

SHREDDING



PRICE LIST SUIRE n°23

01/2023

LIVESTOCK



MECHANICAL CROP CARE



SUIRE

www.suire-agri.com

ROTKING



- The rotary hoe performs several operations in 1 single pass at high speed (10 to 25 km/h), to take advantage of weather conditions:
 1. Breakage of the crust
 2. Aeration and warming of the soil
 3. Mechanical weeding of crops (corn, sunflower, soybean, rapeseed, wheat ...) by weed eradication at a very young stage (white threads) without damaging the existing crop: young weeds that are lighter than the soil are projected and fall back on the ground to dry out quickly.



- 540 mm diameter rotors composed of 16 star fingers with 20 mm wide spoon-shaped tips work at a depth of 2 cm.



- The rotors are off-setted and arranged in a staggered position to better pass the plant residues and avoid any blockage by the stones. Their spacing of 87 mm guarantees uniform peeling over the entire width.



- Each rotor is mounted on an independent arm made of 26 mm cast steel itself articulated on a 30 mm shaft and damped by a spring that exerts significant pressure; this arrangement allows a rotor to overcome an obstacle without disturbing the neighbouring rotors and to adapt to the unevenness of the ground.

ROTKING

3-part-folding frame on PR 4.80 to 7.50 m models



5-part-folding frame on PR 8.25 to 12.40 m models



ROTKING OPTIONS



- Standard: depth control wheels with manual offset and height adjustment by rack and sprocket. Manual lock actuated from tractor cabin with rope.



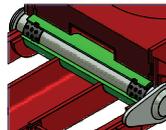
- Optional central depth control wheels with hydraulic offset to suit behind or outside tractor wheels. H-PRO height adjustment by crank, with 0.5 cm precision step.



- Big Ø 550 mm (6.00 x 9) 10 ply depth control wheels, mounted on conical hubs with clamping nut. Optional unit counter-hubodometer (on wheel) with small breaking wheel.



- Optional hydraulic transport lock (standard on 12.40 m).



- Wide Ø 60 swing joints equipped with greasable PELT bushings: 440 mm or 550 mm on 12.40 m.



- The machine is prepared to fit a small seeds drill up to 500 liters capacity.

ROTKAKING P

3,00 to 3,50 m

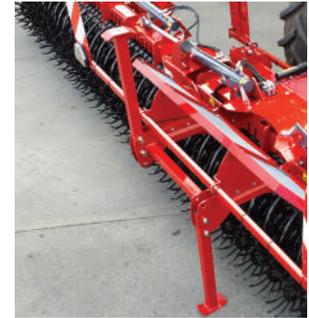
Mechanical weeding of crops, breakage of the crust, aeration of the soil

STANDARD EQUIPMENT

- 3-point-linkage, heavy duty, Cat.2 and 3.
- Frame □ 150x150 mm.
- **Rotors** :
 - arranged in 2 rows, off-setted in a staggered way with 87 mm spacing
 - Ø 540 mm composed of 16 star fingers, mounted on independent arms and 8 mm springs.
- Big Ø 550 mm (6.00 x 9, 10 ply) depth control wheels, mounted on conical bearing hubs with clamping nut.
- Protective anti-projection grid on the central part, replaceable.
- 2 rear rest-stands easy to retract at work.
- Prepared to fit a small seeds drill up to 500 liters capacity.
- LED lights + front and rear signs.

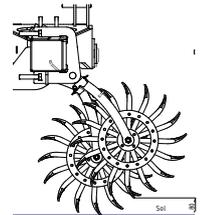
MAIN FEATURES

- Easy wheel positioning (1,50 - 2,30 m) to suit tractor tracks and crop inter-rows.
- Wheel height adjustment facilitated by a rack and an indicator.
- Mechanical weeding of crops (corn, sunflower, soybean, rapeseed, wheat...).
- Breakage of the crust.
- Aeration and warming of the soil.



- Rear rest-stands easy to retract.

