





CULTILINE HR: your best partner

It is no longer necessary to demonstrate the versatility of the power harrow. SULKY CULTILINE HRs push aside the references due to the quality of their crumbling performance, their ease of maintenance and their long service life.

- > **4 rotors per metre:** impeccable seed beds so that crops can be sowed rapidly, true traction facility and fuel savings
- > Tines that are **quickly dismantled by the centre:** undoubtedly the best designed system on the market both mechanically and in terms of safety
- > **Robustness:** ø 65 mm taper roller bearings, solid coupler head, each technical choice made by SULKY has been guided by a search for quality.



*SULKY, the seed drilling specialist, has ensured the **compactness** of its combine machines (above with the XEOS PRO).*

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CULTILINE ^{SERIES} 1000 : a look at the range



CULTILINE HR.14
(140 hp unit)



CULTILINE HR.19
(190 hp unit)



CULTILINE HR.22
(220 hp unit)



CULTILINE HR.26
(260 hp unit)



Practical! The CULTILINE HRW.28 folds to make transport easy.

CULTILINE HRW.28
CULTILINE HRWS.28
(280 hp unit)



CULTILINE HRW.36
(360 hp unit)



CULTILINE XR
(disc tools)

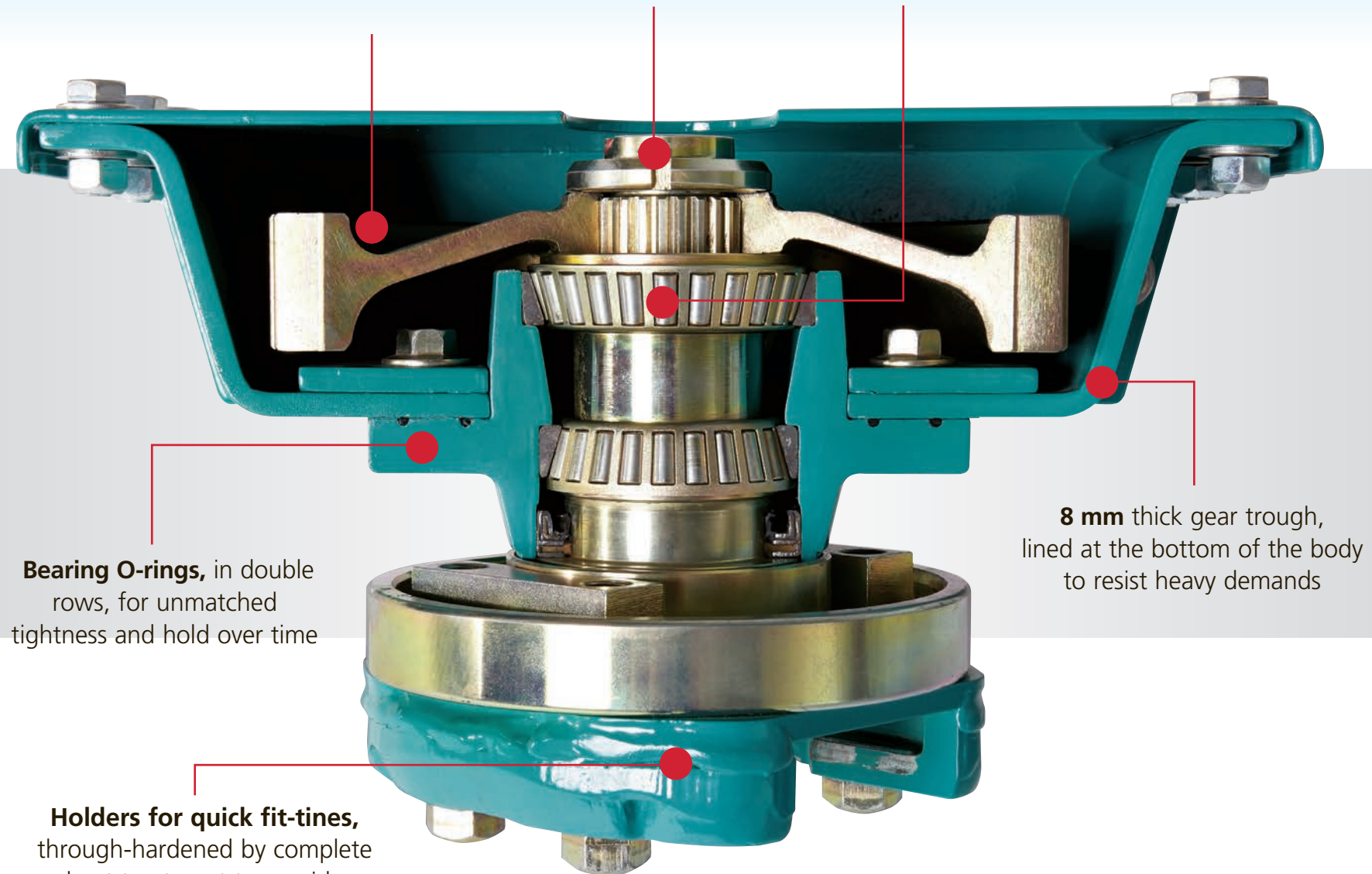


CULTILINE VR
(tine tools)

45 mm thick rounded rotor shaft providing perfect load transmission in the bearing axis

Upper nut stopped in rotation

ø 65 mm **taper roller** bearings mounted on the shaft, capable of absorbing heavy stresses



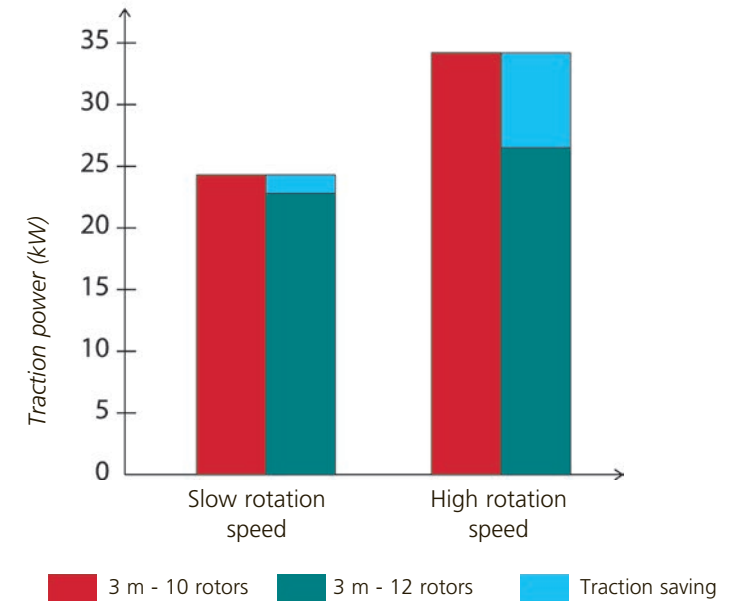
Bearing O-rings, in double rows, for unmatched tightness and hold over time

8 mm thick gear trough, lined at the bottom of the body to resist heavy demands

Holders for quick fit-tines, through-hardened by complete heat treatment to provide very long service life

"Top-of-the-range" technical choices"

**4 rotors per metre:
up to 15% saving in traction!**



Source: Bavarian Institute of Agriculture, Weißenstefan (Germany)

Trial conditions for May 2004/Document No.06885:

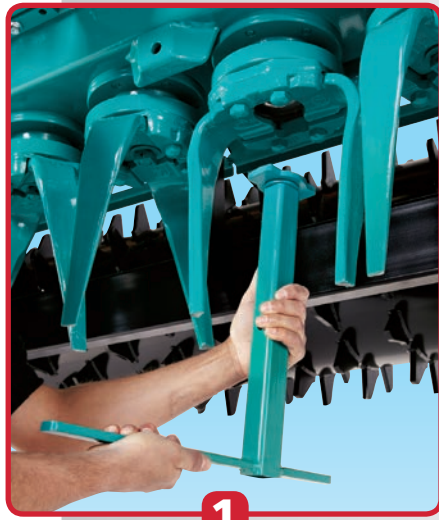
- > Freshly ploughed soil (sandy clay soil)
- > Forward speed: 7.5 km/h
- > Average working depth: 9 cm
- > Crumbling of equivalent intensity between the 10 and 12 rotor/3.00 m designs tested.

