

3 and 4 row trailed stubble cultivators
TERRIA

 **PÖTTINGER**

Moves more



Moves more





TERRIA

trailed stubble cultivators

TERRIA trailed stubble cultivators cover a wide range of applications in tillage. From shallow stubble cultivation to deep loosening work the choice is yours. The perfectly configured tines leave an optimum working result for your soil, as the basis for a successful season.

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All information on technical data, dimensions, weights, output, etc. and the images shown, are approximate and are not binding. The machines shown do not feature country-specific equipment and may include equipment that is not supplied as standard, or is not available in all regions. Your PÖTTINGER dealership would be pleased to provide you with more information.

Leading the way



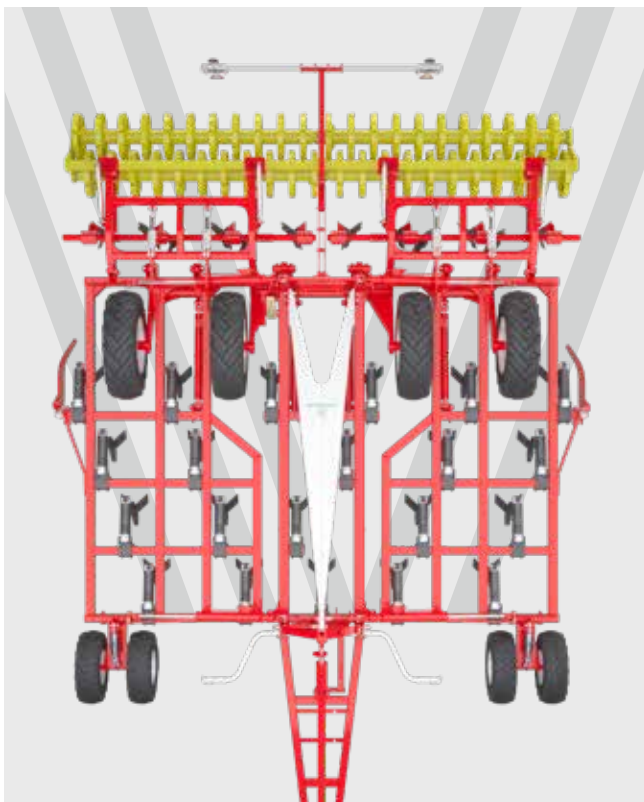
Move more

The TERRIA series consists of trailed 3 and 4 row stubble cultivators with working widths between 4 and 6 metres. The mechanical or hydraulic NOVA stone protection system enables these cultivators to work without interruption on all soils - no maintenance required. Because the chassis is integrated into the frame to create a compact machine, it offers better manoeuvrability as a result. The tillage tools are arranged symmetrically along the pull line. This ensures that the entire surface of the soil is moved, even during shallow cultivation. The fully hydraulic depth control will allow the operator to change the working depth on the move, this is a standard feature on all TERRIA models.

Symmetrical tine configuration

- Even on hard and dry soils reliable soil penetration is achieved.
- Perfectly matched tool spacing delivers an impressive mixing effect and a low draft.
- The smooth operation of the machine promotes a consistent working depth across its entire width.
- Uniform wear of the cultivator shares increases the intervals between changes.

TERRIA trailed stubble cultivators



Right down the centreline

We make sure that our stubble cultivator is always aligned exactly on the centreline of the tractor. That way you benefit from its full potential. Each pass connects perfectly, especially when using parallel guidance systems. The highest productivity to meet the highest expectations.

Keeps its promise

Our trailed cultivators have been designed so that the machine width indicated corresponds to the actual working width. Get the highest possible efficiency with the most compact transport dimensions.

One machine, two cultivators



3 row system

Less is more. In order to provide your soil with the best possible support during straw decomposition, or to loosen it deeply, this compact system stands out in many ways. It is worth making a comparison with the four row system because this delivers attractive results in the field.

- Thanks to the compact design of the frame, it mixes soil and organic matter intensively, even at low speeds and with low tractor power requirements.
- Furthermore, deeper loosening allows homogeneous mixing and reliable straw decomposition.
- Thanks to its short overall length, the machine adapts ideally to undulations in hilly terrain.

