

TÉOS - TÉOS R

Stubble cultivator with curved tines 3 rows



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The stubble cultivator TÉOS is the perfect multitask tool. Thanks to its unique design, it can be equipped with a large panel of combinations of levelling tools, rollers and harrows.

The curved tine can get multiple types of shares depending on the result wanted:

- Shallow plowing
- Tilling
- Soil preparation and profiling

Strong points

3 rows of tines

Clearance under frame 800 mm

Space between rows 800 mm

Pitch of 300 mm

+ TAMPING ROLL

The depth control is done thanks to the roll and the wheels, resulting in accurate work within the whole tool width.



+ STRUCTURE

The fixed TÉOS is made of a welded structure with a first beam of 100x100x10 mm and two following beams of 100x100x8 mm for a better structure.

The folding TÉOS uses the same structural idea with a center chassis and 2 lateral panels.



+ TRANSPORT

The fixed TÉOS transport width is either 3 m or 3 m 50 depending on the model.

For the folding TÉOS, the welded structure allows the folding of the 2 lateral panels in order to reduce the transport width to 3 m, perfect on the road. The 4 hydraulic cylinders ensure a plane structure. The transport security is ensured by a hydraulic cylinder coupled with the folding cylinders for an automatic lock.

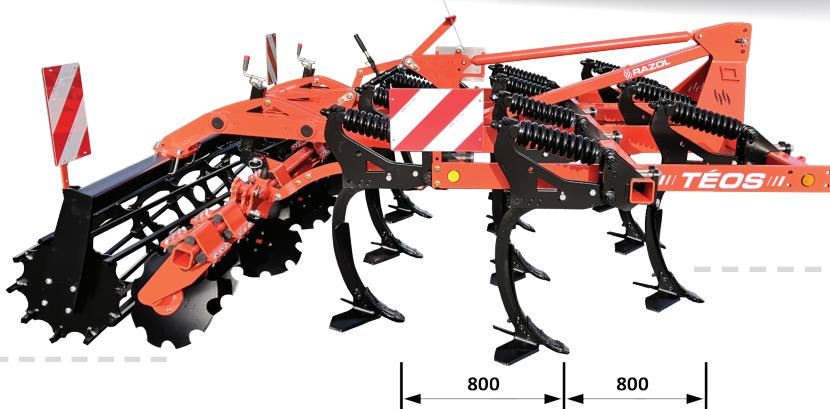
3 WORKING AREAS

100%
mixing

3. TAMPING

1. MIXING

2. LEVELLING



The robust 3 beam structure allows a space of 800 mm between rows and of 300 mm between tines.

As a result : an important soil rolling-up, perfect if there are plants, within 5 and 30 cm depth of work for a speed between 6 and 10 km/h.

SECURITY SYSTEM



+ NON-STOP SECURITY

The tine is made of a welded steel stirrup and a curved stanchion of 60x25 mm. The trigger at the tip of 450 kg is provided by 2 coaxial springs for the Non-Stop tine.

The Aramix system with mechanindus type elastic bushing and greasable pin has been remade for the TÉOS security resulting in a very robust and durable tine under difficult conditions (2 reachable greasers per tines).



+ BOLT SECURITY

The curved stanchion is directly fixed on a hitch using 2 screws. One of the 2 screw has been pre-sheared for a mechanical security in case of too high constraints on the tine's spike.

SHARES

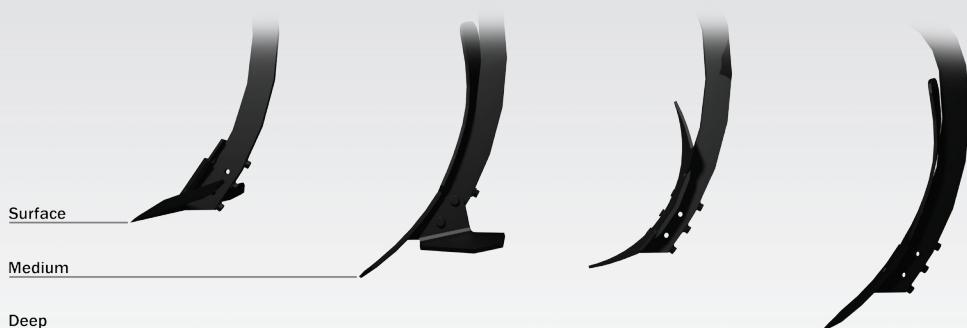
The TÉOS is even more versatile thanks to a large panel of possible shares, which is agronomically and financially important for preserving soil with an optimum profitability. That is why the shares choice depends on soils and needed working depth. The set of Duo Twist shares makes it a perfect stubble cultivator accross the whole working width. The spike keep it inside the soil while the wings regularly stubble and the twisted bows accelerate mixing with side winding: MULCHER effect guaranteed.

