CARRÉ

L'Agriculture par Nature

EN

STRIP-TILL

DEEP SOIL

INRO II

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 CARRÉS 85 YEARS OF EXPERIENCE AND INNOVATION

• 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'S EXPERIENCE

I work with direct seeding or TCS on fall seeding, and I wanted to go further for my spring crops.

My target was to mix as low as minimum the soil and stimulate good take of maize. I already knew this technic will save me time, but this is not what I was looking for in priority, my first target was agronomic.

At the end, the strip-till is a very good tool to make the lines. We keep the benefit from direct seeding, with beding on the inter-row that limit evaporation and weed development.

I got a very nice pointing on all variety that I have tried. I seed 3 weeks after the strip-till pass, and I had no change to do on the seeder.

The start was like starting in TCS, it is a good tool.

My next target is to make more surface next year and improve this technic.

THE STRIP-TILL: AN ECONOMIC DEVELOPMENT

Strip-tilling is a technic developed in the USA in the 1980's, with the aim of easing land work and reducing planting costs. This method consists in working only on the row intended to receive crops in line (Maize, Beets, Sunflower, Rape, Soya ...).

It is an excellent balance between ploughing in order to warm the land up before planting, and direct drilling. The aim is to create a clean seedbed that encourages the development of microorganisms, and therefore an environment that is ideal for your crops growth. Strip-till has been developed in order to obtain better results than with ploughing with less nitrogen, less water, less agrochemicals, and less fuel.

Using INRO II, agronomic results will:

- Create conditions that encourage better emergence, thanks to the soil being crumbled and warmed up.
- Better water conservation in the inter row.
- To ease sowing by moisture conservation.
- Strengthen the root development.
- Ensure soil health when the land will be used for another crop.
- Increase organic matter levels and build up the soils reserves and its resistance to drought.

THE ADVANTAGE OF STRIP-TILL

The INRO II has been developed to optimise your yields and reduce your costs.

The reduction is mechanical because only a quarter to a third of the actual surface is worked, the residues left on the spot create a cover.

This method allows to :

- Reduce the amount you spend on fuel : you reduce the number of passes.
- Place your fertiliser applications where the plant needs it most.
- Limit losses due to run off and fertiliser volatility.
- Intervene faster.
- Facilitate the management of winter cover, crops take advantage of what they can bring.
- Optimise your land's potential by moving your drill lines by half a row each year.
- Limit erosion and conserve your soil structure

Our range combines this work with the implantation of fertiliser and localized slurry to optimize its action.

INRO II

THE FUTUR IS IN THE ROW!

CARRÉ offers different frames according to the number of elements to obtain the best cost / resistance / versatility ratio :

- **Single beam chassis** are ideal for crops with fixed-interval and a small variety of conditions,
- **Twin-beam chassis** meet the needs of those who wish to use a machine on a wide variety of crops with different inter-row spacings.
- **Triple beam chassis** are design for big width mounted versions and maintain extensions in sandwich for high rigidity.

Using our experience in hoeing, we have designed an element optimized for row work only.
Each element is mounted on a paralellogram and benefits from its own pair of depth wheels to ensure a regularity in the working depth from one end to the other of the machine whatever the width of the tool.
Each disc is mounted with its own security and can be independently adjusted. Numerous adjustments are possible, all by hand and without tools (trash wheel discs, deflector discs, working depth and re-pressing of the roller). Visual elements make it possible to quickly check all the settings of the machine and to reproduce them on all the elements.