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4 row system

A large dimensioned frame with maximum clearance characterises the leading machine in the cultivator V formation. The 3 and 4 row TERRIA models have the same number of tines. That is why the two machines work in different ways.

- The incorporation of large volumes of plant residues such as flattened crops or maize straw can easily be achieved thanks to the large clearance.
- Because the tine configuration is longer, the soil mixture spends a longer time in the worked area. This has a positive effect on levelling and tilth quality.
- The result is a wide range of capabilities from stubble cultivation to deep tillage and seedbed preparation.

Efficient



Impressive performance all the way

Perfect ground tracking is a prerequisite for consistent results across the whole working width, because every square metre of soil is valuable. In addition to the newly developed jockey wheels, there are technical features to ensure the best working results.

Fully hydraulic depth adjustment

For fast and precise working depth adjustment, PÖTTINGER has equipped the TERRIA trailed stubble cultivator with a high quality hydraulic system as standard. This supplies the hydraulic cylinders on the jockey wheels and rear roller with the same ratio of oil. As a result the machine is always exactly parallel to the ground. The settings can also be changed while driving. A large, easy-to-read scale at the front end of the frame provides a quick check.

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Strong jockey wheels

The TERRIA is available in 4 and 5 metre widths with single tyre jockey wheels, the 6 metre version is available with double tyre jockey wheels. Together with the hydraulically adjustable rear rollers, they hold the machine at the selected working depth. Thanks to their robust mountings and a tyre size of 11.5/80-15.3, they reliably guide the tines during operation. This ensures that a uniform result across to the outermost tillage tools is always guaranteed.

Variable drawbar cylinder

The drawbar is equipped with a hydraulic cylinder that can be set to either floating or rigid, with the help of swing clips. Furthermore, it supports the machine in ensuring optimum soil penetration and lifting at headlands.

- Floating mode: The stubble cultivator follows the contours of the field in the direction of travel. This improves ground tracking to provide uniform quality of work.
- Rigid mode: The weight of the stubble cultivator is transferred to the rear axle of the tractor. This improves traction and increases the efficiency of the tractor.

Consistent



Integrated chassis

The chassis wheels are located inside the work area between the tines. The compact overall length is practical when working in the field. Because the wheels are fitted with tractor tyres, any soil adhering to them is cleared from the treads, even in wet conditions.

- Tight turning radius and neat finishing of field corners
- Good ground tracking in hilly terrain
- Low drawbar load on the tractor hitch
- Special linkage enables quick lifting and lowering at headlands.
- Tyre dimensions: 15.5/80-24

A reliable way to finish the job

The large tyre diameter and the adapted tyre width ensure that loose soil is not pushed up to form a ridge. In combination with the optimised self-propulsion of the wheels, it is possible to manoeuvre on narrow headlands and field access roads.

Air brakes or single-line hydraulic brakes are offered as additional equipment options. This enhances safety on the road when driving at up to the maximum permitted speed.

TERRIA trailed stubble cultivators



Trouble-free operation

A consistent flow of soil is guaranteed even where there are large quantities of straw and harvest residues because the TERRIA trailed stubble cultivator has a high underframe clearance. In addition, the tine spacing has been optimised. Working together for your success in the field.

In the working position the chassis wheels are raised above the frame. This also guarantees an undisturbed flow of soil through the work area and prevents dirt entering the brake system.

Clever differentiation

The 4 and 5 metre wide versions are equipped with two chassis wheels. The 6 metre wide version can be equipped with 4 chassis wheels as an option. This ensures optimum weight distribution to keep harmful compaction in the field to a minimum.

Reliable



Proven share geometry

A stubble cultivator can only reach its full potential if its tillage tools are designed for the most challenging conditions. These requirements are met by chisel points in different grades of hardness as well as other share geometries such as narrow points.

In order to move the whole surface, wing shares are available as an option with different levels of wear resistance.

DURASTAR wear parts

Because the time windows for soil cultivation are getting smaller and smaller, each productive minute counts. The DURASTAR and DURASTAR PLUS wear parts ensure maximum service life of points and wings because they are made of the hardest materials.

Wide, clamped tine bracket

In order to be able to transfer power of up to 650 hp to the ground, the tillage tools on the TERRIA are clamped to the frame using wide brackets. This ensures high strength and optimal power transmission without any weak points caused by welding seams or holes in the frame.