Quick Change
310 mm

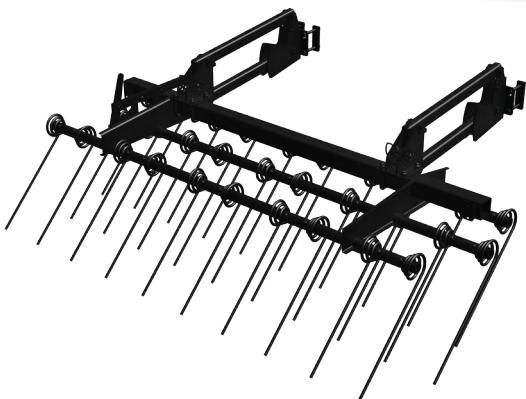
Duo Twist
80x12 + 350x10 mm

Double Core
450x130x15 mm

Duo Twist without fin
80x12 mm



HARROW AND WHEEL



FOLLOWING HARROW

With 3 rows of Ø16 mm wires, it guarantees an optimum levelling after tines passing by bringing out weeds , resulting in a more efficient weed destruction.

In case of working with the following harrow, the use of wheels is highly recommended.

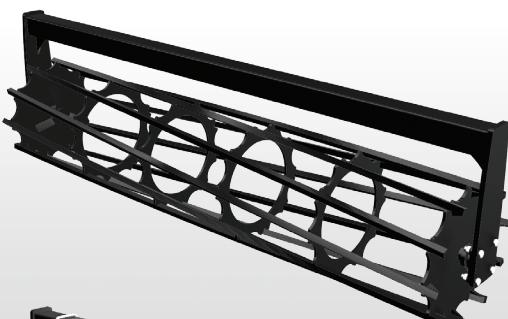


DEPTH CONTROL WHEEL

These wheels are set in the front of the TÉOS. Easily adjusted with a handle, the wheels insure a better stability of the tool.

ROLLERS

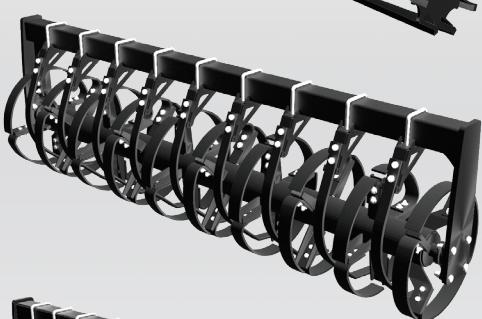
A good choice of roller means good agronomical results. That is why the TÉOS offers 3 possible rollers in order to adapt itself to soils and to bring better result.



SQUARE BARS

Ø500 mm, 25 mm square, 10 bars
Flanged ball bearing Ø50 mm

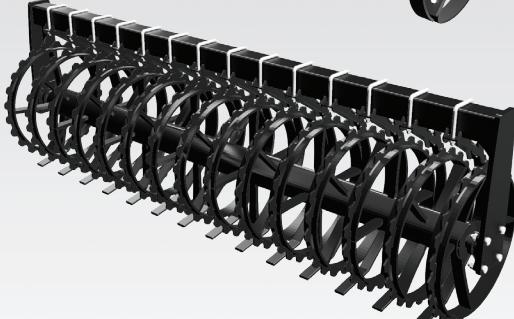
- Seedbed preparation
- Good crumbling
- Nicely used with or without following harrow
- Weight : 100 kg/m



POLYFLEX

Ø570 mm, 4 flexible blades + 1 intermediate blade
pitch of 255 mm (between flexible blades)
Flanged ball bearing Ø50 mm

- Clay and limestone land
- Good tamping and crumbling
- Can even be used on sticky lands and wetlands
- Weight : 170 kg/m



T-PACK

Steel wheels Ø620 mm, with slots, pitch of 175 mm
Flanged ball bearing Ø50 mm

- Wetlands, rich in residues, clay, clay-limestones and silts lands
- Crenellation, ensure traction
- Nice in most situations
- Weight : 200 kg/m

LEVELLING OPTION

The soil repair usually requires a levelling tool, essential for a plane soil. The height of the discs or blades can be easily adjusted with 2 handles and rulers.



+ LEVELLING BLADES

The crooked flexible blades (60x10 mm) level the soil after the tines passing, and their flexibility brings good capability while meeting rocks and clods.

