

# CIH - CJH / CLH - CVH

(heavy) self-supporting V Cover Crop

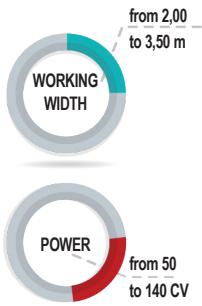
Société Nouvelle  
**RAZOL** //



# 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

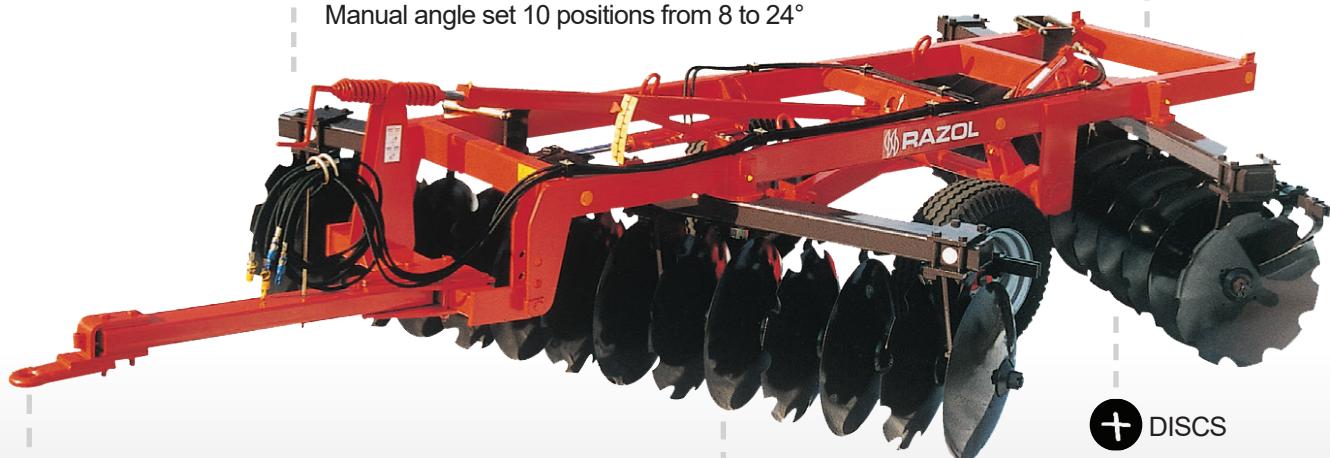
CIH and CJH have been specifically designed for medium power tractors in order to do ploughing, stubble cultivation, soil preparation before sowing and orchard maintenance.

### + ARRAYS

- On CJH : 140 x 80 x 8 mm
- On CIH : 150 x 100 x 8 mm
- Manual angle set 10 positions from 8 to 24°

### + CHASSIS

140 x 80 x 8 mm.



### + DISCS

Ø610 mm or Ø660 mm.

### + HITCH

Height adjustment of the strain points (3 positions).

Parallel lifting device with load transfer on the hitch ring. Manual balance adjustment with spring damper.

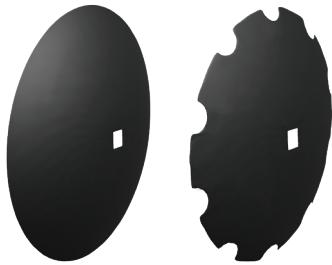
### + PIVOT

Oversized to allow the array-support beam movement.

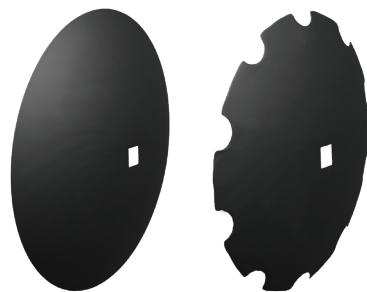
CIH 230 mm/610-5 mm	18 discs	20 discs	22 discs	24 discs			
Working width	2,00 m	2,20 m	2,45 m	2,65 m			
Power	50 to 70 cv	60 to 80 cv	70 to 90 cv	80 to 110 cv			
Number of bearings	4	4	6	6			
Weight	1 660 kg	1 720 kg	1 840 kg	1 900 kg			
CIH 230 mm/660-6 mm	18 discs	20 discs	22 discs	24 discs			
Working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

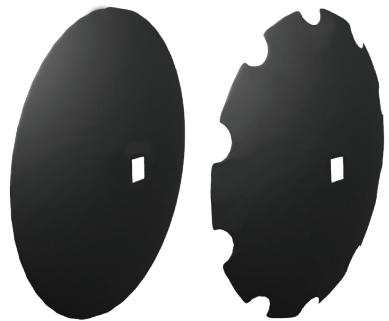
Discs Ø610



Discs Ø660



Discs Ø710



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

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

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

# BEARINGS

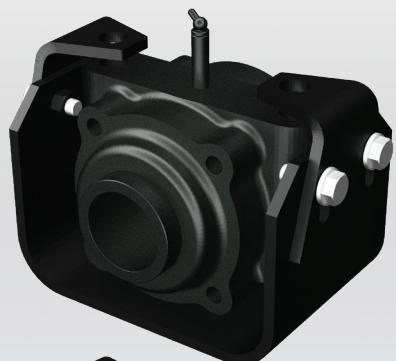
Square bearing 40 mm



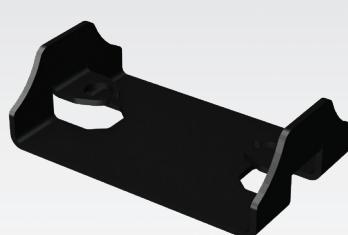
Square bearing 40 mm  
with standard protection



Square bearing 40 mm  
with reinforced protection



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



# 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 dependind 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

from 2,45  
to 4,00 m



WORKING  
WIDTH

from 70  
to 150 CV



POWER

## Standard equipments

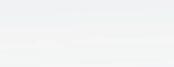
- CHASSIS steel beam 150 x 100 x 8 mm
- HITCH with fixed ring, height adjustment 3 positions
- BALANCE ADJUSTMENT with damper and parallel lifting device
- CLH ARRAYS 150 x 100 x 8 mm / CVH ARRAYS 200 x 120 x 8 mm
- MANUAL ANGLE SET 10 positions from 8° to 24°
- Manganese-silica SHAFT 40 mm, bearings 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



Fixed ring or rotating ring



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



Hydraulic connection : 1 DA outlet

- WHEELS 300/80-15,3 FL+
- SQUARE AXLE 60 mm, 6 axes
- LIGHTING and SIGNALLING standard

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.

### CHASSIS

150 x 100 x 8 mm.

### ARRAYS

- On CLH : 150 x 100 x 8 mm
- On CVH : 200 x 120 x 8 mm
- Manual angle set 10 positions from 8 to 24°



### DISCS

Ø660 mm or Ø710 mm.

### PIVOT

Oversized to allow the array-support beam movement.

### HITCH

Height adjustment of the strain points (3 positions).

Parallel lifting device with load transfer on the hitch ring. Manual balance adjustment with spring damper.

Optional : Hitch hydraulic offset.

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
- 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