MODELS	ROTKAKING P	
	300	350
Working width from rotor to rotor (m)	2.95	3.45
Transport width (m)	3.00	3.50
Depth (m)	1.50	1.50
Number of rotors	34	40
Number of depth control wheels with manual offset (1,50 - 2,30 m)	2 central	2 central
Yield efficiency approx. (ha/h)	5	5
Recommended tractor tracks (m)	with 50 cm crop inter-row	1.50 - 2.00
	with 75 cm crop inter-row	1.50 - 2.00 - 2.25
Min. - max. HP requirement	70 - 80	75 - 100
Weight (kg)	870	980
RETAIL PRICE €	11 970	12 485
Factory fitted OPTIONS (PRICE in €) <i>to precise when ordering</i>		
Price increase for 2 central depth control wheels with hydraulic offset (1,40 - 3,00 m)	2 800	2 800
Unit counter-hubodometer (on wheel) with small breaking wheel	480	480
Rear adjustable tine harrow	1 540	1 815
Arm retraction wedge (per arm)	16	16



- Arm retraction wedge.



- Very wide protective anti-projection grid, with a width of 2.50 m to protect the cab of the tractor.



- Depth control wheels with manual offset and height adjustment by rack and sprocket.



- Depth control wheels with hydraulic offset and height adjustment by crank.

⚠ **SIGNS** is the responsibility of the user, who must ensure compliance with local regulations.

STANDARD EQUIPMENT

- 3-point-linkage, heavy duty, Cat.2 and 3.
- Frame □ 150x150 mm.
- **Rotors** :
 - arranged in 2 rows, off-setted in a staggered way with 87 mm spacing
 - Ø 540 mm composed of 16 star fingers, mounted on independent arms and 8 mm springs.
- Big Ø 550 mm (6.00 x 9, 10 ply) depth control wheels, mounted on conical bearing hubs with clamping nut.
- Hydraulic folding frames:
 - 3 part folding with 2 cylinders (4,80 m to 7,50 m)
 - 5 part folding with 4 cylinders (8,30 m to 12,40 m).
- Lock actuated from the tractor cab to secure the whole transport: manual as standard and optional hydraulic (standard on 12,40 m).
- Protective anti-projection grid on the central part, replaceable.
- 2 rear rest-stands easy to retract at work.
- Prepared to fit a small seeds drill up to 500 liters capacity.
- LED lights + front and rear signs.

MAIN FEATURES

- Easy wheel positioning (1,50 - 2,30 m) to suit tractor tracks and crop inter-rows.
- Wheel height adjustment facilitated by a rack and an indicator.
- Wide Ø 60 mm swing joints equipped with greasable PELT bushings: 440 mm or 550 mm on 12,40 m.
- Mechanical weeding of crops (corn, sunflower, soybean, rapeseed, wheat...).
- Breakage of the crust.
- Aeration and warming of the soil.

MODELS	ROTAKING PR						
	480	630	670	750	830	930	1240
Working width from rotor to rotor (m)	4.68	6.27	6.62	7.48	8.24	9.28	12.38
Transport width (m)	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Overall height folded in (machine on the ground) (m)	2.45	3.20	3.40	3.85	3.45	3.45	3.65
Depth (m)	1.58	1.58	1.58	1.58	1.72	1.72	2.04
Number of rotors	54	72	76	86	94	106	142
Number of depth control wheels with manual offset (1,50 - 2,30 m)	2 central	2 central	2 central	2 central	2 central	2 central	2 central + 2 lateral
Yield efficiency approx. (ha/h)	8	10	11	13	14	16	21
Recommended tractor tracks (m)	with 50 cm crop inter-row						
	with 75 cm crop inter-row						
Hydraulic requirement	1 DA	1 DA	1 DA	1 DA	1 DA	1 DA	3 DA
Min. - max. HP requirement	75 - 100	90 - 110	95 - 120	105 - 130	130 - 150	130 - 150	180 - 220
Weight (kg)	1400	1700	1790	1880	2320	2500	3000
RETAIL PRICE €	21 110	24 228	24 862	26 422	34 420	36 625	53 138
Factory fitted OPTIONS (PRICE in €) to precise when ordering							
Price increase for 4 depth control wheels with manual offset	-	-	-	-	1 964	1 964	std
Price increase for 2 central depth control wheels with hydraulic offset (1,40 - 3,00 m)	2 800	2 800	2 800	2 800	2 800	2 800	-
Price increase for 2 central depth control wheels with hydraulic offset (1,40 - 3,00 m) + 2 side wheels with manual offset	-	-	-	-	4 764	4 764	2 800
Price increase for hydraulic transport lock with an additional D.A. connection	548	548	548	548	548	548	std
Unit counter-hubudometer (on wheel) with small breaking wheel	480	480	480	480	480	480	480
Rear adjustable tine harrow	2 450	3 268	3 450	-	-	-	-
Arm retraction wedge (per arm)	16	16	16	16	16	16	16



• 3 part folding frame: PR 4.80 to 7.50 m models.