Complete trial report at www.ifl.bayern.de

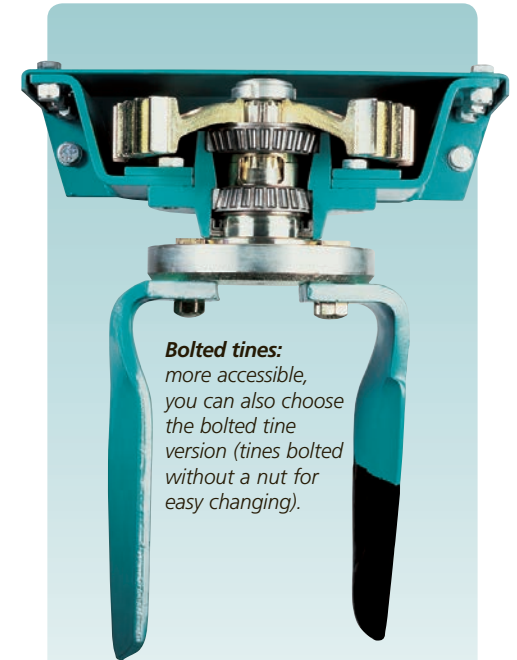


A proven system!

Exclusive to SULKY: fast disassembling and removal of tines by the centre of the rotor



Unlocking (1), removal of the first tine (2), removal of the second tine (3).
Disassembling and then reassembling the tines in just 3 stages, completely safely.



Bolted tines:
more accessible,
you can also choose
the bolted tine
version (tines bolted
without a nut for
easy changing).

New 330 x 18 mm forged tines:
their specific design provides just
as much crumbling giving new
savings in traction.

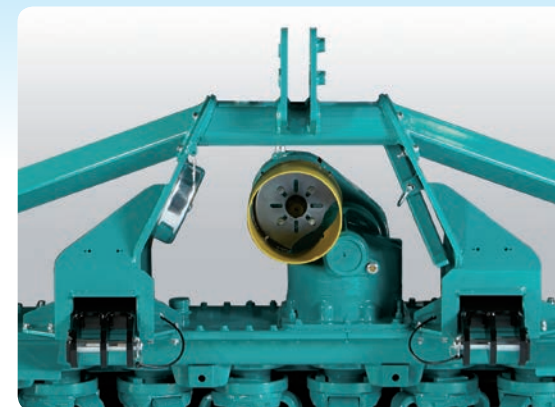
Cultiline ^{SERIES} 1000 : ready for the most intensive sites!

Available in fixed and folding versions, the "1000 Series" harrows are developing towards greater robustness and ease of use.



