CARRÉ

L'Agriculture par Nature

EN

ROTARY HOE

CROP MAINTENANCE

ROTANET

ROTANET *CONTROL*

Along the years, CARRÉ has invested in a modern and performing industrial tool to answer all productivity, competitiveness, flexibility, and quality problematics.

MANUFACTURE FRENCH

The CARRÉ company in a few images

CARRÉ used a painting process that improves the holding and the aspect of the machine and increases the life and its value over time.

2 years GUARANTEE

BENEFIT FROM THE 80 YEARS OF EXPERIENCE AND INNOVATION OF CARRÉ

• CARRÉ is a family run company based in Vendée. Since 1938 we have endeavoured to design, build and market equipment intended for soil preparation, drilling, fertilisation and a complete range of crop management.

Our aim is to offer you equipment that is designed to suit your conditions.

• Located in the heart of a farming region, CARRÉ develop all of its products in partnership with recognized cereal farmers. You will therefore benefit from their knowledge and their experience with implements, when buying CARRÉ equipment.

• Over the last 80 years the company has received several prizes for innovation and it would like to assist you in a sustainable management of your crops in order to obtain optimal yields.

USER TESTIMONY

Mr Heims, Farmer in Germany

I have a 9 metre **ROTANET** that I used on my 1,020 Ha of land (400 Ha are farmed organically and 620 Ha conventionally). *The main crops are wheat and winter barley, oats, triticale, oilseed rape, spelt and peas.*

I was looking for a solution in order to have more flexibility for my mechanical weeding operations, alongside my interrow hoe.

I use the implement twice, diagonally on the crops in the autumn at a speed of 12 to 16 km/h. From that point of view, my expectations have been fulfilled. After emergence, the weeding effect is reduced, but breaking up the capping is beneficial to aeration, plant development and therefore there are less adventitious weeds.

On sugar-beet, I use it as soon as possible in order to help mineralisation and crust breaking, this help a lot for sugar beet development. I see longer leaves, with more vitality and more green. I use it up to a stadium of 6-8 leaves.

Running the **ROTANET** over it also allows breaking up any remains left over, limiting the scope for jamming up other machinery.

THE ROTARY HOE ALLOW TO BREAK SURFACE CRUST

It breaks up and displaces the soil surface thanks to the small spades that are on the outer edges of the wheels.

The spades extract the grass weeds including their advanticious root system without damaging the crop.

The soil is aerated and grass weeds are eliminated as they dry out.

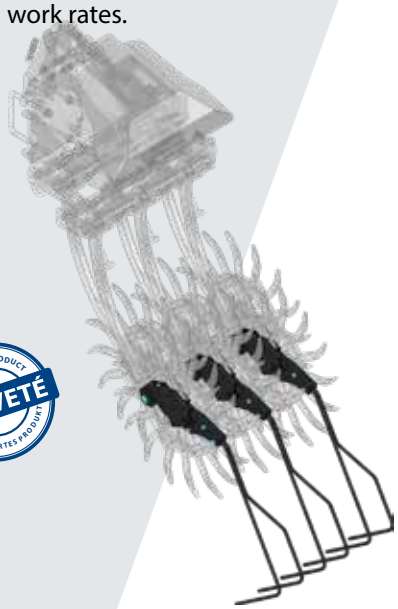
The rotary hoe is used on most of the crops (maize, rapeseed, wheat, beets, etc.).

It's surface action helps the soil to warm up quickly thus improving plant growth.

With a working speed of 15 km/h the machine provides high work rates.

It is possible to work on plots in a very short time.

New patented option on rotating hoes:
PROLINE!



Before **After**

ROTANET

REMOVE CRUST AND HIGH SPEED WEED !

ROTANET has a working speed of 15 kph, eliminating emerging weed seedlings by casting them up into the air.

The small spoon-bill hoe preserves crops in place, breaks up the crust and aerates the ground down through the first centi-metres.