• 5 part folding frame: PR 8.30 to 12.40 m models.

ALPHAGYR P

2,80 - 3,30 m

Heavy set aside, crop residues or pasture

**MOUNTED RIGID
MULTI-ROTORS
MODEL**

STANDARD EQUIPMENT

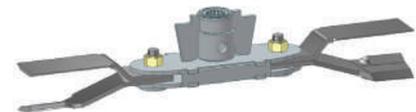
- 180 HP divider box - 1000 rpm,
3 rotor gearboxes: 90 HP.
- 3-point-linkage, heavy duty cat. 2.
- 3-point articulation for floating position and ground following.
- Tractor's PTO shaft with incorporated overrun and security by slip clutch.
- Rubber coupling between divider box and central gearbox.
- Side PTO shafts with security by slip clutch.
- Height adjustable skids by bolts.
- Cutting height adjustable by roller Ø 160 or wheels Ø 430 L.180 (16x7.50-8 8 ply) or wheels Ø 610 L.210 (200/60x14,5 10 ply).
- Front reinforced anti-projection rubber flaps or chain curtain in option.
- Rear anti-projection spoiler.
- Transport packing: Hitch and wheels inverted.

MAIN FEATURES

- Heavy duty pin linkage.
- 2 link bars between third point and rear frame for more stability during transport.
- Gearboxes independence guaranteed by slip clutch.
- Lower suction blades and upper shredding blades.
- Uniform distribution of shredded grass (deflectors avoiding swathes).
- 3 rotors with 4 blades and anti-wrap cutter each, 100 mm overlap.
- High working speed.
- Low maintenance cost.

MODELS	ALPHAGYR P			
	2800		3300	
Assembly	Roller	Wheels 610	Roller	Wheels 610
Working width (m)	2,84	2,84	3,25	3,25
Overall width (m)	2,97	2,97	3,38	3,38
Length (m)	2,68	3,41	2,68	3,41
Cutting height adjustments (mm)	40 - 140	40 - 140	40 - 140	40 - 140
Central and side rotor speeds (rpm)	1930 / 1610	1930 / 1610	1500 / 1610	1500 / 1610
Blade tip speed (m/s)	75 / 95	75 / 95	89 / 95	89 / 95
Min. - max. HP requirement	90 - 110	90 - 110	100 - 130	100 - 130
Weight (kg)	1100	1200	1220	1320
Retail Price in € to precise when ordering				
Complete machine (with roller or wheels)	13 258	14 975	14 583	15 310
Factory fitted OPTIONS (Price in €) to precise when ordering				
Front chain curtain (instead of flaps)	370	370	425	425
Hour counter (induction)	595	595	595	595
Reflective strips	190	190	190	190

↳ SIGNS is the responsibility of the user, who must ensure compliance with local regulations.



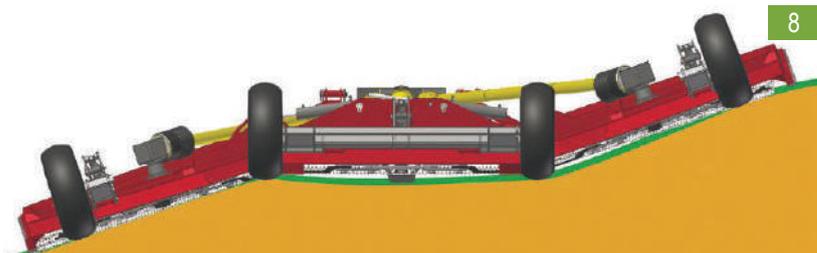
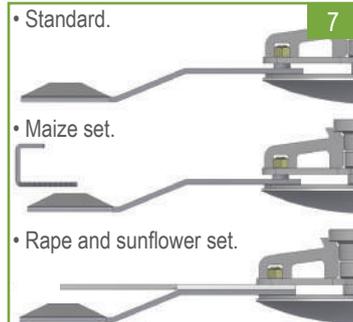
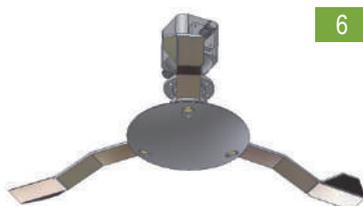
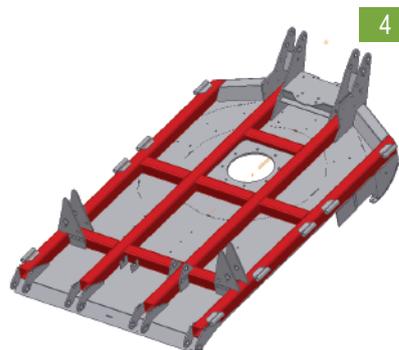
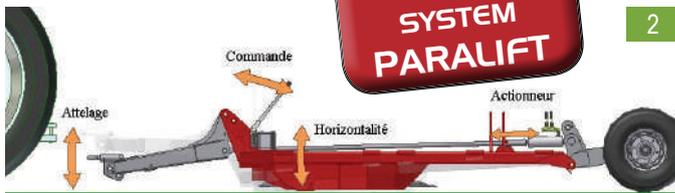
- 4 blade-rotors: lower blades for suction and upper blades for shredding.