THE FRAME

Fixed Single beam chassis:

- 3 point linkage between clevis N°3 - Pin N° 2/3
- Frame square tube 120
- Work 4 rows at 75 or 80 cm or 6 rows at 45 or 50cm
- Road light and signals included

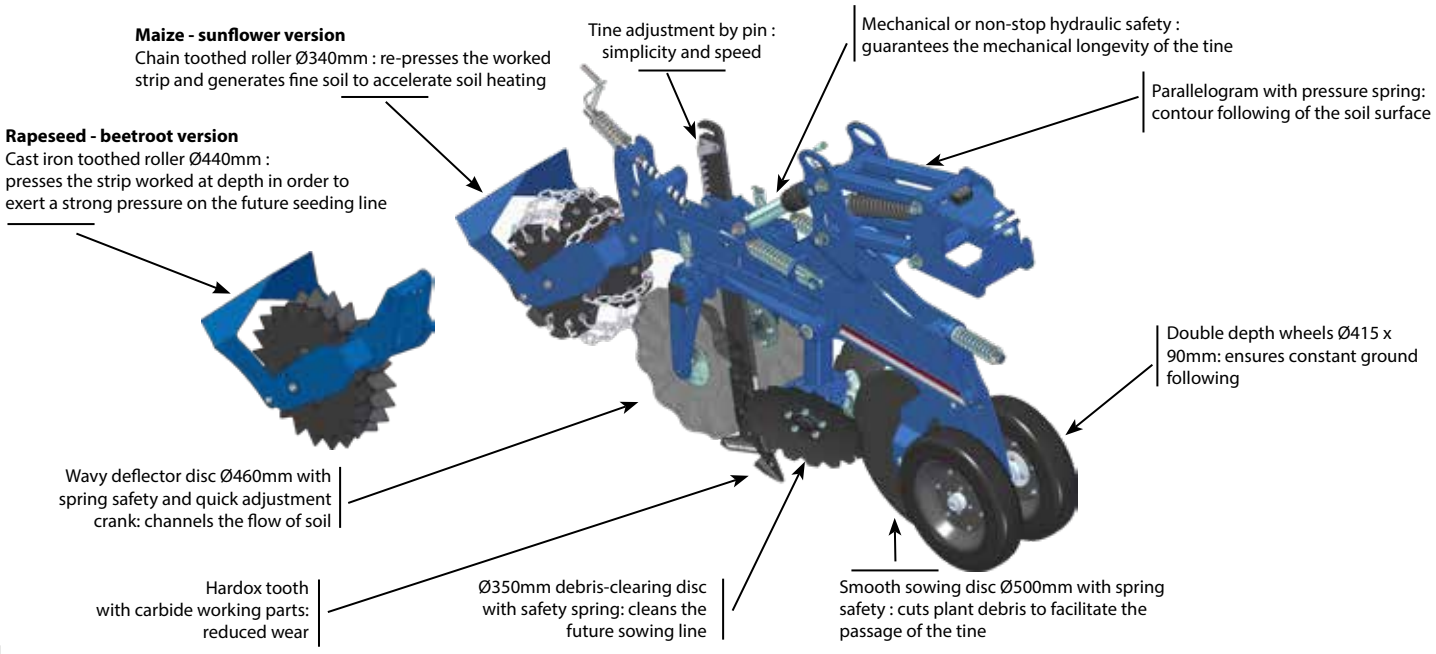
Folding twin beam chassis:

