KILIS - KILIS R

Combined cultivator with flexible tines

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The KILIS is the ultimate versatile devices.

It can be used for all kind of ploughing, seedbed preparation, soil fertilization, and even stubble cultivation.

From surface to semi deep work, the multiple assets of the Kilis makes it essential for agricultural exploitation.

- 4 rows of tines
- Pitch of 155 mm between tines
- Multiple features
- Simple and robust design

+ SECURITY
Standard lighting and signalling LED.

+ HITCH
with clevises category 2 and 3N to adapt to all type of tractors.

+ PANELS
4 steel beams 80x80x8 for a better grip of the tines and a better structure.

+ STRUCTURE
Double steel beam 100x100x8 designed for extreme use and conditions.

+ TRANSPORT SECURITY
The lock system is automatic thanks to a hydraulic cylinder coupled with the folding cylinders.

+ TRANSPORT AND STORAGE
The transport width of 2,5 m makes it easy to go on the roads. It can be stored in folding mode for a better space use under the shed.
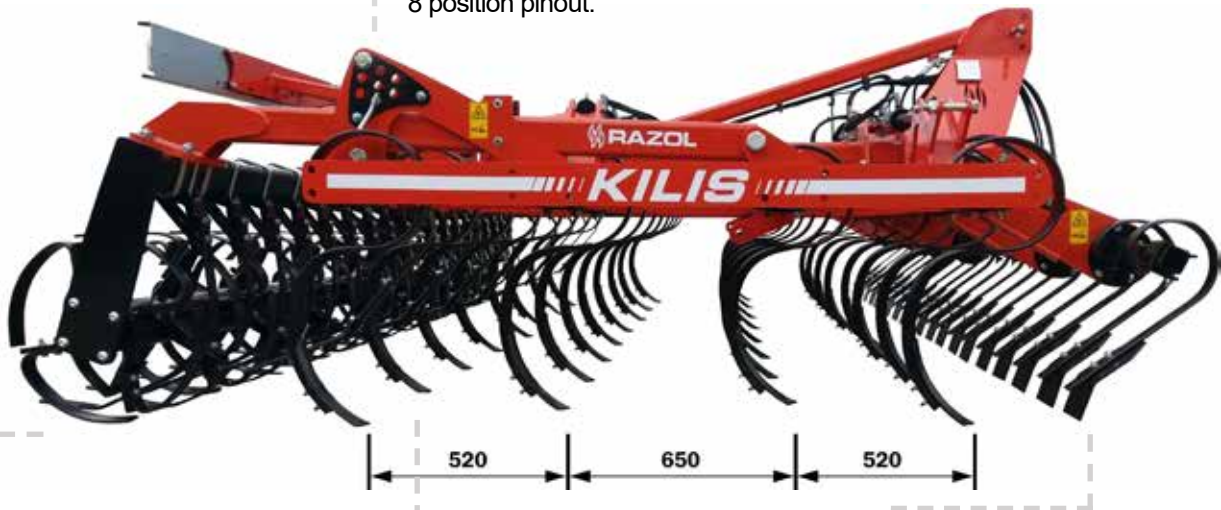
FEATURES

Roller set
The working depth control of the Kilis is run by the roller. It offers an easy and efficient use thanks to an 8 position pinout.

520   650   520

REAR FEATURES (OPTION)
The device can be used with different types of rollers or harrows according to the preference of use and the wanted result.

4 ROWS OF FLEXIBLE TINES
Scattered following a designed scheme for a better mixing and an optimum soil loosening.

FRONT FEATURES (OPTION)
Equiped with a long chassis, the Kilis can receive a levelling harrow designed for levelling after ploughing. With its flat share or crusher, it breaks the clods before the passage of the tines.

TINES

The Kilis tines of 70x12 mm have a very high vibrating capability and are designed for heavy, sticky and stony lands. Thanks to a clearance of 585 mm and a bigger spiral curve, these tines allow better results than normal ones.