The star wheel penetrates the ground vertically to break up the surface crust.

Thanks to its limited power needs and high working speed it can quickly work through a job.

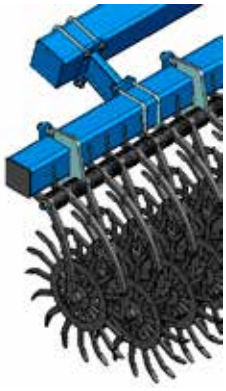
With under chassis clearance of 650 mm, ROTANET allows working on bare earth or once the crops are growing, up to 35 cm high for corn and 20 cm for rape and soybean.

Available from 3 to 12m40!

THE FRAME NEW

- Three-point hitch between No. 3 couplings - Pin Nos. 2/3
- A dynamic single piece square section 120x5 mm beam welded chassis
- Secondary square section 120×5 mm beam attached with a removable bracket
- Folding articulation with thick polyamide ring.
- Double folding beam from 8m with cab control unit
- Hydraulically folds to 3 metres with dual hydraulic and mechanical safety mechanisms
- Pair of tire wheels 10 plies Ø535x168mm with track adjustable from 1m50 to 2m15 - 2 parts from 8m
- Anti-spray grille
- Four parking stands
- Road light and signals included

STAR WHEEL HOE



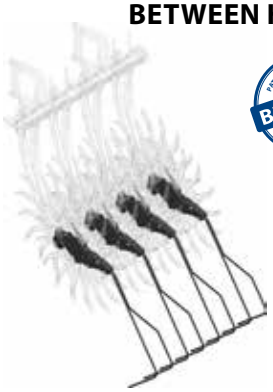
THE ADVANTAGES OF THE STAR WHEEL HOE

- Forged steel Yetter hoe mounted on separate arms with an Ø8 mm pressure spring
- Yetter Ø540 mm hoe wheel comprising 16 spoon-bill teeth
- Hoe fitted on high load capacity ball bearing
- Bearing protection cup
- Pitch between hoes 90 mm
- Alternating fitted hoes to facilitate residue flow
- Mechanically welded hoe arm with maintenance-free bushes

WELL FINISHED WORK

- ✓ It is possible to adjust the implement settings both easily, and without tools
- ✓ Maximum efficiency thanks to the original Yetter wheel that has proven itself well over more than 50 years
- ✓ Optimum adaptation to ground roughness thanks to its arm mounted hoes and independent springs

PROLINE: COMBS TO REFINE THE WORK BETWEEN HOES



- Fitting on individual hoeing arm guarantees proper terrain hugging
- Holder fastened to the hoeing arm to avoid damaging the crop
- Comb retraction on the crop line or total width
- Aggressive attack angle for proper effectiveness
- Lateral comb stiffness guaranteeing localised work between the hoes

Hydraulic and mechanic locking safety (transport and work position)
Four parking stands
Anti-spray grille

Enhanced stability thanks to the two beam chassis
No jamming thanks to hoe wheels that are offset mounted

Cab control unit from 8m

From 3 to 12m40

	FIXED		FOLDING					DOUBLE FOLDING			
Width (m)	**3**	**3,5**	**4,5**	**5,1**	**6,1**	**6,5**	**7,3**	**8**	**9,1**	**10,2**	**12,4**
Nbr. of hoe wheels	34	40	50	56	68	72	80	88	100	112	136
Folded height (m)*	/	/	2,71	2,96	3,51	3,68	4,06	3,6	3,6	4	4
Power requirement (hp)	45	50	70	75	90	95	100	140	150	160	180
Weight (Kg)**	700	770	1350	1430	1620	1660	1780	2850	3000	3300	3700

* Value when resting on the parking stands
** Without equipment and without option

THE OPTIONS

Designation		Use
Surface measurement kit on wheel		Measure the area covered
PROLINE combs on hoe arm		Refine the work between hoes

ROTANET *CONTROL*

BREAK UP THE CRUST AND WEED WITH SURGICAL ACCURACY!