TURBOGYR

Your benefits

main features

1	Linkage	<ul style="list-style-type: none"> ➤ Hitch on oscillating bar for a better steering. ➤ Automatic adjustment of tow eye sitting.
2	Paralift	<ul style="list-style-type: none"> ➤ Ease hitching and adjustment of frame horizontality. ➤ Hydraulic cylinder for frame horizontality adjustment PARALIFT (patented system).
3	Easy adjustment	<ul style="list-style-type: none"> ➤ Precise and easy height adjustable thanks to the tipping mechanism of pivoting rings.
4	Frame	<ul style="list-style-type: none"> ➤ Double wall tubular frame, with hydraulic components. ➤ Flat frame very easy to clean.
5	Gearboxes protected by security by slip clutch	<ul style="list-style-type: none"> ➤ Protection and longevity of rotors.
6	Rotors	<ul style="list-style-type: none"> ➤ Fitted with 3 suction blades, anti-wrap cutter and gearbox anti-intrusion device, protection disc below each rotor.
7	Blade assembly	<ul style="list-style-type: none"> ➤ Standard ➤ Maize set ➤ Rape and sunflower set
8	Good following of ground contours	<ul style="list-style-type: none"> ➤ Floating wings with movement at work + 15°.
9	Transport	<ul style="list-style-type: none"> ➤ Transport comfort: hydropneumatic suspension. ➤ Stability and security on road: folding wings towards the center at more than 90° with damping stops and automatic locking.



• Maize set.

TURBOGYR

4,80 - 8,00 m

Heavy set aside, crop residues or pasture

STANDARD EQUIPMENT

- Drawbar for oscillating bar with swivel eye Ø 35 mm.
- Hydraulic adjustment of frame horizontality **PARALIFT (patented system)**.
- Horizontality adjustment gauge.
- **260 HP divider box 1000 rpm, rotor gearboxes: 120 HP.**
- PTO shaft with greasable yokes
 - Tractor's PTO shaft with incorporated overrun and wide angles joint (1" 3/8 6 splines size 8).
 - Secondary gearbox PTO shafts with security by slip clutch (size 6 on TR3 and 8 on TR5).
- Bolted skids with non aggressive design and replaceable skid shoes.
- Anti-projection flap (and/or chains in option).
- Anti-projection rear deflector + chain curtain.
- **Cutting height adjustment by pivoting rings.**
- Wheel hubs provided with greasers.
- Wheels 10,0/75x15,3 - 14 ply (Ø 760 L.275).
- **Hydropneumatic transport suspension.**
- Hydraulic folding with guide valve device, stabilisator stop and safety transport lock.
- **Lighting and warning signs.**
- **Wheel axle suspension or tandem wheel axle according to models.**

MAIN FEATURES

TRAILED FOLDABLE MULTI ROTORS

- Flat deck design and easy to clean (without obstacle).
- Automatic adjustment of tow eye sitting by parallelogram.
- Gearboxes independence guaranteed by slip clutch (on each gearbox).
- **Rotors fitted with 3 suction blades, anti-wrap cutter and gearbox anti-intrusion device, protection disc below each rotor.**
- Automatic level compensation (machine always parallel to the ground).
- Low maintenance costs.
- **Floating wings with movement at work $\pm 15^\circ$.**
- Transport width < 2,55 m.
- Deck protection rings.
- Double wall frame.