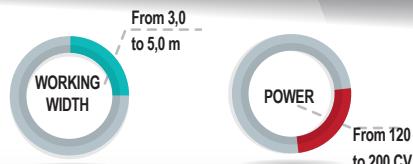
This blades system is maintenance free.

+ LEVELLING DISCS

The high diameter crenellated discs (450 mm with waterproof bearings) guarantee good clearance in any conditions. They are highly appreciated against high level of surface residues and on light and stony ground.

Mounted on a rubber-lined safety, they retract in front of obstacles.

CHARACTERISTICS



TÉOS	TÉOS 300 SB	TÉOS 350 SB	TÉOS R 400 SB	TÉOS R 450 SB	TÉOS R 500 SB
Type	Fixed	Fixed	Foldable	Foldable	Foldable
Working width	3,00 m	3,50 m	3,90 m	4,50 m	5,10 m
Transport width	3,00 m	3,50 m	3,00 m	3,00 m	3,00 m
Power	120 to 150 cv	130 to 160 cv	140 to 200 cv	160 to 200 cv	180 to 200 cv
Number of tines	10	12	13	15	17
Weight (with bolt security)	800 kg	920 kg	1 450 kg	1 560 kg	1 665 kg
Weight (with non-stop security)	1 100 kg	1 260 kg	1 850 kg	2 020 kg	2 190 kg

Shares

« Mulcheur » duo twist	Weight	78 kg	94 kg	102 kg	117 kg	133 kg
« Mulcheur » duo twist without fin	Weight	38 kg	46 kg	50 kg	57 kg	65 kg
« Mulcheur » duo twist with carbide tip	Weight	90 kg	108 kg	117 kg	135 kg	153 kg
« Mulcheur » duo twist with carbide tip and fins	Weight	105 kg	133 kg	137 kg	158 kg	179 kg
« Quick change » 310 x 8 mm	Weight	35 kg	42 kg	46 kg	53 kg	60 kg
Double core 450 x 130 x 15 mm	Weight	42 kg	50 kg	55 kg	63 kg	72 kg

Rollers

SQUARE BARS Ø500 mm	Weight	515 kg	560 kg	687 kg	775 kg	859 kg
TPACK Ø620 mm	Weight	720 kg	800 kg	960 kg	1 080 kg	1 205 kg
POLYFLEX Ø570 mm	Weight	605 kg	670 kg	805 kg	906 kg	1 007 kg

Roller adjustement

Ratchet screw manual adjustement	Weight	10 kg	10 kg	25 kg	25 kg	25 kg
Hydraulic adjustement (1DA)	Weight	35 kg	35 kg	80 kg	80 kg	80 kg

Levelling

Levelling discs	Weight	450 kg	450 kg	600 kg	678 kg	750 kg
Levelling blades	Weight	165 kg	200 kg	240 kg	260 kg	270 kg

Levelling harrow

Following harrow HPR Ø16 mm	Weight	500 kg	530 kg	585 kg	615 kg	615 kg
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Devices with INDEPENDENT DISCS

- SKYRON fixed independent disc harrow
- SKYRON folding independent disc harrow
- SKYRON self-supporting independent disc harrow



Devices with DISCS X

- ORBYS self-supporting X combining sprayer
- ZÉNITH RXH self-supporting X combining sprayer
- ZÉNITH RGH self-supporting X combining sprayer
- ZÉNITH RZH self-supporting X combining sprayer
- ZÉNITH RJH self-supporting X combining sprayer
- PHÉNIXTGX self-supporting X sprayer
- PHÉNIXTBX self-supporting X sprayer



Devices with DISCS V

- CWH - CWHR super heavy self-supporting V Cover Crop
- SYNCHRONIC CIN self-supporting V Cover Crop
- CLH - CVH heavy self-supporting V Cover Crop
- CIH - CJH self-supporting V Cover Crop



Devices with SUPPORTED DISCS

- VITICROP mounted X sprayer
- VINIDISC mounted disc harrow
- TXL mounted X sprayer
- TRW heavy-duty mounted reversible sprayer
- CCW - CCU mounted reversible sprayer



Devices for ROLLING

- TORO - RVH self-supporting cast iron roller
- RVH EVO self-supporting steel smooth roller



Devices with TINES

- KILIS - KILIS R combined cultivator with flexible tines
- TÉOS - TÉOS R stubble cultivator with curved tines 3 rows



Devices for LOOSENING

- ARASOL AVS - AVR supported subsoiler
- ARAPLOW ACV supported decompactor
- ARAPLOW ACM - ACMH supported decompactor
- ARAMULCH ADM - ADMH supported decompactor
- DVV supported subsoiler for vineyard and orchards



Devices for SPRING

- BLI - BMI - BSI folding and fixed mounted cultivator