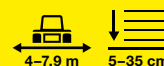


**NEW MACHINE**

**BEDNAR**

# FENIX FO\_PROFI



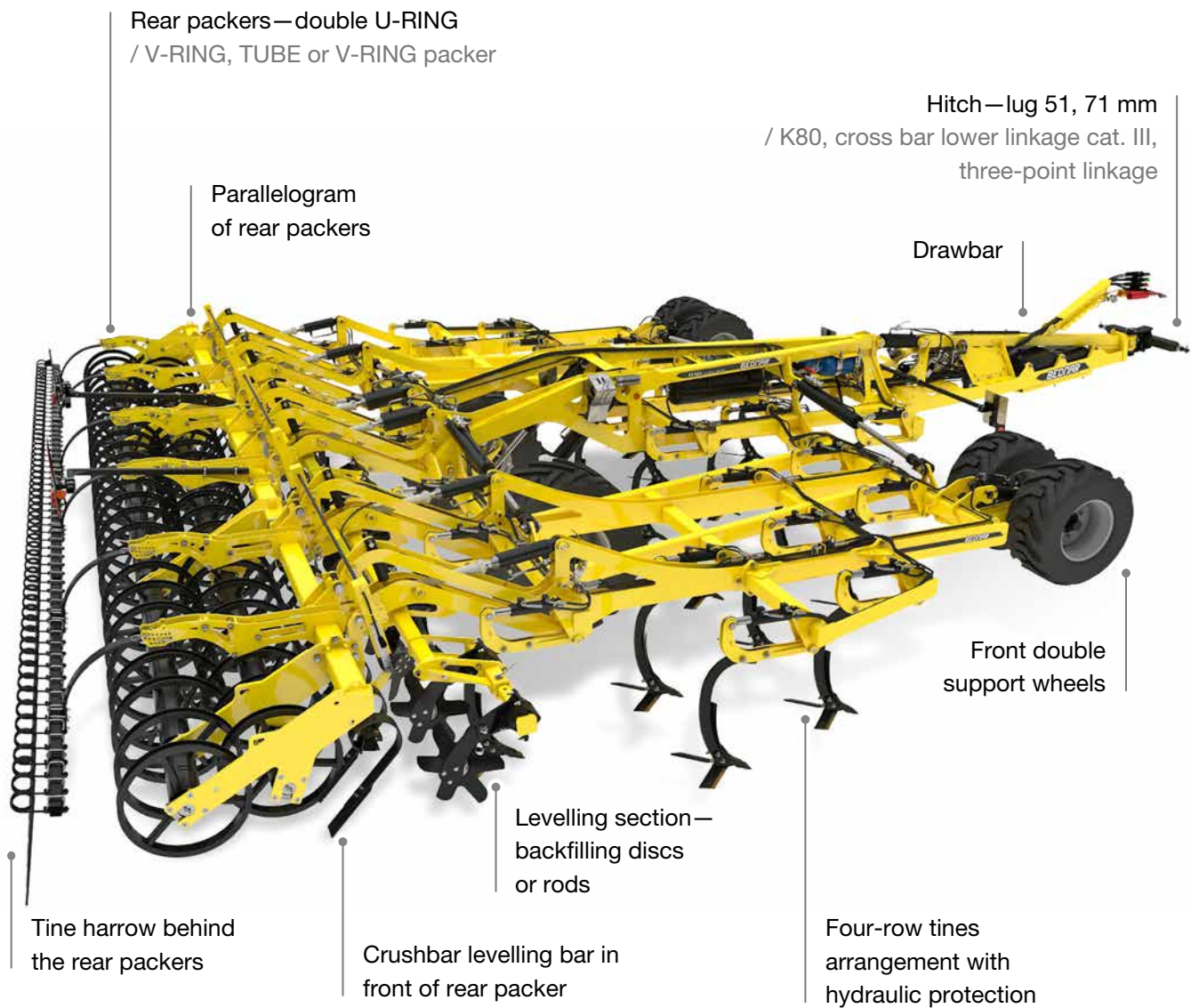
A new chisel cultivator generation  
for quality soil profile cultivation.



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**The FENIX FO\_PROFI deep cultivator** is a new generation of cultivators for intense shallow soil cultivation after harvest, as well as in-depth cultivation of up to 35 centimetres prior to crop establishment. The FENIX FO\_PROFI semi-mounted cultivator has tines arranged into four rows in the shape of an arrow. The well-thought-out design reduces draft resistance and tractor output demands.

#### **A SMALLER OR LARGER WIDTH?**

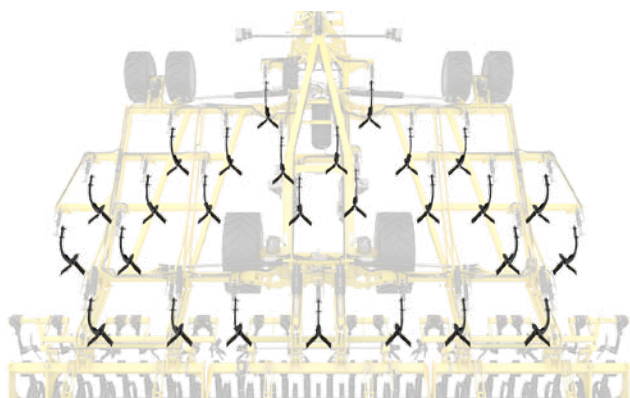
Adjust the working width to the towing vehicle power.

