

BLI - BMI - BSI

Folding and fixed mounted cultivator

Société Nouvelle
RAZOL



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The cultivator RAZOL allows cultivating by working on the surface layers of soil. It gives a rapid and economic weeding. By breaking the soil crusting formed under the effect of rain, this cultivator improves water penetration and reduces slaking. When the soil is dry and cracked, cultivating will allow the plants to breathe.

The cultivator has been designed for rows cultivating (maize, sunflower, sugar beet, rapeseed etc.)

Strong points

Economic and maintenance free

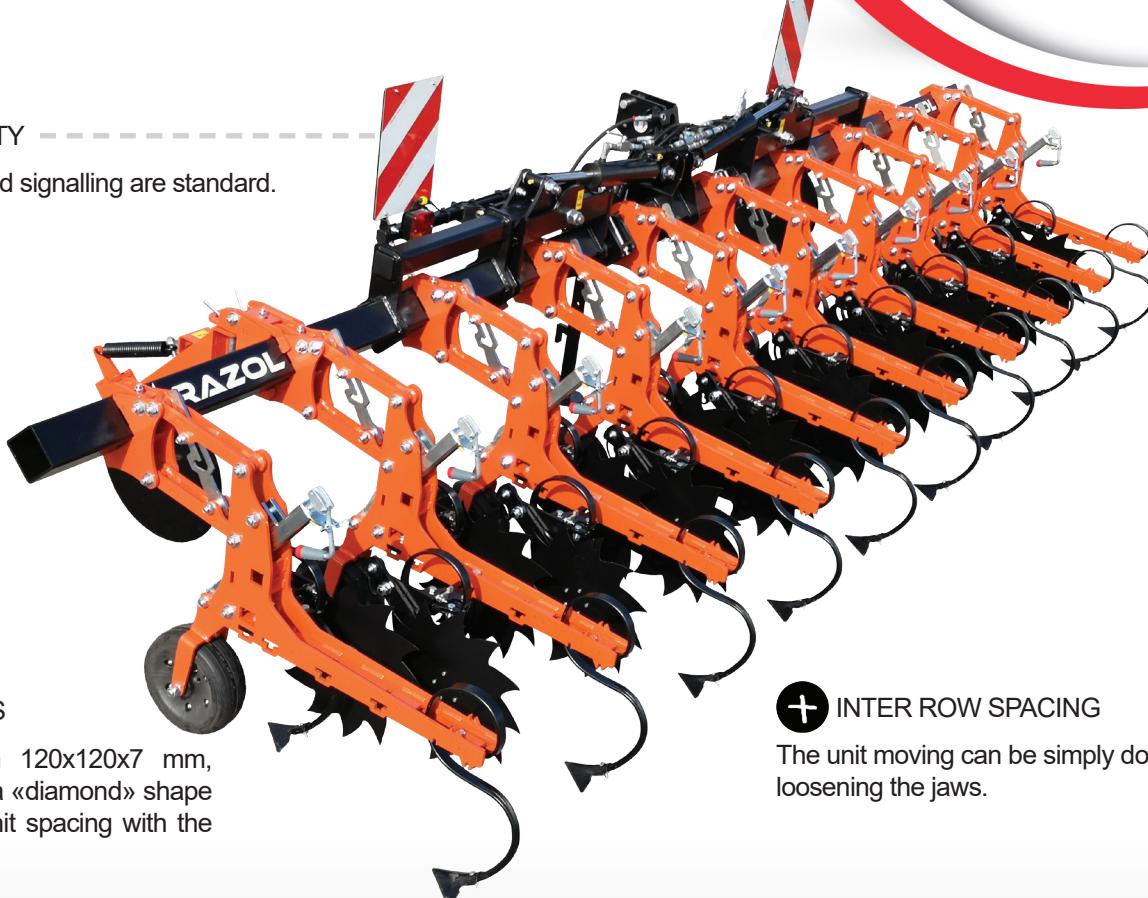
Strength and efficiency

Versatility

Multiple options

+ SECURITY

The lighting and signalling are standard.



+ CHASSIS

Tubular beam 120x120x7 mm, positioned as a «diamond» shape to ease the unit spacing with the ruler.



+ TRANSPORT

The transport width for the folding version is 3 m, secured with valves located on each hydraulic cylinder.

+ HITCH

Mounted 3 points CTA no. 2, adjustable with any tractor.



+ DISC COULTERS (OPTION)

Mounted on dampers, hubs with sealed ball bearings, retractable for transport.

UNIT

+ UNIT RETRACTABLE

A grip form piece allows to manually lock the unit in upper position.

+ FIXING

Every unit is fixed using a double «Razol» made system to change the spacing.