ROTANET Control allows very accurately adjusting the hoe pressure applied to the ground.

The module comprises six hoes mounted on separate arms.

The pressure on the star wheels is adjusted from the cab.

The hoe frame's wide spread over the ground ensures very accurate working and a pressure level that is always constant.

Available from 4m80 to 10m30 !

THE FRAME

- Three-point hitch between No. 3 couplings - Pin Nos. 2/3
- A dynamic single piece square section 120x5 mm beam welded chassis
- Secondary square section 120×5 mm beam attached with a removable bracket
- Folding articulation with thick polyamide ring.
- Double folding beam from 8m10 with cab control unit
- Hydraulically folds to 3 metres with dual hydraulic and mechanical safety mechanisms
- Pair of wheels with 10-ply 535x168 mm tyres with track adjustable from 1.50 to 2.15 metres
- Anti-spray grille
- Four parking stands
- Road light and signals included

THE SPC (SPRING PRESSURE CONTROL) MODULE

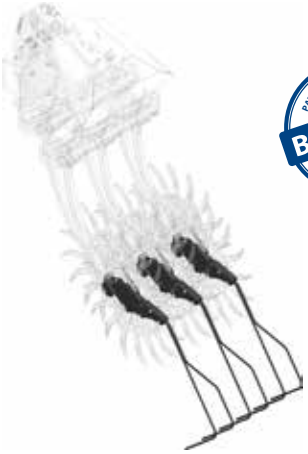
THE ADVANTAGES OF THE PATENTED SPC SYSTEM

- Module with six Yetter hoe wheels and 90 mm pitch
- The pressure on the ground is linearly adjusted from 18 to 29 Kg
- Strip for viewing the pressure adjustment
- Separate progressive winding Ø8 mm pressure spring
- Individual hoe retraction using pins
- Mechanically welded arm with maintenance-free bushes
- Bearing protection cap
- Module hoes fold away completely for transportation
- Constant hoe oscillation amplitude of +/- 15 cm in relation to the worked ground level
- Alternating fitted hoes to facilitate residue flow