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Maintenance-free stone protection

PÖTTINGER has further enhanced their proven NONSTOP stone protection system. This is essential for trouble-free operation, especially when there are large obstacles. The range has now been extended with a hydraulic version.

- Maximum deviation to avoid large obstacles
- Conserves the frame and tillage tools
- Additional shear bolt to protect against damage in an emergency
- Extra large pressure gauge on the drawbar to check the triggering pressure of the hydraulic NOVA elements

Mechanical - proven technology

The straightforward spring unit is designed for loads of up to 600 kg and offers durable and robust protection against damage. This system does not need any greasing points, which saves maintenance costs and time.

Hydraulic - full flexibility

In order to meet the requirements of widely varying conditions, hydraulic overload protection is also available. The maximum triggering force of 650 kg can be adjusted conveniently from the tractor seat. No maintenance is needed on this system either.

Uniform



Choice of settings

Regardless of whether you are working shallow after harvesting or deep for intensive loosening, using these proven adjustable tillage tools you can adapt to changing requirements in just a few steps. That way you always have everything under control and can make use of your machine's full potential.

Wing position

The two wings are clamped to the leg with only one bolt. Two positions provide full flexibility.

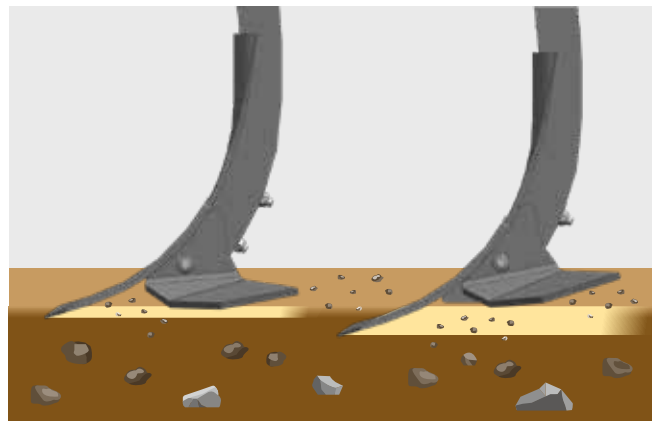
- The lower wing position is for shallow stubble cultivation
- The upper wing position is for intensive mixing

Leg position

There are two settings for the leg to be adapted to the specific task. You can adapt cultivation intensity by altering the angle from shallow to deep. The mounting bolts also act as shear bolts. This also applies to the version with NOVA stone protection.

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Effective levelling

The maintenance-free, scalloped concave discs have a diameter of 400 mm and are mounted on rubber elements to protect them against obstacles such as stones. Each pair of discs is guided by the rear roller and are adjusted automatically when the working depth is changed. So you do not need to adjust the working depth again.

Fine adjustment of the concave discs is carried out by means of easily accessible spindles. Once set, the working results are consistent regardless of the depth setting.

Edging board for tidy connection between passes

The edging boards, which can be precisely adjusted in height and angle, are designed to direct the soil back under the rear roller in all situations. If it collides with any obstacles, the edging board can fold to the rear and spiral springs enable sideways movement.

Weed management with levelling tines

Levelling tines are available as an option to provide a fine crumbly surface, this ensures the best germination conditions for seeds and volunteers. In addition, weeds are combed out of the soil and deposited on the surface to wilt. The height and position can be easily adjusted using a hole matrix.

Mounting and transport



Smooth road transport

The TERRIA models are all equipped with chassis suspension. Shocks and vibrations are absorbed by the chassis cylinders. To achieve the best suspension travel, the frame is moved to the correct position as indicated on the rear scale. The suspension delivers a smooth ride on the road and in the field for the machine, tractor and driver.

The weight of the stubble cultivator is evenly distributed thanks to the centrally positioned integrated chassis. This reduces the drawbar load on the tractor.

Plenty of space

The large tyre diameter and the special chassis linkage provide a generous ground clearance of 21 cm.

When used with double, dual or wide large tractors, the headland can become very narrow. In order to ensure smooth operation here as well, a drawbar that is 1 metre longer is available as an option.

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Attaching the machine

You have the choice between a lower linkage mounting (Cat. 3 / Cat. 4) and a towing eye (30, 40, 50 or 70 mm). This can be adapted to different attachment geometries using a hole matrix. The parking stand is mechanically adjustable as standard.