+ SOIL WHEEL FARMFLEX (300x100)

Made with extremely reliable and self-cleaning rubber, even in difficult conditions.

+ PLANT PROTECTION DISCS (OPTION)

Crenellated mounted on maintenance free hubs RAZOL, they protect plants against earth or weeds projections.

When not needed, they can be locked in upper position.

+ KRESS FINGER WEEDERS (OPTION)

Mounted on every unit, it allows some inter row work and an independant soil tracking system.



+ FOLLOWING HARROW (OPTION)

Adjustable in depth and orientation for a better soil leveling and to prevent weeds transplanting.

+ PARALLELOGRAM SYSTEM

Allows soil leveling monitoring with tines always working at the same depth. Mounted with maintenance free spacer rings, it brings accuracy and sustainability.

+ DEPTH CONTROL

More accurate thanks to a handle and a ruler.

+ FLEXIBLE TINES (300% RAZOL)

3 possible configurations :

FLEXIBLE TINES 32x10 WITH DUCKFOOT 150 mm

Allow the loosening of the surface for a full protection against water evaporation.



FLEXIBLE TINES 32x12 WITH SHOVEL 160 mm

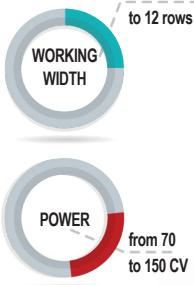
Allow full efficient scalping and weeds removing with its flat share .



FLEXIBLE TINES 32x12 WITH LELIEVRE BLADES

For a 100% sugar beet use.

CULTIVATOR UNIT SELECTION



- CHASSIS steel beam 120 x 120 x 7 mm
- HITCH mounted 3 points CTA no. 2
- CLEARANCE under the beam at work 600 mm

- FOLDING by 2 DA hydraulic cylinders
- TRANSPORT SECURITY
- STANDARD LIGHTING AND SIGNALLING

Folding mounted cultivator	BLIR		BMIR			BSIR		
Number of rows	6 rows	8 rows	7 rows	8 rows	9 rows	7 rows	8 rows	12 rows
Inter row spacing (en mm)	700 - 800	700 - 800	500 - 600	500 - 600	500 - 600	500	450 - 500	450 - 500
Number of unit	7	9	8	9	10	8	9	13
Number of tines per unit	5	5	3	3	3	3	3	3
Working width	5,00 m	6,60 m	5,00 m	5,00 m	6,00 m	4,20 m	4,20 m	6,60 m
Transport width	3,00 m	3,00 m	3,00 m	3,00 m				
Power	110 cv	120 cv	100 cv	110 cv	130 cv	100 cv	110 cv	140 cv
Weight*	907 kg	1 117 kg	915 kg	990 kg	1 087 kg	895 kg	970 kg	1 327 kg

Fixed mounted cultivator	BLIF		BMIF			BSIF		
Number of rows	4 rows	6 rows	5 rows	7 rows	9 rows	6 rows	8 rows	12 rows
Inter row spacing (en mm)	700 - 800	700 - 800	500 - 600	500 - 600	500 - 600	500	450 - 500	450 - 500
Number of unit	5	7	6	8	10	7	9	13
Number of tines per unit	5	5	3	3	3	3	3	3
Working width	3,50 m	5,00 m	3,50 m	5,00 m	6,00 m	4,20 m	4,20 m	6,60 m
Power	90 cv	110 cv	90 cv	100 cv	130 cv	100 cv	110 cv	140 cv
Weight*	548 kg	757 kg	578 kg	765 kg	937 kg	670 kg	820 kg	1 177 kg

Type of flexible tines only 1 possible option			Front option only 1 possible option		Back option only 1 possible option	
32x10 with duckfoot T150	32x12 with Shovel SC160	32x12 with Lelièvre blades and Shovel	Retractable plant protect discs	Front Kress fingerweeders Ø290mm	Back Kress fingerweeders Ø290mm	Following arrows (Ø6mm)

Please contact us for any specific configuration.

Exemples of cultivators already made :

Double folding cultivator for maize seed

Zucchini cultivator

Tomatoes cultivator

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*Weight given as exemple for a cultivator with **flexible tines 32x10 with duckfoot T150 and retractable plant protect discs**.



Devices with INDEPENDENT DISCS

- SKYRON fixed independent disc harrow
- SKYRON folding independent disc harrow
- SKYRON self-supporting independent disc harrow



Devices with DISCS X

- ORBIS self-supporting X combining sprayer
- ZÉNITH RXH 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
- PHÉNIXTGX self-supporting X sprayer
- PHÉNIXTBX 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

- 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 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

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