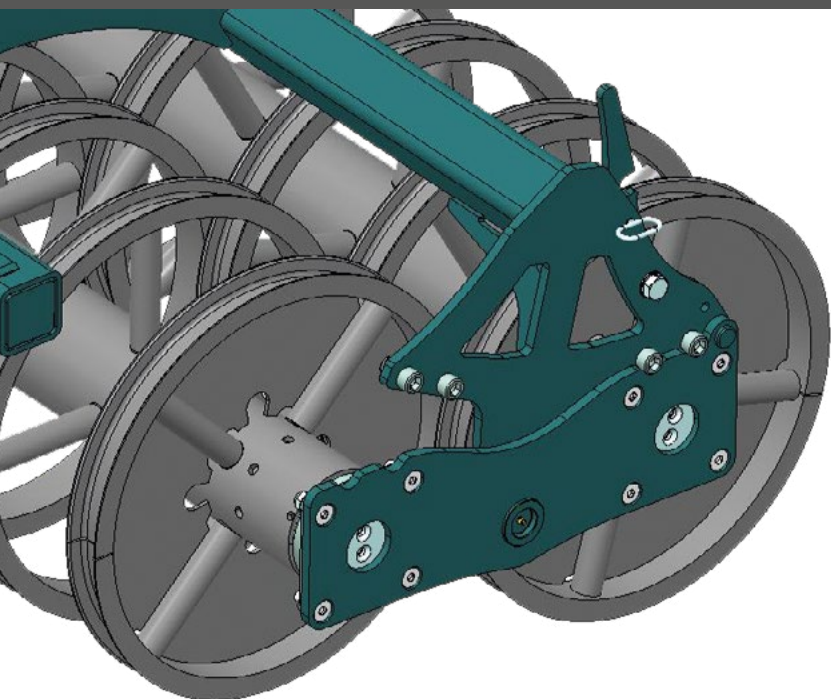
Disc Cutter



- pre-cutting the soil horizon for a smooth cut edge
- better incorporation of organic matter
- diameter 300 mm

Trailing Tools

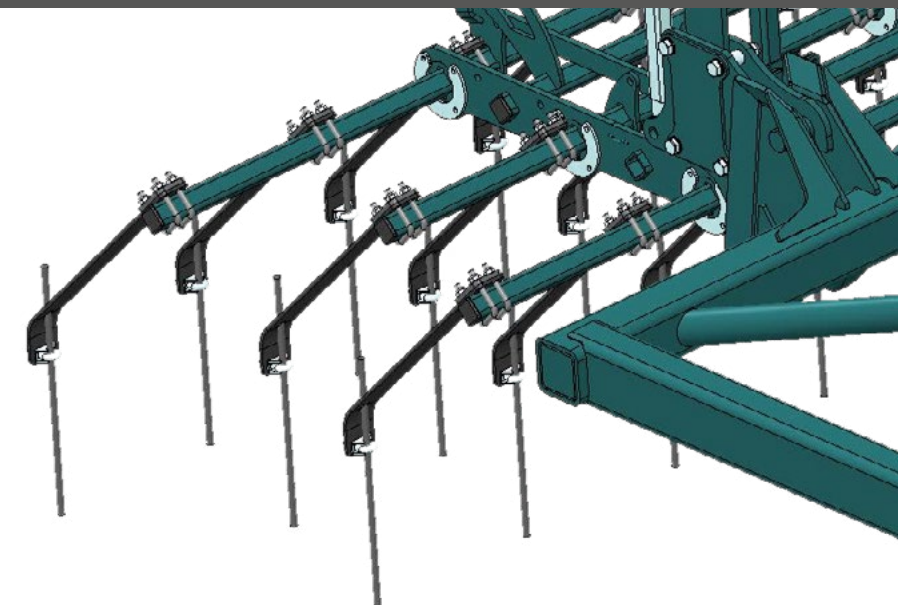
„Soil to Soil“ Roller



- reconsolidation, leveling, seedbed preparation
- diameter 600 mm
- bar spacing 120 mm
- mechanical adjustment
- quick-change system, conversion time approx. 2 hours

3-Row Harrow

- mixing, separating roots from soil
- line spacing 110 mm
- tines diameter 12 mm
- mechanical adjustment
- quick change system, conversion time approx. 2 hours



Leveling Tines

- leveling surface (seedbed preparation)
- mechanical adjustment





Technical Data & Equipment Options

Model	UFG 600
Working Width [cm]	600
Transport Width [cm]	300
Transport Height [cm]	335
Attachment	Lower Link Cat. III
Coulters	18 goosefoot coulters with carbide facing (420 mm width)
Line Spacing Coulters [cm]	33
Power Requirement [HP]	250
Equipment Options & Weights [kg]	
Base Machine	5.900
Knife Roller	935
Crossboard	270
Harrow	530
„Soil to Soil“ Roller	1.900
Leveling Tines	100
Carrying Wheels (23x10,5 – 12“)	600



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Made in Germany

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