Automatic transport interlock

Sometimes you need to move to the next field quickly. The transport lock is released by activating the spool valve for the working depth. The machine can then be unfolded. You do not need to change anything on the machine, saving you valuable working time.



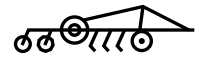
Easy handling

The TERRIA is easily operated using 3 double-acting spool valves. Clearly labelled valves are located on the drawbar to control the various functions.

- 1st spool valve: Folding the stubble cultivator and setting the triggering pressure for the stone protection system
- 2nd spool valve: Controlling the chassis when raising and lowering the machine at the headland
- 3rd spool valve: Setting the working depth using the jockey wheels and rear roller, as well as releasing the transport interlock

Trailed stubble cultivators





Trailed 3-row stubble cultivator





Impressive from the start

Especially active mixing performance and flexible applications are just two of many outstanding features of the TERRIA 1030. The compact frame results in particularly homogenous incorporation of soil and plant residues. Thanks to its low draft, this three row trailed stubble cultivator delivers an impressive performance, even during deeper tillage work.



Save costs

A lower power requirement for consistent mixing of the soil. This results in less fuel consumption and lower wear costs. At the end of the day, this adds up to a higher profit and more money in the bank. PÖTTINGER's wear parts feature the highest quality material. The result is less set-up time and lower spare parts costs.

Dynamic

The TERRIA 1030 trailed stubble cultivator has the same number of tillage tools as the TERRIA 1040 within a shorter frame length. Soil and crop residues are therefore mixed dynamically even at low driving speeds. The special geometry of the points moves the soil uniformly. With the adjustable wings you can also vary the intensity of the soil movement.

Ground tracking

The compact design of this machine allows it to adapt perfectly to undulations in hilly terrain. The integrated chassis has a positive effect on the manoeuvrability of the machine. The perfect ground tracking enhances the machines performance to ensure uniform working results right into every corner of your field.

Trailed 4-row stubble cultivator





The all-rounder

High underframe clearance and a longer machine design combined with the symmetrical tine arrangement ensures the 4 row TERRIA models achieve universal applications in modern arable farming. The high underframe clearance ensures reliable incorporation of residues and excellent working results even with high volumes of organic matter. Due to the longer design, the soil remains within the work area longer, which results in perfect levelling.



Plenty of space

The TERRIA 1040 demonstrates what it can really do following the harvest of crops with high amounts of residues such as maize. The combination of the number of tillage tools and inter gang spacing provides excellent underframe clearance. This ensures blockage-free operation, even with high volumes of organic trash.

Level conditions

Successful sowing begins with successful tillage. The large space between the tillage tools ensures that soil can settle better and remain longer in the work area. The result is a perfect levelling of the soil surface to provide the basis for precision seed placement.

Wide range of applications

A solution for every job: with this 4 row stubble cultivator, PÖTTINGER gives you the tool to handle all your upcoming tasks. You can easily handle every stubble cultivation and seedbed preparation job by simply adapting the working speed and depth. Thanks to the huge underframe clearance, there is nothing to stop you performing deep loosening primary tillage.

Trailing rollers



Wide range of rear rollers

It's your choice. PÖTTINGER offers a wide range of rear rollers for perfect results with the desired tilth in any type of soil. The whole range of rear rollers features precision manufacturing and robust design engineering. The bearings at each end of the rollers have been specified to take the highest loads.

Requirements	Pack ring roller	Rubber packer roller	Tandem CONOROLL roller
Consolidation	++	++	+
Damp conditions	++	-	+
Dry conditions	+	++	++
Crumbling effect	+	o	++
Load capacity	+	+	+
Self-propulsion	+	+	+
Suitability for stones	o	+	++
Scraper	yes	yes	no
Diameter (mm)	550	590	560

