

# CIH - CJH / CLH - CVH

(heavy) self-supporting V Cover Crop

Société Nouvelle  
**RAZOL**

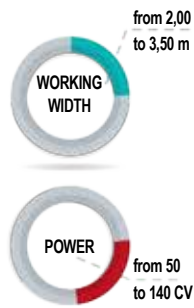


[www.razol.fr](http://www.razol.fr)

# CIH - CJH

Self-supporting V Cover Crop

Strong points



## Standard equipments

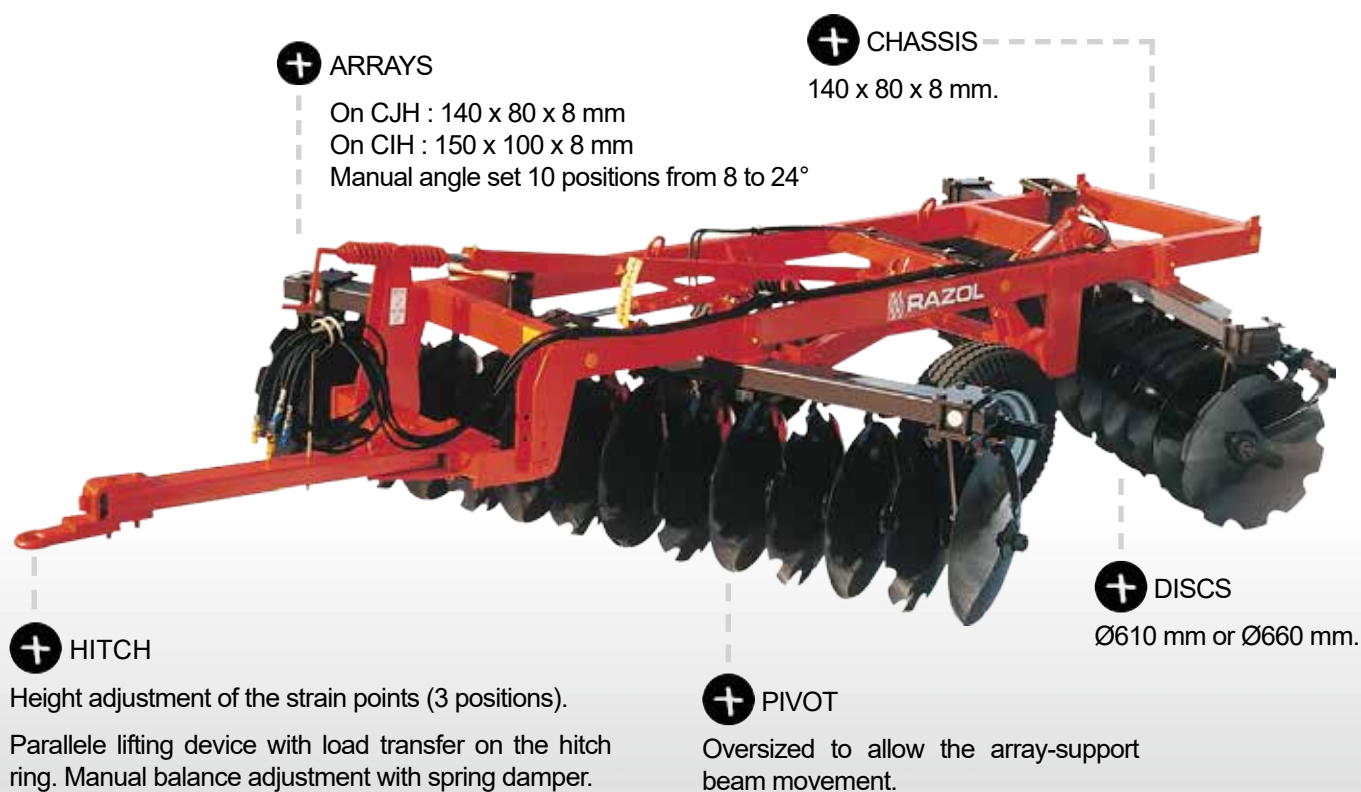
- CHASSIS steel beam 140 x 80 x 8 mm
- HITCH with fixed ring, height adjustment 3 positions
- BALANCE ADJUSTMENT with damper and parallel lifting device
- CJH ARRAYS 140 x 80 x 8 mm / CIH ARRAYS 150 x 100 x 8 mm
- MANUAL ANGLE SET 10 positions from 8° to 24°
- Manganese-silica SHAFT 40 mm, bearings with double row of tapered rollers, lubrication every 100 hours
- TRUCK 1 DA cylinder with hydraulic slider for depth control (transport safety)
- TRANSPORT WIDTH : working width + 25 cm
- WITHOUT BRAKING, standard secondary attachment chain
- SIGNALLING standard
- WHEELS CJH 10.0/80-12 / CIH 260/70-15,3 FL+
- SQUARE AXLE CJH 50 mm, 5 axes / CIH 60 mm, 6 axes