1 Rapid adjustment levelling board

3



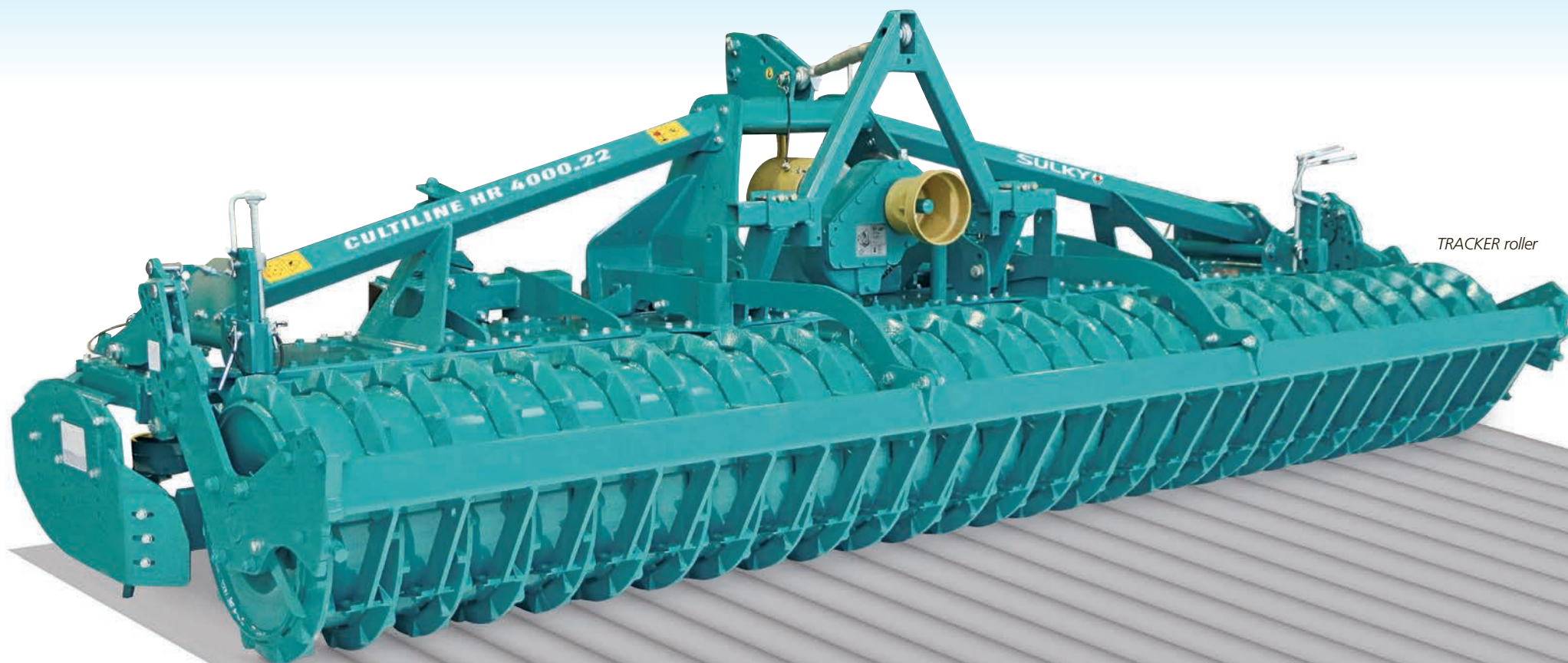
3 Solid coupler head to take seed drills with very large hoppers

4 New centralised adjustment of the packer roller completed by carbide-coated scrapers and 60 mm diameter ultra-robust bearings
(more information on the rollers on Page 16)

2

2 Extended anti-ridging side deflectors

4



TRACKER roller

Model	3000.19	3000.26	3500.22	3500.26	4000.22	4000.26
Working width	3.00 m	3.00 m	3.50 m	3.50 m	4.00 m	4.00 m
Power	190 cv	260 cv	220 cv	260 cv	220 cv	260 cv



Model*	HRW 4000.28	HRW 4500.28	HRW 5000.28	HRW 6000.28
Working width	4.00 m	4.50 m	5.00 m	6.00 m
Power	120 -280 hp			

Modèle	HRW 6000.36	HRW 7000.36	HRW 8000.36
Working width	6.00 m	7.00 m	8.00 m
Power	Jusqu'à 360 hp		

* HRW and HRWS

Folding CULTILINE HRWs: heading for productivity!



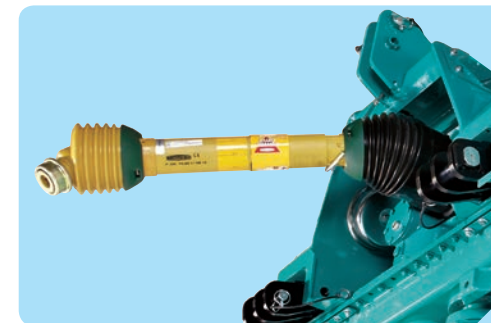
An **intermediate chassis** carries the hydraulic folding; each of the two actuators has securing guiding racks.

Hydraulically controlled locking for transport with a width of 2.95 m overall (2,50 m on Serie HRW SLIM).

Are you keen on "big widths" as well as reducing the number of runs?

Then look closely at the CULTILINE HRW range.