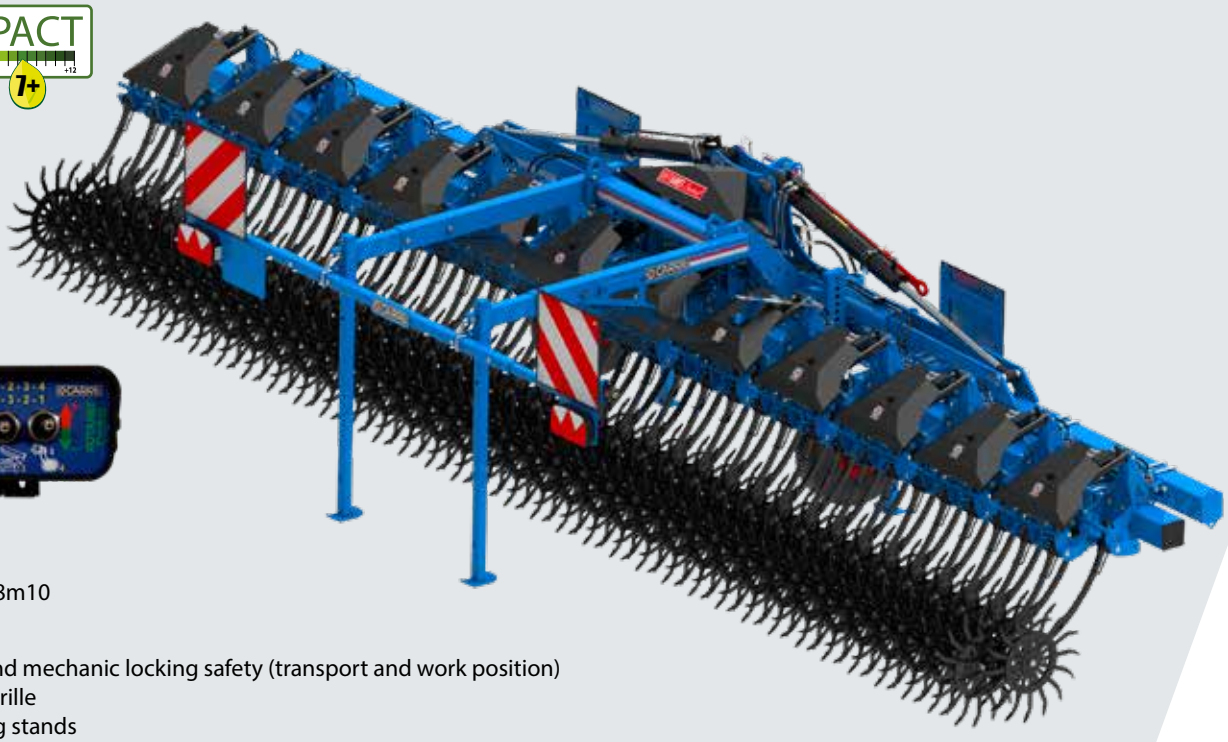
WELL FINISHED WORK

- ✓ Hoe ground pressure can be adjusted from the tractor cab
- ✓ Allows working the full width, a row or between rows
- ✓ Maximum efficiency thanks to the original Yetter wheel that has proven itself well over more than 50 years

PROLINE: COMBS TO REFINE THE WORK BETWEEN HOES



- Fitting on individual hoeing arm guarantees proper terrain hugging
- Holder fastened to the hoeing arm to avoid damaging the crop
- Comb retraction on the crop line or total width
- Aggressive attack angle for proper effectiveness
- Lateral comb stiffness guaranteeing localised work between the hoes



Cab control unit from 8m10

Hydraulic and mechanic locking safety (transport and work position)
Anti-spray grille
Four parking stands

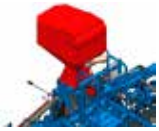
The pressure applied to the ground by the hoe can adjusted from the cab
Adjustable and identical pressure applied to all of the hoes

Widths: 4,80 to 10m30

	FOLDING				DOUBLE FOLDING		
Width (m)	**4,80**	**5,40**	**6,50**	**7**	**8,10**	**9,20**	**10,30**
Nbr. of modules	9	10	12	13	15	17	19
Nbr. of hoe wheels	54	60	72	78	90	102	114
Folded height (m)*	2,90	3,20	3,70	4	3,80	3,80	3,80
Power requirement (hp)	90	100	110	120	140	150	160
Weight (Kg)**	1800	1900	2150	2330	3530	3760	4000

* Value when resting on the parking stands
** Without equipment and without option

THE EQUIPMENT

Designation		Use
SEMLOC seeder		For broadcast sowing a crop

THE OPTIONS

Designation		Use
Surface measurement kit on wheel		Measure the area covered
PROLINE combs on hoe arm		Refine the work between hoes

Our teams do everything they can to guarantee that you have a machine that is reliable, strong and meets your requirements!

We use durable and environmentally friendly industrial methods because we are aware of the efforts that you make for the environment!

Our role : To guide you towards methods that are effective and environmentally friendly.

Your official CARRÉ dealer

CARRÉ

L'Agriculture par Nature

FIND US ALSO ON

2 Z.A. Les Fours - 85140 SAINT-MARTIN-DES-NOYERS - FRANCE
Phone +33 2 51 07 82 35
carre@carre.fr | Internet : http://www.carre.fr

Impression : GOULARD - 02 51 62 84 93
Production :LogOuest - Nantes - Non contractual photos. Non-contractual Weight, informations and technical specifications.

Discover the CARRE range

DEEP SOIL | SURFACE SOIL | DRILLING – FERTILISATION | COMPACTING ROLLERS | CROP MAINTENANCE