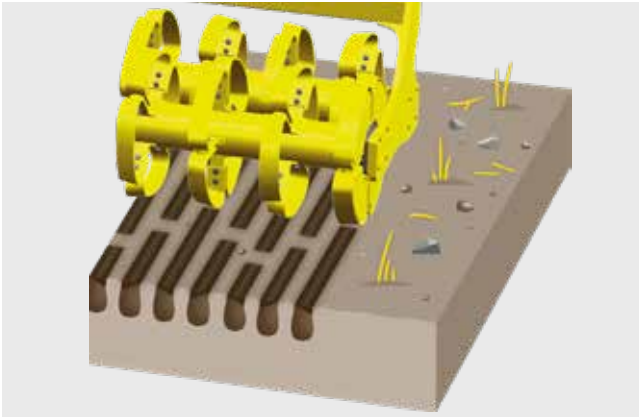
++ highly suitable

+ very suitable

o suitable

- not suitable

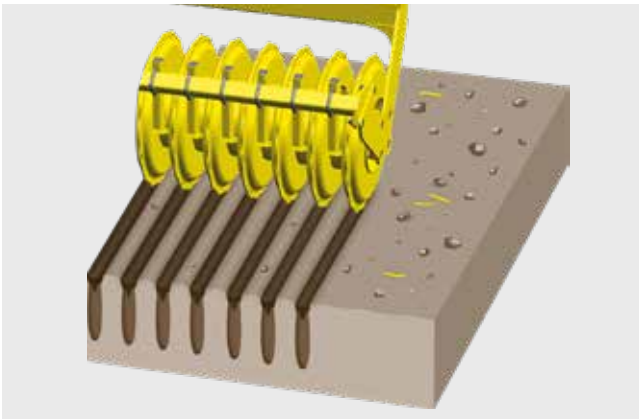
For thorough consolidation



Tandem CONOROLL roller

The tandem CONOROLL roller consists of two rear rollers. The diameter of the rings is 560 mm, the ring width is 70 mm. Ideally suited to trailed machines.

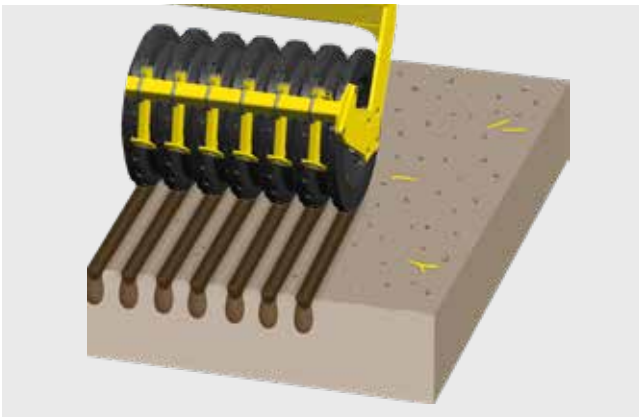
- High load bearing capacity thanks to the double rollers, making it ideal for light soils
- The travel path of the roller frame is adjustable according to the operating conditions
- Rollers self-clean effectively, no scrapers required



Pack ring roller

The enclosed packer rings have a diameter of 550 mm with eight rings per metre of working width. The roller leaves behind consolidated ridges. The scrapers are coated for an extended working life.

- Promoting drainage and soil respiration
- Ideal for high volumes of organic matter
- Works well even on stony and damp soils



Rubber packer roller

This model has a diameter of 590 mm. The special profile produces consolidated ridges. The scrapers are coated for an extended working life.

- Well suited to widely varying soil conditions
- Highest load bearing capacity for any weight of machine
- Creates consolidated ridges

Accessories



CLASSIC wear parts
(chisel points and wings)



DURASTAR wear parts
(chisel points and wings)



DURASTAR PLUS wear parts
(chisel points and wings)

TERRIA 4030 / 4040	■	□	□
TERRIA 5030 / 5040	■	□	□
TERRIA 6030 / 6040	■	□	□



Four-wheel chassis



Hydraulic jockey wheels
(single) 11.5/80-15.3



Hydraulic jockey wheels
(double) 11.5/80-15.3

TERRIA 4030 / 4040	-	■	-
TERRIA 5030 / 5040	-	■	-
TERRIA 6030 / 6040	□	-	■

■ = standard, □ = optional

Often ordered together



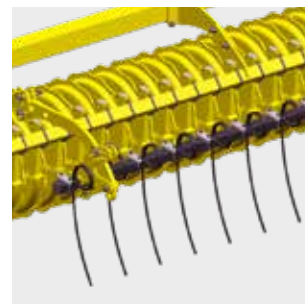
DURASTAR narrow point



NOVA stone protection mechanical



NOVA stone protection hydraulic



Rear harrow

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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Air brakes
Hydr. single-line brakes