- > A "**280 or 360 horsepower**" central gearbox.
- > A WALTERSCHEID "**Power Line**" PTO drive (lubrication only every 250 hours) fitted with a torque limiter with automatic set/reset.
- > **Pre-equipped** with "large diameter" roller packer with a view to coupling a drill bar fed by a frontal hopper at the rear later.
- > The best argument for using SULKY power harrows: **4 rotors per metre**, quick-fit tines that can be extracted by the centre of each rotor, **3-year warranty** for the gearbox and gear trough, etc.



CULTILINE VR tine machines: economical, compact, fast, etc.

- > **Undercarriage supporting double beam** (100 x 100 x 6.3 mm thick) providing stability at high speed.
- > Robust **solid coupler head** with side wire stays.
- > Maximum clearance with **3 rows** of Type 32 x 12 **vibrating straight tines**.
- > **Choice of roller:**
 - packer roller
 - bar roller
 - TRACKER roller
 - GRAVITY roller

(see pages 16-17).

Main options:

- Mechanical or hydraulic linkage
- Non-stop track eradicator tines, depth-adjustable and retractable using a single pin
- Transmission bearing for driving a fan in the SULKY pneumatic seed drill, etc.



Model	VR 3000	VR 3500	VR 4000
Working Width	3.00 m	3.50 m	4 .00 m
Number of tines	24	28	32

CULTILINE XR*: the speedy disc tool for seedbed preparation

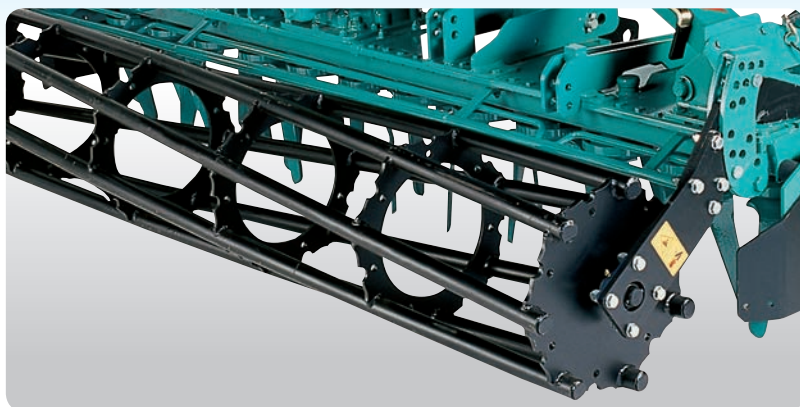
The CULTILINE XR is a **mounted cultivation tool with two rows of notched discs**. It is available in 3.00 m, 3.50 m and 4.00 m versions and it is characterised by its ability to work at speeds higher than 12 km/h.

- > **Speed is its ally:** with its 415 mm diameter discs positioned in the form of an X, the CULTILINE XR module is suitable for working on mulch at **speeds of between 12 and 15 km/h**.
- > **Preparation has been perfected:** The soil flow is levelled by a comb harrow located just behind the two rows of discs. The roller provides soil firming before the passage of the drilling elements (**choice of Packer 550, Gravity or Tracker roller**).
- > **The XEOS PRO is more flexible than ever.** The XEOS PRO may be combined either with the CULTILINE XR module or a **SULKY CULTILINE HR rotary harrow**. The unit's modularity makes in a first choice partner from early drilling right till the end of the season, particularly in wet conditions.



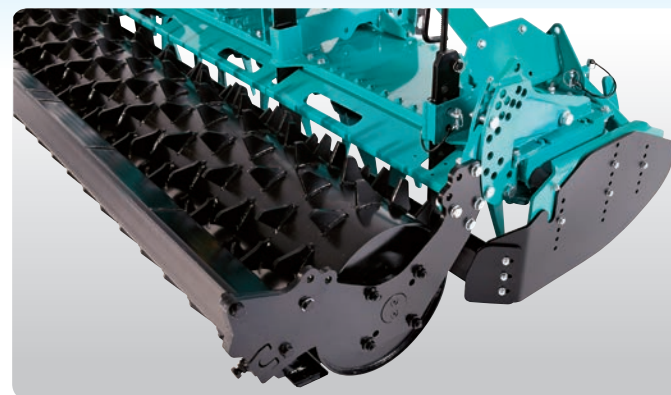
* Only in combination with the XEOS PRO

| A wide selection of rollers



500 mm bar roller: economical

- > Suitable for very “parched”, fragile or “compacted” soils.
- > “7 tube” kit offered as a supplement for better levelling on rather light soils.