HIGH PERFORMANCE FLANGE
With an inside lock against lateral displacement due to high stress caused by the tine flexibility. The more the tine is constrained, the more it will stay still.

SHARES
The tines can either receive reversible shares of 300x55x7 mm designed for semi deep work and ploughing, or duckfoot shares of 200x6 mm for superficial work.
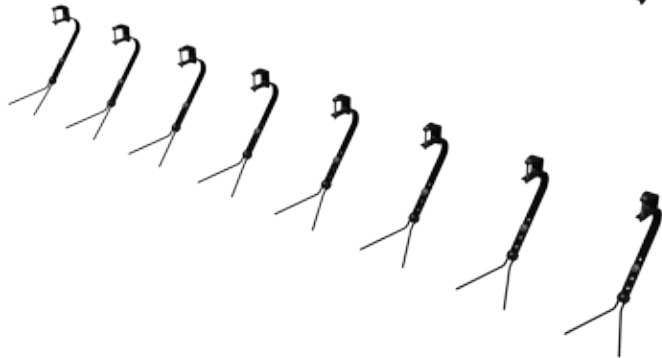
HARROWS AND WHEELS

LEVELLING HARROW KILIS

The 45x10 mm blades, featured with flat shares or crushers, level perfectly behind the ploughing while crushing the clods before the passage of the tines.

Thanks to a continous hydraulic control, it can be used for any depth of work.

LEVELLING WIRES

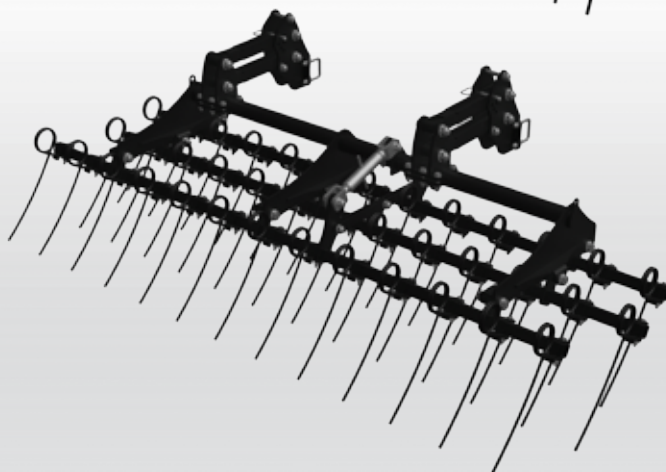The wires Ø13 mm brings a perfect soil levelling after ploughing and seedbed preparation.

(forbidden in case of litter showing)

SIMPLE ROW FOLLOWING HARROW

Equipped with wires Ø13 mm, it can be used alone in the rear of the structure or behind the square bars roller.

It is the best feature in case of organic farming.

TRIPLE ROWS FOLLOWING HARROW

Equipped with wires fils Ø13 mm, the triple rows following harrow can be adjusted in depth thanks to a parallelogram system.

More than just levelling, a push arm is used to control aggressiveness in order to ecologically destroy weeds by bringing them out of the soil.
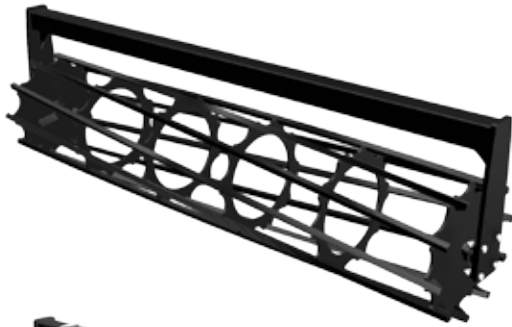
DEPTH CONTROL WHEEL

The tensile type control wheels 6.5/80-12 are used to strengthen the roller impact and to ensure stability in light earth.