Warning signs and lighting

<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

More equipment options

- Extended drawbar (+ 1.0 m)
- Lower linkage mounting Cat. 4 / Width 3
- Towing eye 30 mm / 40 mm / 50 mm / 70 mm
- Tine transport protection

Technical data

TERRIA	4030	5030	6030
Mounting	Lower linkage (Cat. III / 3) or pick-up hitch (50 mm)	Lower linkage (Cat. III / 3) or pick-up hitch (50 mm)	Lower linkage (Cat. III / 3) or pick-up hitch (50 mm)
Working width (m)	4,0	5,0	6,0
Transport width (m)	3,0	3,0	3,0
Transport height (m)	2,6	3,1	3,6
Transport length (m) ¹		8,4	
Number of rows		3	
Number of tines	13	17	21
Tine spacing (mm)	310	290	290
Inter row spacing (cm)		80	
Underframe clearance (cm)		82	
Power requirement from (hp)	180	225	270
Weight with NOVA mechanical (kg) ²	5.026	5.586	6.776
Weight with NOVA hydraulic (kg) ²	4.821	5.316	6.441
Pack ring roller (kg)	840	1.040	1.220
Rubber packer roller (kg)	940	1.130	1.320
Tandem CONOROLL roller (kg)	1.020	1.235	1.475

