

ARASOL AVS - AVR

Supported subsoiler



ARASOL AVS

Supported subsoiler

The subsoiler ARASOL is the perfect tool for deep earth shattering. By doing this, it helps soil restructuring while protecting it against erosion.

Adapted for medium power tractors, it allows semi deep work in order to do subsoiling and soil restructuring.

Strong points

V shape chassis

Clearance under frame 750 mm

Standard control wheels

The tine curving angle avoids subsoil earth uprising

HITCH

Mounted 3 points with clevises category n°2 and 3N.

CHASSIS

V shape steel beam
150 x 100 x 8 mm.

CONTROL WHEELS

260/70-15,3 FL+ adjustable with pushing arms to control working depth and to stabilize the tool.

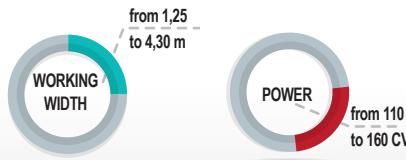
SIGNALLING

As standard.



SHARES

Treated boron steel, resistance 160 kg/mm²



ARASOL AVS	3 tines	5 tines	7 tines
Working width	1,25 to 3,75 m	2,25 to 3,10 m	3,80 to 4,30 m
Transport width	2,80 m	2,80 m	4,20 m
Power	110 to 140 cv	120 to 150 cv	130 to 160 cv
Number of extensions			2 x 0,70 m
Scape between tines	450 to 1 250 mm	450 to 625 mm	540 to 625 mm

Bolt safety with control wheels

Weight	570 kg	770 kg	1 000 kg
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Non-stop safety with control wheels

Weight	730 kg	1 040 kg	1 380 kg
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Roller non compatible with Non-stop

FLAT IRONS 50 Ø500 mm, 10 flats	Working width Weight	2,95 m 350 kg	4,15 m 470 kg
ROLMIX Ø510 mm	Working width Weight	2,95 m 700 kg	4,00 m 900 kg

Options available:

- Wings share
- Carbide share

TINES AND SHARES

	AVS	AVR
Thickness	25 mm	30 mm
Protecting round diameter	Ø25	Ø32
Clearance under frame	750 mm	950 mm



⊕ PROTECTING ROUND

Treated steel welded on the tine.
Wearing part which could be bought
separately.

⊕ WINGS SHARE

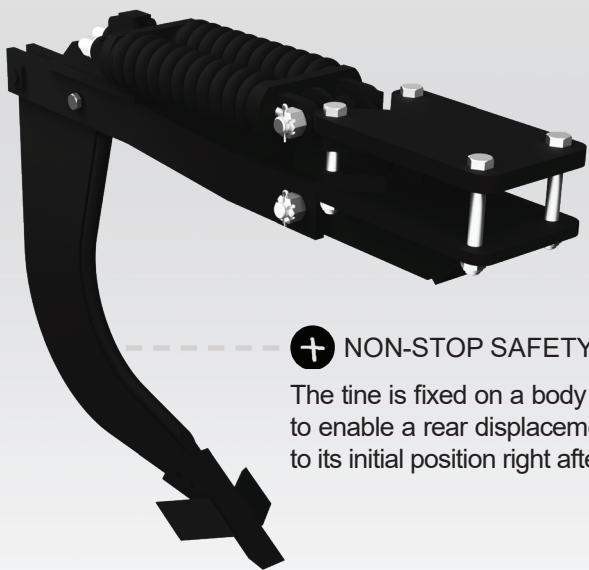
|| Increase the shattering range and improve
homogeneity for semi deep work.
Section 60 x 20 mm + wings 250 mm.



⊕ STRAIGHT SHARE

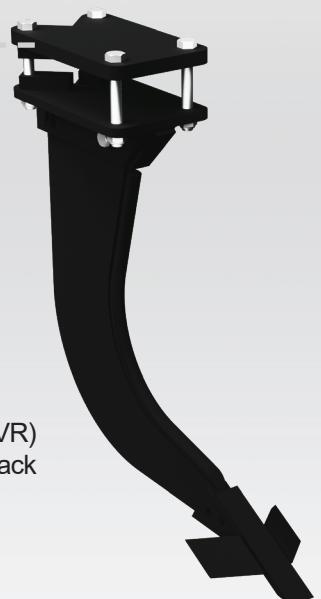
Provides a very good penetration
with its angle of attack of 30°.
Section 60 x 20 mm.

SAFETY



⊕ BOLT SAFETY

The tine fixed on a structure using a
bolt, which shears if it encounters an
obstacle, with breaking initiating and
protection ring.