Fixed ring or rotating ring

Manual adjustment of the angle of the discs (optional hydraulic)

Hydraulic connection : 1 DA outlet

CIH and CJH have been specifically designed for medium power tractors in order to do ploughing, stubble cultivation, soil preparation before sowing and orchard maintenance.



CJH 230 mm/610-5 mm	18 discs	20 discs	22 discs	24 discs			
Working width	2,00 m	2,20 m	2,45 m	2,65 m			
Power	50 to 70 cv	60 to 80 cv	70 to 90 cv	80 to 110 cv			
Number of bearings	4	4	6	6			
Weight	1 660 kg	1 720 kg	1 840 kg	1 900 kg			

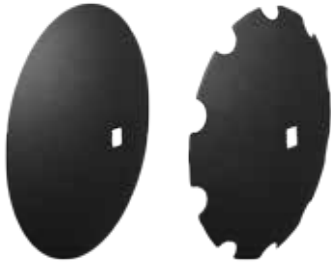
CJH 230 mm/660-6 mm	18 discs	20 discs	22 discs	24 discs			
Working width	2,00 m	2,20 m	2,45 m	2,65 m			
Power	50 to 70 cv	60 to 80 cv	70 to 90 cv	80 to 110 cv			
Number of bearings	4	4	6	6			
Weight	1 765 kg	1 835 kg	1 965 kg	2 035 kg			

CIH 230 mm/660-6 mm	20 discs	22 discs	24 discs	26 discs	28 discs	32 discs
Working width	2,20 m	2,45 m	2,65 m	2,90 m	3,10 m	3,50 m
Power	60 to 80 cv	70 to 90 cv	80 to 110 cv	90 to 120 cv	100 to 130 cv	110 to 140 cv
Number of bearings	6	6	6	8	8	8
Weight	1 965 kg	2 035 kg	2 105 kg	2 265 kg	2 335 kg	2 520 kg

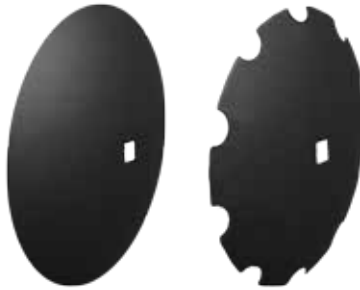
# DISCS

**Discs Ø610**



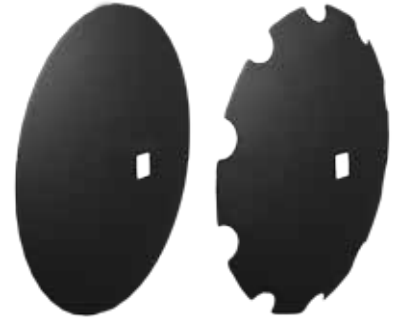
- Mounted on square shaft 40 mm
- Spacing between discs 230 mm
- Thickness available: 5 and 6 mm

**Discs Ø660**



- Mounted on square shaft 40 mm
- Spacing between discs 230 mm
- Thickness available: 6, 7 and 8 mm

**Discs Ø710**



- Mounted on square shaft 40 mm
- Spacing between discs 260 mm
- Thickness available: 7 and 8 mm

# BEARINGS

**Square bearing 40 mm**



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

**Square bearing 40 mm  
with standard protection**



**Square bearing 40 mm  
with reinforced protection**





# ACCESSORIES



## + PLOUGHING DISC

To avoid any trace of the last disc after the roller passage and to get most perfect surface.