¹ Basic machine + Tandem CONOROLL roller + lighting

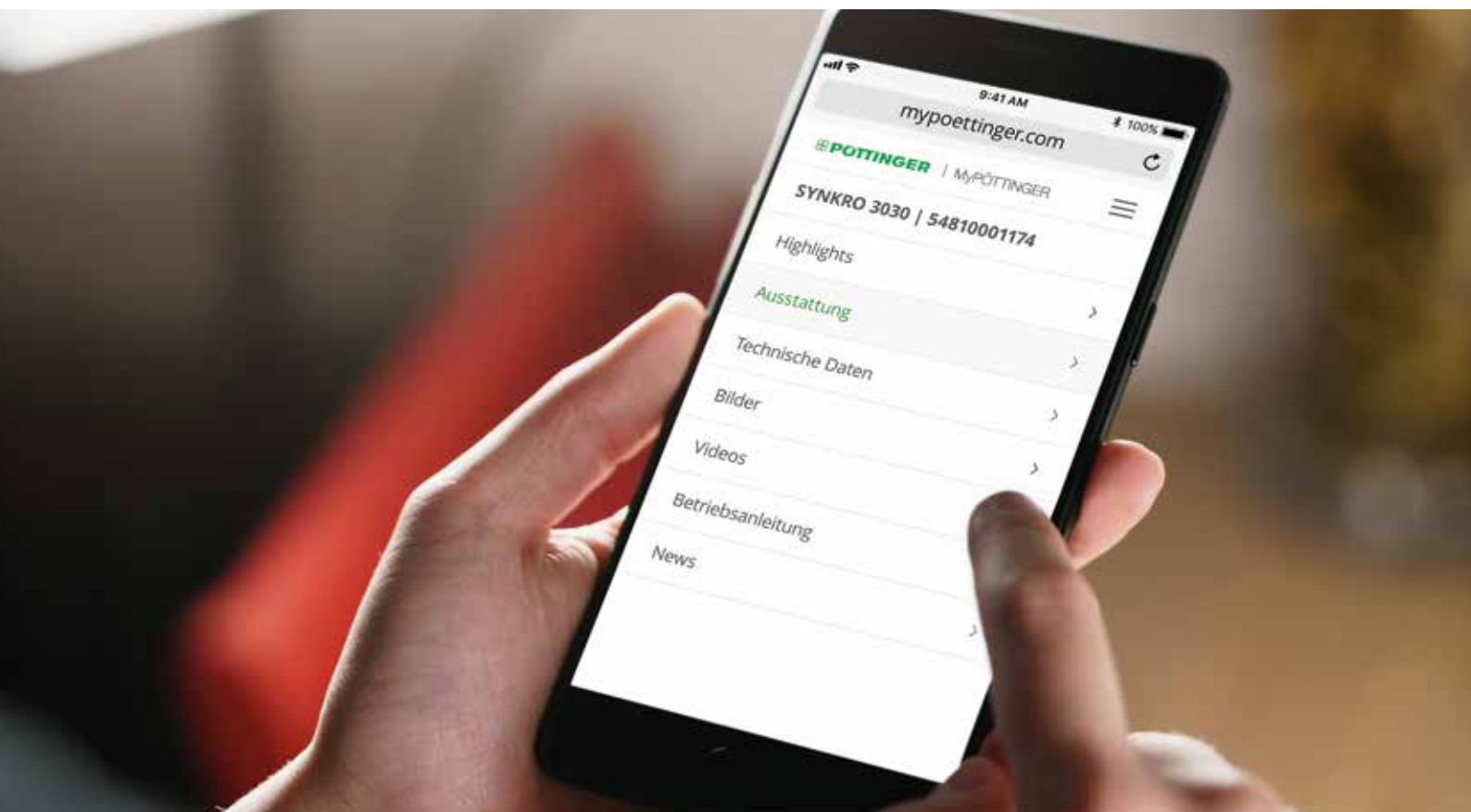
² Without rear roller

TERRIA

trailed stubble cultivators

4040	5040	6040
Lower linkage (Cat. III / 3) or pick-up hitch (50 mm)	Lower linkage (Cat. III / 3) or pick-up hitch (50 mm)	Lower linkage (Cat. III / 3) or pick-up hitch (50 mm)
4,0	5,0	6,0
3,0	3,0	3,0
2,6	3,1	3,6
	9,2	
	4	
13	17	21
310	290	290
	80	
	82	
200	250	300
5.151	5.696	6.941
4.946	5.426	6.606
840	1.040	1.220
940	1.130	1.320
1.020	1.235	1.475

All machine information at a glance



MyPÖTTINGER – Simple. Anytime. Anywhere.

For all PÖTTINGER machines 1997 models onwards

We have created MyPÖTTINGER as a tool to provide machine specific information for all machines from year of build 1997 onwards.

Simply scan the QR code on the data plate with your smartphone or tablet or enter your machine number at www.mypoettinger.com.

Your machine goes online

You will immediately receive all the information on your machine.

- Instruction manual
- Optional equipment information
- Brochures
- Photos and videos.



CLASSIC

DURASTAR

DURASTAR PLUS

Rely on the original

PÖTTINGER Original Parts meet the highest demands in terms of functionality, reliability and performance. These are characteristics that PÖTTINGER is committed to delivering.

That is why we manufacture PÖTTINGER Original Parts from the highest quality materials. We ideally match each individual spare part and wear part to your machinery's overall system. This is because different soil and operating conditions often need to be taken into consideration.

We have been listening to our customers and now offer three different lines - CLASSIC, DURASTAR and DURASTAR PLUS - to make sure you have the right part to meet every requirement. Original parts are worth every cent, because know-how cannot be copied.

Your advantages

- Immediate and long-term availability.
- Maximum durability thanks to innovative production processes and the use of the highest quality materials.
- Avoidance of malfunctions due to a perfect fit.
- The best working results thanks to optimum match to the overall system of the machine.
- Save time and costs thanks to longer replacement intervals on wear parts.
- Comprehensive quality testing.
- Ongoing advancement through research and development.
- Worldwide spare parts supply.
- Attractive, competitive prices for all spare parts.

Wear parts

The CLASSIC line is for standard duty applications. With these ORIGINAL INSIDE parts we have defined the benchmark for quality, best price/performance ratio and reliability.

DURASTAR is the innovation on the wear components market - durable, high quality, productive and reliable.

Are you used to putting your machines to work in the most extreme conditions? Then the DURASTAR PLUS line is the right choice for you.



More Success with PÖTTINGER

- A family-owned company since 1871.
Your reliable partner.
- Specialist for tillage, seed drills,
hay and harvesting machines
- Future-safe innovation for outstanding working results
- Roots in Austria - at home throughout the world

You can rely on our TERRIA

- The generous underframe clearance and the well thought-out tine spacing ensure blockage-free operation.
- Perfect ground tracking thanks to jockey wheels, adjustable drawbar cylinders and adaptable tillage tools.
- Trust in PÖTTINGER. Harvest success.

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