⊕ NON-STOP SAFETY

The tine is fixed on a body with springs (coaxial on AVS, parallel on AVR)
to enable a rear displacement when meeting an obstacle and going back
to its initial position right after.

ROLLER

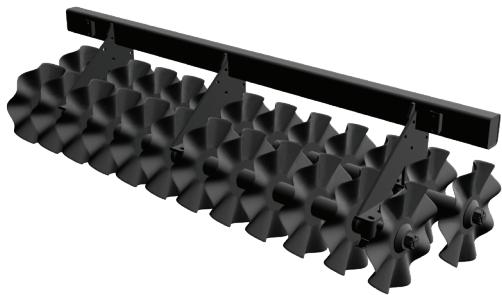


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 FLAT IRONS

Ø500 mm, 10 flats
Flanged ball bearing Ø40 mm

- Dry and hilly land
- Silt and sand
- Agressive flat irons
- Weight: 145 kg/m



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 ROLMIX

Ø510x5 mm, 2 row of cores 8 corrugations, pitch of 117 mm
Square bearing of 40 mm

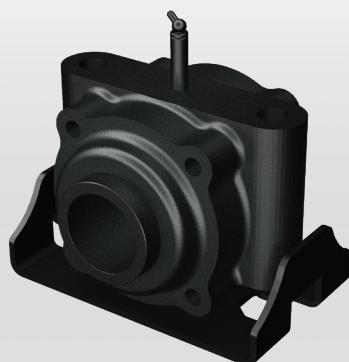
- Stony and dry land
- All conditions
- Perfect mulch
- Weight: 180 kg/m

BEARING

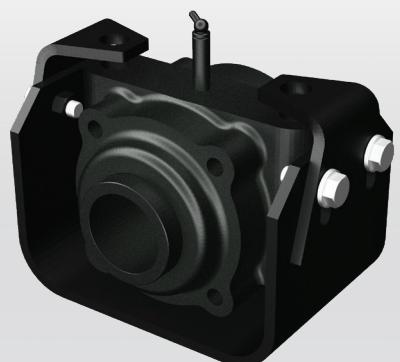
Square bearing 40 mm



Square bearing 40 mm
with protection



Square bearing 40 mm
with reinforced protection



- Cast iron lids and bearing housings
- Steel sheath
- Tapered roller bearings

ARASOL AVR

Supported subsoiler

The subsoiler ARASOL is the perfect tool for deep earth shattering. By doing this, it helps soil restructuring while protecting it against erosion.

Adapted for high power tractors, it allows deep work in order to crack the soil and ease water infiltration for the following plantations growth.

Strong points

V shape chassis

Clearance under frame 950 mm

Standard control wheels

The tine curving angle avoids subsoil earth uprising

HITCH

Mounted 3 points with clevises category n°3.

CHASSIS

V shape steel beam
200 x 100 x 10 mm.

SIGNALLING

As standard.

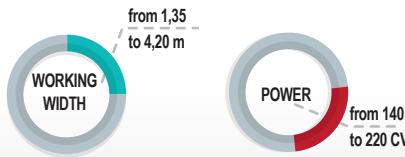
CONTROL WHEELS

260/70-15,3 FL+ adjustable with pushing arms to control working depth and to stabilize the tool.



SHARES

Treated boron steel, resistance 160 kg/mm²



ARASOL AVR	3 tines	5 tines	7 tines
Working width	1,35 to 3,00 m	2,50 to 3,00 m	3,50 to 4,20 m
Transport width	2,75 m	2,75 m	3,95 m
Power	140 to 180 cv	160 to 200 cv	180 to 220 cv
Number of extensions			2 x 0,60 m
Space between tines	500 to 1 250 mm	500 to 600 mm	500 to 600 mm

Bolt safety with control wheels

Weight	1 030 kg	1 300 kg	1 600 kg
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Non-stop safety with control wheels

Weight	1 570 kg	2 200 kg	
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Roller non compatible with Non-stop

FLAT IRONS 50	Working width	2,95 m	4,15 m
Ø500 mm, 10 flats	Weight	350 kg	470 kg
ROLMIX	Working width	2,95 m	4,00 m
Ø510 mm	Weight	700 kg	900 kg

Options available:

- Wings share
- Carbide share



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 RGH self-supporting X combining sprayer
- ZÉNITH RZH self-supporting X combining sprayer
- ZÉNITH RJH self-supporting X combining sprayer
- PHÉNIX TGX self-supporting X sprayer
- PHÉNIX TBX 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

- ROLLPACK self-supporting cast iron roller
- 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 AVLE supported subsoiler
- 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