

# TRW - CCW - CCU

Mounted reversible sprayer



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

# TRW

Heavy-duty mounted reversible sprayer

The TRW is a heavy-duty mounted sprayer, reversible and expandable, for tropical regions and for clearing and stubble cultivation in farming with lots of residue of sugar cane, banana plantation or ananas plantation.

It also can put the inter-row earth on the plant roots or put the earth covering the roots on the inter-row.

## Strong points

Space between discs 260 and 310 mm

Chassis width 2,30 m

Boron steel discs 160 kg/mm<sup>2</sup>

Expandable and reversible arrays

Adjustment of the angle of attack

Inclination angle adjustment

### + HITCH

Mounted 3 points with clevises category n°2 and 3N to suit all types of tractor.

### + CHASSIS

Steel beam 150 x 100 x 8 mm.

### + WEIGHT DOWN

Of 200 kg for TRW 6 and 250 kg for TRW 8.

### + ARRAYS

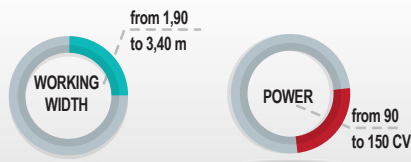
Steel beam 200 x 100 x 10 mm.

### + SHAFT

Manganese-silica with high strength and square bearings of 40 or 50 mm depending on the discs.

### + ARRAYS STRETCHER

Pushing arms keep the discs' angle of attack even in the most extreme conditions.



TRW 6 discs	6D - 260 C40	6D - 310 C50	6D - 310 FL C50
	Discs Ø710 x 7 cren. Square axle of 40 mm	Discs Ø810 x 10 cren. Square axle of 50 mm	Discs Ø810 x 10 cren. flail Square axle of 50 mm
Number of discs	6	6	6
Number of bearings	4	4	4
Space between discs	260	310	310
Working width	1,9 to 2,8 m	2,4 to 3,0 m	2,4 to 3,0 m
Weight	1 130 kg	1 380 kg	1 320 kg
TRW 8 discs	8D - 260 C40	8D - 310 C50	8D - 310 FL C50
	Discs Ø710 x 7 cren. Square axle of 40 mm	Discs Ø810 x 10 cren. Square axle of 50 mm	Discs Ø810 x 10 cren. flail Square axle of 50 mm
Number of discs	8	8	8
Number of bearings	4	4	4
Space between discs	260	310	310
Working width	1,9 to 2,6 m	2,4 to 3,4 m	2,4 to 3,4 m
Weight	1 200 kg	1 550 kg	1 480 kg

### Options available:

- Square bearing 40 mm protection shell
- Square bearing 40 mm reinforced protection shell
- Square bearing 50 mm reinforced protection shell



# CCW

Mounted reversible sprayer

## Strong points

The CCW is a mounted reversible sprayer for tropical regions mainly.

With a robust design, it perfectly suits for wanted work (putting the inter-row earth on the plant roots or putting the earth covering the roots on the inter-row).

- Spacing between discs 205 mm
- Boron steel discs 160 kg/mm<sup>2</sup>
- Expandable and reversible discs
- Adjustment of the angle of attack
- Inclination angle adjustment

### + HITCH

Mounted 3 points with clevises category n°2 and 3N to suit all types of tractors.

### + ARRAYS

Steel beam 100 x 80 x 6 mm.  
Discs Ø610 x 5 mm.

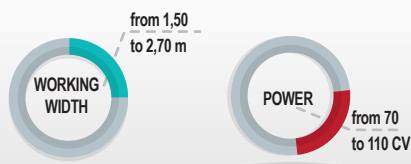


### + CHASSIS

Steel beam 150 x 100 x 8 mm  
and 100 x 50 x 5 mm.

### + SHAFT

Manganese-silica steel with very high strength and square bearings of 40 mm.