## + DEFLECTOR DISC

Fixed inside the first disc to avoid excessive earth projection outside the tool working width.

## + LATERAL DEFLECTOR

All directions adjustable, it prevents earth projection of the front array from getting out of the rear array working width.

## + BALANCE HYDRAULIC ADJUSTMENT

Useful for continuous adjustment while working on very rough ground.

# ARRAYS ANGLE ADJUSTMENT

## + MANUAL ADJUSTMENT

And manual lock safely reachable from the outside of the tool. An even more efficient locking system can be used as a option.



## + HYDRAULIC ADJUSTMENT (OPTIONAL)

A cylinder allows synchronized adjustment of the 2 discs arrays' opening angle.

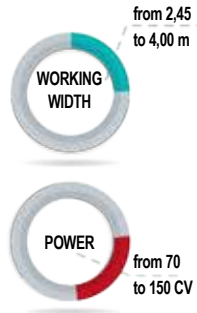
The array adjustment arm allows you to change the rear array's opening angle depending on the front array's angle.

A ruler indicates the angle of the 2 arrays.

# CLH - CVH

Heavy self-supporting V Cover Crop

Strong points



## Standard equipments



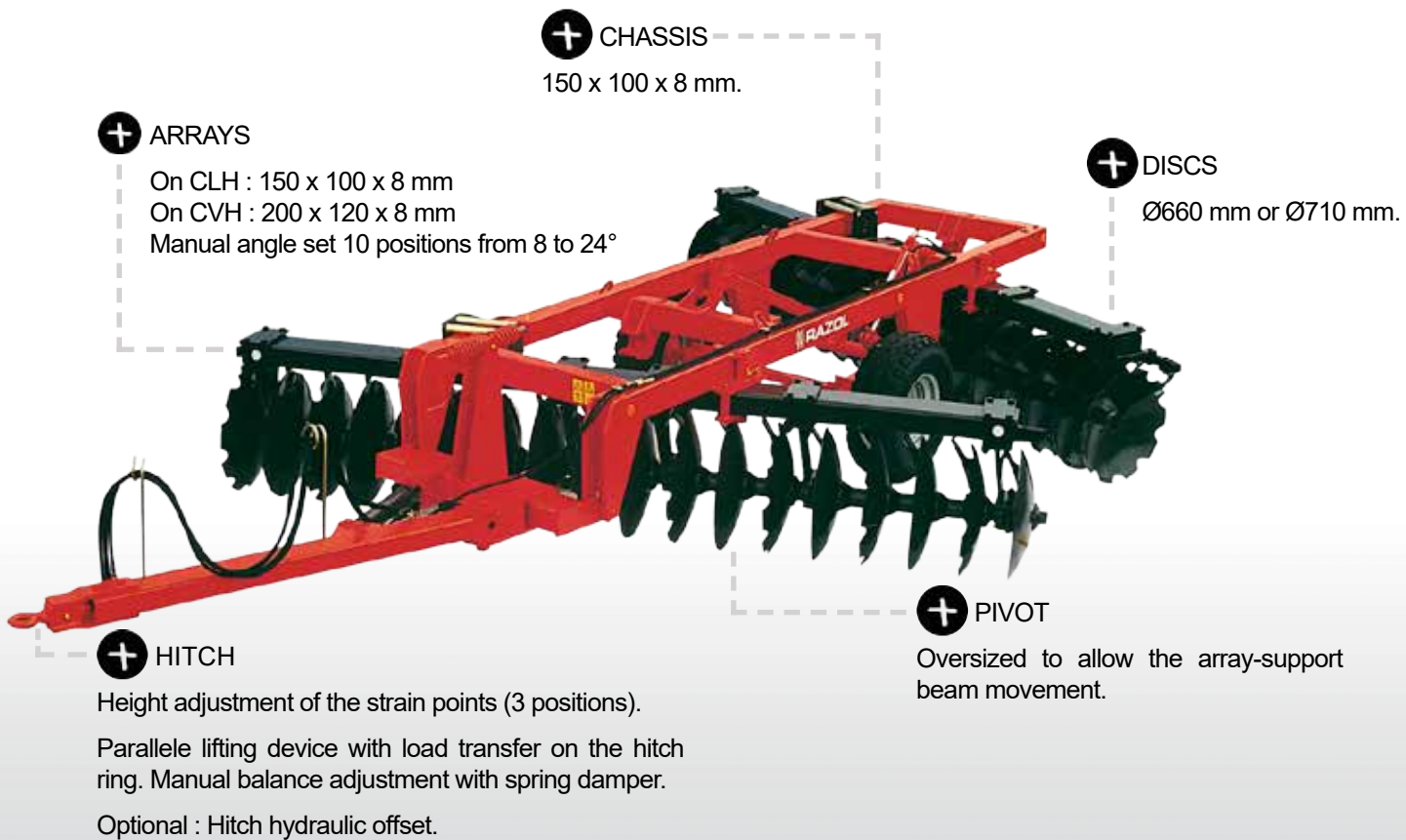
- CHASSIS steel beam 150 x 100 x 8 mm
- HITCH with fixed ring, height adjustment 3 positions
- BALANCE ADJUSTMENT with damper and parallel lifting device
- CLH ARRAYS 150 x 100 x 8 mm / CVH ARRAYS 200 x 120 x 8 mm
- MANUAL ANGLE SET 10 positions from 8° to 24°
- Manganese-silica SHAFT 40 mm, bearings with double row of tapered rollers, lubrication every 100 hours
- TRUCK 1 DA cylinder with hydraulic slider for depth control (transport safety)
- TRANSPORT WIDTH : working width + 25 cm
- WITHOUT BRAKING, standard secondary attachment chain
- WHEELS 300/80-15,3 FL+
- SQUARE AXLE 60 mm, 6 axes
- LIGHTING and SIGNALLING standard

