

# BLI - BMI - BSI

Folding and fixed mounted cultivator



[www.razol.fr](http://www.razol.fr)



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Strong points

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.)

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.

## + INTER ROW SPACING

The unit moving can be simply done by loosening the jaws.

## + HITCH

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



## + TRANSPORT

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



## + 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.

## + 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.

## + FIXING

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

## + DEPTH CONTROL

More accurate thanks to a handle and a ruler.

## + SOIL WHEEL FARMFLEX (300x100)

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

## + 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.

## + 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.

FLEXIBLE TINES 32x12  
WITH SHOVEL 160 mm

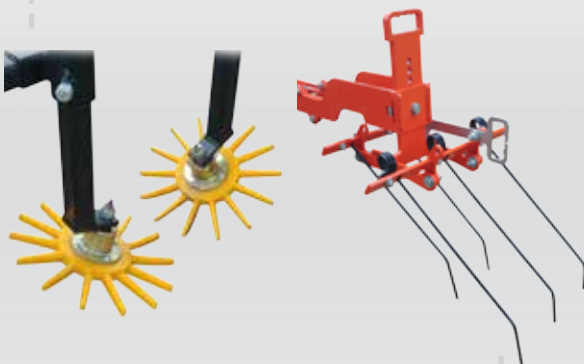
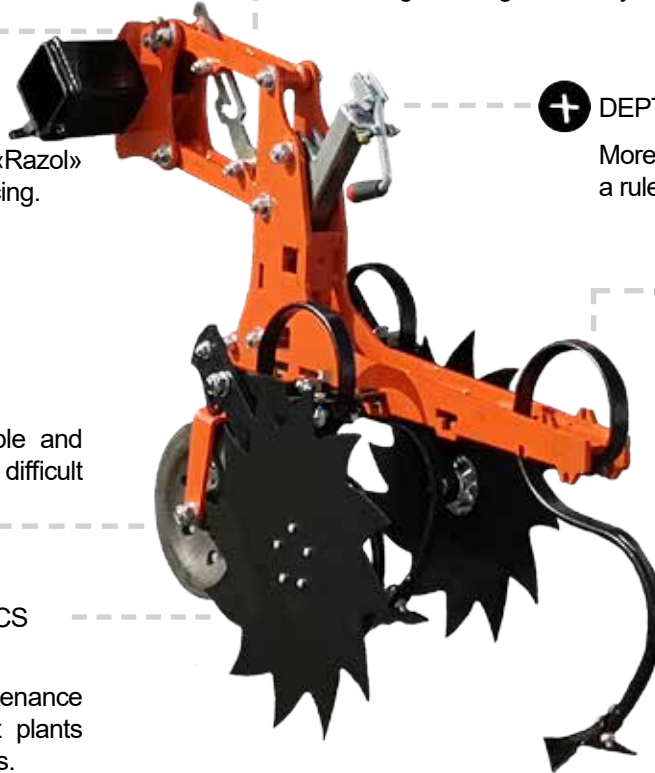
Allow full efficient scalping and weeds removing with its flat share .

## + FOLLOWING HARROW (OPTION)

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

FLEXIBLE TINES 32x12  
WITH LELIEVRE BLADES

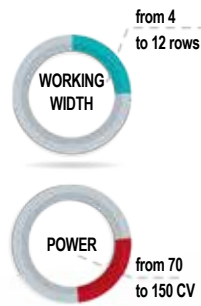
For a 100% sugar beet use.



# CULTIVATOR UNIT SELECTION

		Ø			Plant protection discs			Kress finger weeder	
		0			3			6	
		Ø	Kress finger weeder	Following harrow	Ø	Kress finger weeder	Following harrow	Ø	Following harrow
		0	1	2	0	1	2	0	2
Duckfoot	> 600								
	10	10	11	12	13	14	15	16	18
Shovel	≤ 600								
	10	20	21	22	23	24	25	26	28
Shovel	> 600								
	30	30	31	32	33	34	35	36	38
Lelièvre blades	≤ 600								
	10	40	41	42	43	44	45	46	48
Lelièvre blades	> 600				<b>A. Type of tines</b> <input type="checkbox"/> Duckfoot [10] <input type="checkbox"/> Shovel [30] <input type="checkbox"/> Lelièvre [50]				
	0	50	51	52	<b>B. Inter row spacing</b> <input type="checkbox"/> > 600 [0] <input type="checkbox"/> ≤ 600 [10]				
Lelièvre blades	≤ 600				<b>C. Front option</b> <input type="checkbox"/> Ø [0] <input type="checkbox"/> Plant protection disc [3] <input type="checkbox"/> Kress finger weeder [6]				
	10	60	61	62	<b>D. Back option</b> <input type="checkbox"/> Ø [0] <input type="checkbox"/> Kress finger weeder [1] <input type="checkbox"/> Following harrow [2]				
					<b>Selection of the unit number</b>				
					To select the unit number, please sum the points related to the choices for A, B, C and D				





- 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

Standard equipments

Machine delivered assembled

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	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 fingerweeder Ø290mm	Back Kress fingerweeder Ø290mm	Following arrows (Ø6mm)

Please contact us for any specific configuration.

Examples of cultivators already made :

Double folding cultivator for maize seed

Zucchini cultivator

Tomatoes cultivator

...

\*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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