CCW	6 Discs	8 Discs
	Discs Ø610 x 5 crenellated Square axle of 40 mm	Discs Ø610 x 5 crenellated Square axle of 40 mm
Number of discs	6	8
Number of bearings	4	4
Space between discs	205	205
Working width	1,5 to 2,2 m	1,7 to 2,7 m
Weight	430 kg	490 kg

### Options available:

- Square bearing 40 mm protection shell
- Square bearing 40 mm reinforced protection

# CCU

Mounted reversible sprayer

With its high clearance chassis, the CCU is adapted for working on both sides of the row by striding over it.

## Strong points



- Spacing between discs 205 mm
- Boron steel discs 160 kg/mm<sup>2</sup>
- Expandable and reversible discs
- Adjustment of the angle of attack
- Inclination angle adjustment

### + HITCH

Mounted 3 points with clevises category n°2 and 3N to suit all types of tractors.

### + CHASSIS

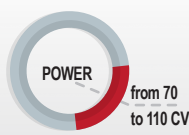
Steel beam 150 x 100 x 8 mm and 100 x 50 x 5 mm.

### + SHAFT

Manganese-silica steel with very high strength and square bearings of 30 mm.

### + ARRAYS

Steel beam 100 x 80 x 6 mm.  
Discs Ø560 x 4,5 mm.

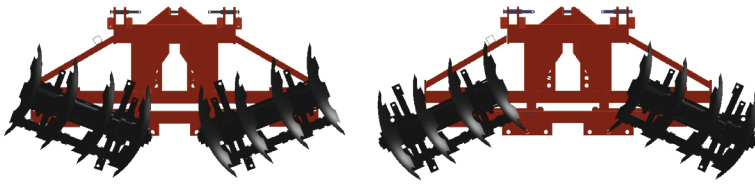


CCU	6 Discs	8 Discs
	Discs Ø560 x 4,5 crenellated Square axle of 30 mm	Discs Ø560 x 4,5 crenellated Square axle of 30 mm
Number of discs	6	8
Number of bearings	4	4
Space between discs	205	205
Working width	1,5 to 2,2 m	1,65 to 2,70 m
Weight	430 kg	490 kg

### Options available:

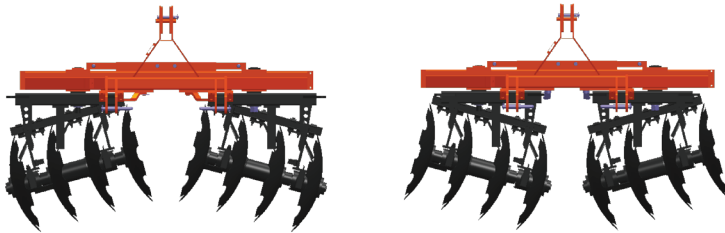
- Square bearing 30 mm protection shell

# ADJUSTMENT AND REVERSIBILITY



## + ANGLE OF ATTACK ADJUSTMENT AND ARRAYS REVERSIBILITY

The arrays are reversible to easily change to footing mode or heaving mode. Their angle of attack can be adjusted depending of the working needs.



## + VERTICAL INCLINATION ANGLE ADJUSTMENT

The vertical inclination angle can be adjusted depending of the tool use.  
(4 possible position from 0° to 15 °)

# DISCS AND BEARINGS



## Discs Ø560

- Mounted of square shaft 30 mm
- Spacing between discs 205 mm
- Thickness available: 4,5 mm



## Discs Ø610

- Mounted of square shaft 40 mm
- Spacing between discs 205 mm
- Thickness available: 5 mm



## Discs Ø710

- Mounted of square shaft 40 mm
- Spacing between discs 260 mm
- Thickness available: 7 mm



## Discs Ø810

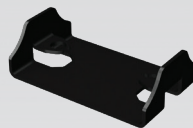
- Mounted of square shaft 50 mm
- Spacing between discs 310 mm
- Thickness available: 10 mm

## Square bearing 30 and 40 mm



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

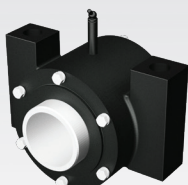
## Standard protection



## Reinforced protection



## Square bearing 50 mm



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

## Standard protection as standard



## Reinforced protection





### 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