Have you purchased a more powerful tractor, or do you need to adjust the machine width to the tractor power? The FENIX FO 6004 PROFI model offers the option to adjust the working width from 6.7 to 7.9 metres using the set for the installation of additional side sections.



## FOUR ROWS OF TINES

The models of the FENIX FO\_PROFI universal cultivator have tines arranged in four rows. The individual tines are sufficiently spaced, both inside the row and between the individual rows. Therefore, The FENIX FO\_PROFI offers high throughput even when working in fields with large quantities of crop residue, organic mass (manure, slurry) or when incorporating catch crop.



## TINE V-LAYOUT

The FENIX FO\_PROFI universal cultivator excels in the low demands for pulling force thanks to the convenient layout of the individual tines against the soil that reduces tractive resistance. The arrow layout of the tines provides gradual penetration of the individual tines into the soil and excellent processing along the entire machine width.

## NEW TYPES OF PROTECTION

The FENIX FO\_PROFI cultivator now offers several types of protection: shear bolt protection, NON-STOP double-spring horizontal protection (release force of 480 kg) or comfortable hydraulic protection (release force of 550 kg).



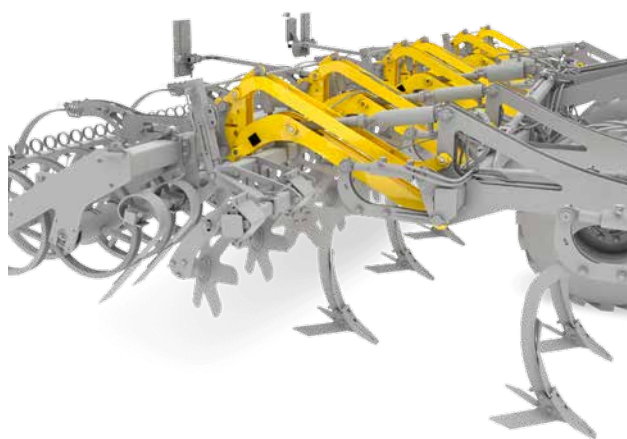
## FOUR TYPES OF WORKING CHISELS

The FENIX FO\_PROFI deep cultivator can be equipped with four types of chisels, which let you adjust the machine for deep loosening or shallow stubble ploughing after harvest. A properly selected working chisel type is also important in terms of the character of the soil to be processed, or the season. You can choose from chisels with a width of 80 and 60 mm, or LONG LIFE chisels with a width of 80 and 40 mm, fitted with carbide plates for higher durability.

## PERFECT SOIL LEVELLING

Choose a combination of the levelling section and a leveller.

FENIX FO\_PROFI can be equipped with a whole range of working parts in relation to the soil character or customer's requirements. The four rows of tines are followed with a levelling section that can be equipped with the levelling backfillers or levelling discs, controlled mechanically or hydraulically conveniently from the tractor cabin. For perfect soil levelling, the FENIX FO cultivator can be equipped with the Crushbar leveller after the rear packers.



## REAR PACKERS WITH PARALLELOGRAM

The rear packers of the universal FENIX FO\_PROFI cultivator are equipped with a parallelogram that provides perfect terrain tracing and maintains the set working depth. The rear packers are not a part of the support frame as in other competitive machines.

| FENIX FO                             |     | FO 4004 PROFI                                                                                        | FO 5004 PROFI | FO 6004 PROFI | FO 8004 PROFI |
|--------------------------------------|-----|------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Working width                        | m   | 4                                                                                                    | 5.2           | 6.7           | 7.9           |
| Transport width                      | m   | 3                                                                                                    | 3             | 3             | 3             |
| Transport length                     | m   | 9.8                                                                                                  | 9.8           | 9.8           | 9.8           |
| Transport height                     | m   | 3                                                                                                    | 3,5           | 4             | 4             |
| Number of tines                      | pcs | 13                                                                                                   | 17            | 23            | 27            |
| Working depth*                       | cm  | 35                                                                                                   | 35            | 35            | 35            |
| Tine protection                      |     | Shear bolt<br>/ horizontal spring (release force of 480 kg)<br>/ hydraulic (release force of 550 kg) |               |               |               |
| Tine spacing                         | cm  | 31                                                                                                   | 31            | 29.5          | 29.5          |
| Tine distance in a row               | cm  | 93                                                                                                   | 93            | 88.5          | 88.5          |
| Frame clearance                      | cm  | 80                                                                                                   | 80            | 80            | 80            |
| Recommended towing engine horsepower | HP  | 200–300                                                                                              | 300–350       | 350–450       | 400–620       |
| Transport tyre dimensions            |     | 500/60-22,5                                                                                          | 500/60-22,5   | 550/60-22,5   | 550/60-22,5   |
| Total weight**                       | kg  | 4,810–8,310                                                                                          | 5,480–9,370   | 6,930–11,890  | 7,510–12,760  |

\* depends on soil conditions    \*\* according to the machine equipment