550 mm packer roller: flexibility

- > At ease in all conditions, it is the perfect compromise between cost and technicality.
- > Strengthened \varnothing 60 mm* bearings – Long spikes (clod breaking, firming and stability on slopes) – Scrapers with centralised adjustment factory-supplied with a carbide anti-wear treatment.
- > Retractable scraper bar providing very easy maintenance and cleaning.

	Clay/limestone soil	Clay soil	Compacted loamy soil	Balanced soil
Bar roller	****	**	****	***
Packer roller	****	*****	***	*****
TRACKER roller	*****	***	*****	*****
GRAVITY roller	*****	*****	*	***

* Except HRW SLIM



520 mm GRAVITY roller: good performance

- > Powerful, even soil firming over the entire working width = optimum germination + reduction in evaporation in dry conditions
- > Flexible rubber belts: high self-cleaning capacity allowing high forward speeds
- > Low power consumption

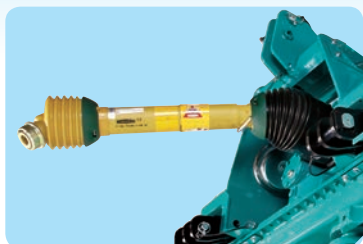


550 mm TRACKER roller: technicality

- All the agronomic advantages with the addition of metal durability:
- > Energetic firming on the furrow = excellent rise of humidity giving successful emergence.
 - > Metal roller without any possible deterioration even on stony soils.
 - > Available with 12.5 cm or 15 cm inter-rows



Technical characteristics and equipment (● Standard - ○ Option)



● Torque limiter PTO (8 or 21 splines)

Automatic set/reset - «Powerline» version with lubrication every 250 hours (CULTILINE HR.26/.28/.36).

Rear output PTO



● Linkage Cat. II or III with oscillating yokes

Ensures perfect tracking of terrain undulations.

(Cat. II on .14)



● Rotor rotation speed selector

2 positions, i.e. 4 speeds available as standard: two on the selector, plus two by changing the drive pinions.

Standard on HR.26 «1000 Series»

On HR .14 / .19 / .22 / .28 and .36: gearbox with 2 speeds by changing the drive pinions.



● Spirit level



○ Tines coated with tungsten carbide



○ Hydraulic linkage

- mechanical version
- 1,700 kg standard hydraulic version
- 2,500 kg super hydraulic version



○ Protection for stony conditions

Should be reserved for extremely stony conditions.



○ Non-Stop track eradicators

- Ultra-sturdy design
- Height and spacing adjustment
- 1 or 2 sets depending on the tractor tyres

Other options:

- Side markers:
 - hydraulic folding, vertical for the rigid version and horizontal for the folding version
 - active and passive safety devices
- Additional set of drive pinions 32/33 (411-437 rpm) except for 26 Series.
- Kit of 7 additional tubes for cage roller (improves levelling and the preparation of light soils).
- Front/rear signalling panel.

Model	2500.14	3000.14	3000.19	3000.26	3500.22	3500.26	4000.22	4000.26	4000.28	4500.28	5000.28	6000.28	6000.36	7000.36	8000.36
Working width	2,50 m	3,00 m	3,00 m	3,00 m	3,50 m	3,50 m	4,00 m	4,00 m	4,00 m	4,50 m	5,00 m	6,00 m	6,00 m	7,00 m	8,00 m
Transport width ⁽¹⁾	2,50	3,00 m	3,00 m	3,00 m	3,50 m	3,50 m	4,00 m	4,00 m	2,95 m	2,95 m	2,95 m	2,95 m	2,95 m	2,95 m	2,95 m
Power	70-140 hp	70-140 hp	70-190 hp	120-260 hp	90-220 hp	120-260 hp	90-220 hp	120-260 hp	120-280 hp	120-280 hp	120-280 hp	120-280 hp	120-360 hp	120-360 hp	120-360 hp
Weight ⁽²⁾	1 150 kg	1 310 kg	1 515 kg	1 580 kg	1 735 kg	1 790 kg	1 875 kg	1 940 kg	2 770 kg	2 980 kg	3 190 kg	3 610 kg	3 710 kg	4 130 kg	4 550