PATENTED
SYSTEM
PARALIFT



40 km/h



MODELS	TURBOGYR TR3 PRO		TURBOGYR TR5 PRO	TURBOGYR TR5 PRO	TURBOGYR TR5 PRO		
	4800 6 Wheels	5400 6 Wheels	6400 6 Wheels	6400 8 twin wheels	6400 8 tandem wheels	7200 8 tandem wheels	8000 8 tandem wheels
Working width (m)	4,80	5,40	6,40	6,40	6,40	7,10	7,90
Transport width (m)	2,55 ⁽²⁾	2,55 ⁽²⁾	2,55 ⁽²⁾	2,55 ⁽²⁾	2,55 ⁽³⁾	2,55 ⁽³⁾	2,55 ⁽³⁾
Overall height machine on the ground (m)	1,95	2,25	2,73	2,73	2,73	3,05	3,45
Overall height machine lifted (m)	2,32	2,62	3,10	3,10	3,10	3,42	3,82
Length (m)	5,36	5,53	5,81	5,81	6,12	6,22	6,35
Blade overlapping (mm)	140	140	140	140	140	140	140
Cutting height (mm)	50 - 190	50 - 190	50 - 190	50 - 190	50 - 190	50 - 190	50 - 190
Rotor speed central / laterals (rpm)	1000 / 1000	1000 / 740	1000 / 1430 / 1430	1000 / 1430 / 1430	1000 / 1430 / 1430	1000 / 1000 / 1430	1000 / 1000 / 1000
Blade tip speed central / laterals (m/s)	87 / 87	87 / 76	87 / 97 / 97	87 / 97 / 97	87 / 97 / 97	87 / 87 / 97	87 / 87 / 87
Diameter rotor central / laterals (mm)	1690 / 1690	1690 / 1990	1690 / 1350 / 1350	1690 / 1350 / 1350	1690 / 1350 / 1350	1690 / 1690 / 1350	1690 / 1690 / 1690
Min. - max. HP requirement	100 - 150	120 - 180	160 - 260	160 / 260	160 - 260	180 - 300	180 - 340
Hydraulic requirement	1 DE + 1 SE	1 DE + 1 SE	1 DE + 1 SE	1 DE + 1 SE			
Discs below rotor	3	3	5	5	5	5	5
Weight (kg)	2800	3000	3520	3620	3710	4100	4300
RETAIL PRICE in €	36 318	38 580	45 027	45 880	47 316	52 510	54 533
Factory fitted OPTIONS (Price in €) to precise when ordering							
Rear wheel axle suspension	std	std	std	std	-	-	-
Central and lateral tandem wheel axles (without wheel axle suspension)	-	-	-	-	std	std	std
Extra 8 wheels with axle suspension (only wheels 10,0/75x15,3)	-	832	-	-	-	-	-
Road wheels 215/75R 17,5 - 16 ply (Ø 767 L.211)	1 536	1 536	1 536	2 048	2 048	2 048	2 048
Reinforced wheels 8,15x15 - 14 ply (Ø 720 L.215)	1 410	1 410	1 410	1 880	1 880	1 880	1 880
Front chain curtain instead of flap (extra)	154	167	206	206	206	233	258
Combination of front anti-dust rubber flap and chain curtain (extra)	427	441	567	567	567	629	693
Linear counter (wheels)	512	512	512	512	512	512	512
Maize set	467	467	778	778	778	778	778
Rape and sunflower set (upper blades)	478	478	652	652	652	696	729
High hitch tow eye Ø 40	698	698	698	698	698	698	698
Swivel eye Ø 50 low oscillating bar hitch (for Ø 38 mm pin)	107	107	107	107	107	107	107
High hitch tow eye knee-joint K80	934	934	934	934	934	934	934
PTO shaft 1 3/4 20 splines (instead of 6) size 8	343	343	343	343	343	343	343

⁽²⁾ Transportation in a 2.40 m wide truck.

⁽³⁾ Transportation in a 2.40 m wide truck by inverting wheel axles.

BE CAREFUL: 8 tandem wheels models delivered with axle mounted upside down to save space for transportation (see instructions for use).

- Wheel axle suspension for a comfortable work (6 wheels model and 8 twin wheels model).



- Central and lateral tandem axles on 8 wheels models for a perfect following of the ground in irregular land.



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