Fixed ring or rotating ring

Manual adjustment of the angle of the discs (optional hydraulic)

Hydraulic connection : 1 DA outlet

CLH and CVH have been designed for medium and large scale exploitation. With a more robust design, these tools are perfect for heavy stubble cultivating or for crop residue burying.



CLH 230 mm/660-6 mm	22 discs	24 discs	26 discs	28 discs	32 discs	36 discs
Working width	2,45 m	2,65 m	2,90 m	3,10 m	3,55 m	4,00 m
Power	70 to 90 cv	80 to 110 cv	90 to 120 cv	100 to 130 cv	110 to 140 cv	120 to 150 cv
Number of bearings	6	6	6	8	8	8
Weight	2 420 kg	2 500 kg	2 580 kg	2 740 kg	2 900 kg	3 060 kg
CVH 230 mm/660-6 mm	22 discs	24 discs	26 discs	28 discs	32 discs	36 discs
Working width	2,45 m	2,65 m	2,90 m	3,10 m	3,55 m	4,00 m
Power	70 to 90 cv	80 to 110 cv	90 to 120 cv	100 to 130 cv	110 to 140 cv	120 to 150 cv
Number of bearings	6	8	8	8	8	8
Weight	2 515 kg	2 675 kg	2 755 kg	2 835 kg	2 995 kg	3 155 kg
CVH 260 mm/660-6 mm	22 discs	24 discs	26 discs	28 discs	32 discs	
Working width	2,70 m	2,95 m	3,20 m	3,50 m	4,00 m	
Power	80 to 110 cv	90 to 120 cv	100 to 130 cv	110 to 140 cv	120 to 150 cv	
Number of bearings	6	8	8	8	8	
Weight	2 590 kg	2 755 kg	2 840 kg	2 930 kg	3 100 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  
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**

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