(1) due to the retraction of the side deflectors (markers on the seed drill)

(2) with the Ø 550 mm packer roller (for information) reduce the weight from 200 kg on Serie HRW SLIM

Equipement (● Standard - ○ Optional - □ to be specified when ordering)

Model	2500.14 / 3000.14	3000.19 / 3500.22 / 4000.22	3000.26 / 3500.26 / 4000.26	4000.28 / 4500.28 5000.28 / 6000.28	6000.36 / 7000.36 / 800.36
Linkage Cat. II/III - Oscillating yokes	II	II / III	II / III	III	III
Quick-fit tines ⁽¹⁾	-	●	●	● ⁽¹⁾	●
WALTERSCHEID PTO with torque limiter and automatic set/reset	● ⁽²⁾	●	●	●	●
WALTERSCHEID Powerline PTP (lubrication every 250 hours)	-	-	●	●	●
Power take-off 1000 rpm	●	●	●	●	●
2-speed gearbox	●	●	-	●	●
4-speed gearbox with lever	-	-	●	-	-
Rear power take-off	●	●	●	-	-
Retractable side deflectors	●	●	●	●	●
Ø 500 mm cage roller	□	□	□	□	□
Ø 550 mm packer roller	□	□	□	□	□
Ø 550 mm TRACKER roller	-	□	□	-	-
GRAVITY roller Ø 520 mm	-	□	□	-	-
7-tube kit for cage roller	○	○	○	○	○
Non-Stop Track eradicators	○	○	○	○	○
Carbide-reinforced tines	○	○	○	○	○
Rear levelling board	○	○	○	○	○
Additional stone protection	○	○	○	○	○
Mechanical linkage	○	○	○	-	-
Hydraulic linkage 2 cylinders (SE) 1 700 kg	○	○	○	-	-
Super hydraulic linkage 2 500 kg	-	○	○	○	○
Lateral markers (factory assembled)	○	○	○	○ ⁽¹⁾	○
Link for SULKY drill bar to Ø 550 mm packer roller or 550 mm TRACKER roller	-	○	○	○ ^{(1) (3)}	○ ⁽³⁾
Signalling lights kit	-	-	-	○	○
Additional set of drive pinions:	see table opposite				

⁽¹⁾ Except Serie HRW SLIM

⁽¹⁾ Bondioli on Series .14

⁽¹⁾ Except TRACKER roller

Rotation frequency for rotors

1000 HR.14 / .19/.22 Series - Cat. II/III

rpm Rotor	Standard		Option	
1 000 rpm	1	29	26	32
	2	36	39	33
Series .14 / .19 / .22	341	283	411	437

1000 HR.26 Series - Cat. II/III

rpm Rotor	Standard	
1 000 rpm	1	25
	2	34
Series .26	Speed 1	314
	Speed 2	364
		385
		447

HR.19 Series - Cat. II / III

rpm Rotor	Standard	
540 rpm	1	39
	2	26
Series .19		36
		29
	344	285

Cultiline 3000.19 only

HRW Series - Cat. III

rpm Rotor	Standard		Option	
1 000 rpm	1	29	26	32
	2	36	39	33
Series .28 / .36	341	283	411	437



All our services contribute to your performance.

Today Sulky is a leading manufacturer of seed drills and fertiliser spreaders.

Manufacturer of equipment and supplier of services: our main objective is for our equipment always to provide farmers with greater quality and productivity.

Your personalised order corresponds to your yield requirements... all that remains to be done is to deliver to you as soon as possible, explain how your machine works and provide the spare parts necessary for maintenance. We are ready to do it!

Our dealers are there to explain the advantages of your Sulky to you. Our technicians support them with advice and produce the instruction manuals for your equipment. Customer service is our priority.

At Sulky, we do everything possible to help improve your performance.

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The drilling and fertiliser spreading specialist