These wheels (1 or 2 pairs) are mandatory for optimum work when there's no roller attached to the Kilis.
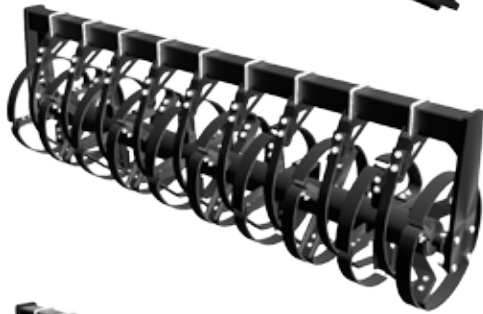
ROLLERS

✚ SQUARE BARS

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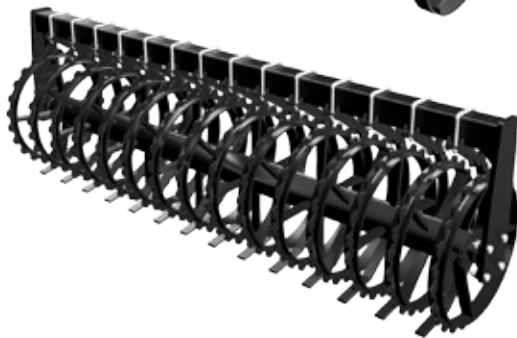Flanged ball bearing Ø50 mm

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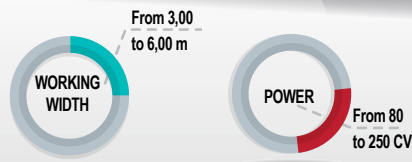- Can even be used on sticky lands and wetlands
- Weight : 170 kg/m

✚ 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

CHARACTERISTICS

WORKING WIDTH — From 3,00 to 6,00 m

POWER — From 80 to 250 CV

KILIS	KILIS 300	KILIS 350	KILIS R 500	KILIS R 600	KILIS R 750
Type	Fixed	Fixed	Foldable	Foldable	Foldable
Working width	3,00 m	3,50 m	5,00 m	6,00 m	7,50 m
Transport width	3,00 m	3,50 m	2,48 m	2,48 m	2,48 m
Power	80 to 110 cv	100 to 140 cv	140 to 180 cv	160 to 200 cv	200 to 250 cv
Number of tines	19	23	32	38	48
Weight	715 kg	830 kg	1 380 kg	1 600 kg	1 900 kg

Share type

		KILIS 300	KILIS 350	KILIS R 500	KILIS R 600	KILIS R 750
Reversible 300 x 55 x 7 mm	Weight	20 kg	25 kg	35 kg	42 kg	50 kg
Duckfoot 200 x 6 mm	Weight	20 kg	25 kg	35 kg	42 kg	50 kg

Rollers

		KILIS 300	KILIS 350	KILIS R 500	KILIS R 600	KILIS R 750
SQUARE BARS Ø500 mm	Weight	395 kg	440 kg	760 kg	870 kg	
TPACK Ø620 mm	Weight	595 kg	680 kg	1 010 kg	1 180 kg	
POLYFLEX Ø570 mm	Weight	500 kg	580 kg	950 kg	1 105 kg	

Rear levelling arrows and wires

		KILIS 300	KILIS 350	KILIS R 500	KILIS R 600	KILIS R 750
Levelling wires	Weight	40 kg	45 kg	55 kg	60 kg	80 kg
Following harrow 1 row Ø13 mm	Weight	130 kg	155 kg	210 kg	250 kg	310 kg
Following harrow 3 rows Ø13 mm	Weight	280 kg	330 kg	520 kg	560 kg	740 kg

Front levelling arrow

		KILIS 300	KILIS 350	KILIS R 500	KILIS R 600	KILIS R 750
Front levelling harrow HNK	Number of tines	12	14	20	24	
	Weight	150 kg	175 kg	300 kg	350 kg	

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