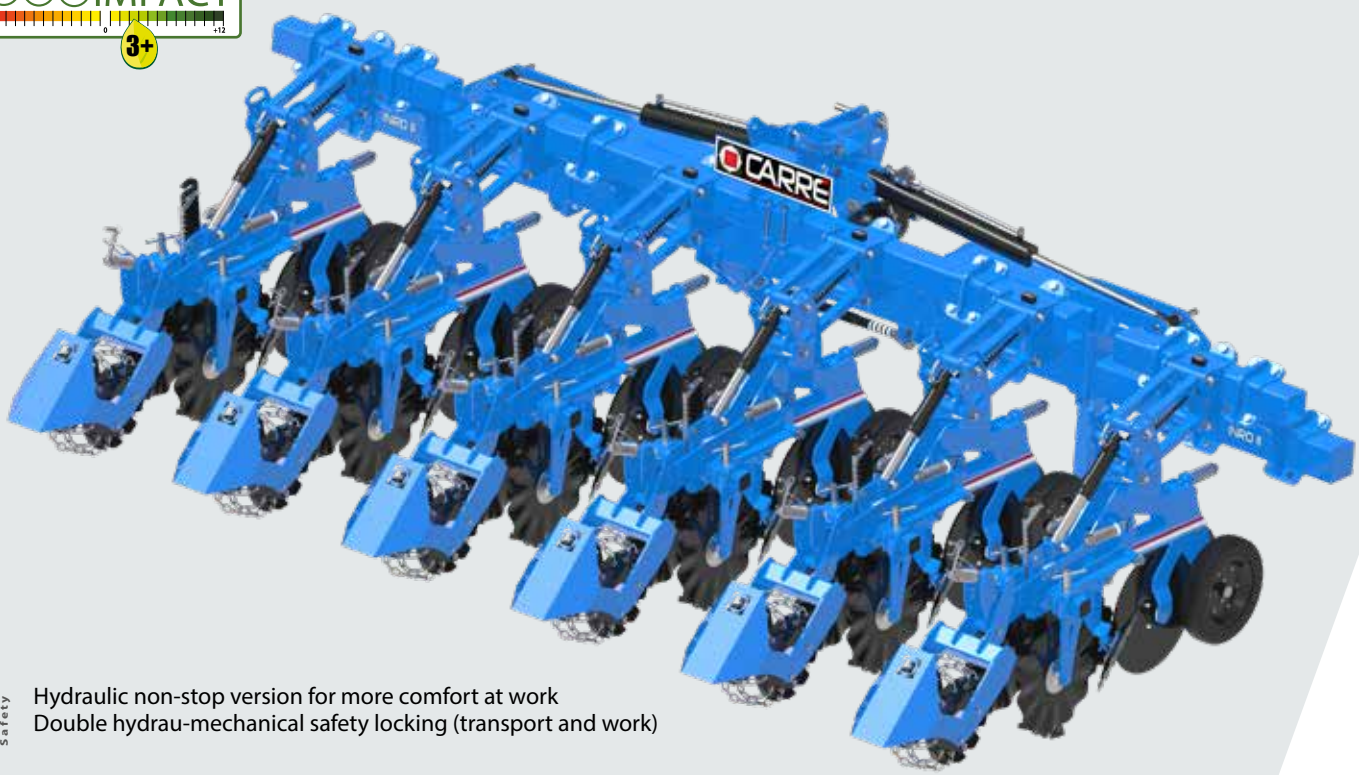
- 3 point linkage between clevis N°3 - Pin N° 2/3
- Square tube frame 140 front and 120 rear
- Hydraulically folds to 3 metres with dual hydraulic and mechanical safety mechanisms
- Work 6 rows at 75 or 80cm or 7 rows at 60cm
- Road light and signals included

Folding triple beam chassis:

- 3 point linkage between clevis N°3 - Pin N° 2/3
- Square tube frame 180 + double rectangular tube front and rear 180x100
- Hydraulically folds to 3 metres with dual hydraulic and mechanical safety mechanisms.
- Work 8 rows at 75 or 80cm or 12 rows at 45 or 50cm or 9 rows at 60cm
- Road light and signals included

THE ELEMENT





Hydraulic non-stop version for more comfort at work
Double hydrau-mechanical safety locking (transport and work)

Points, legs, and wings are in carbid as standard
The tine can work between 5 to 30cm depth.
2 types of elements to be chosen depending on inter-row spacing

WIDTH : FROM 4 TO 12 ROWS

Frame type	Number of rows	Inter-row spacing (cm)	Weight (Kg)		Power requirement (hp)
			Mechanical safety	Hydraulic safety	
Maize (75-80cm)					
Rigid single beam chassis	4	75	1336	1356	80
		80	1336	1356	80
Folding double beam chassis	6	75	2314	2334	120
		80	2314	2334	120
Folding triple beam chassis	8	75	2887	2912	160
		80	2887	2912	160
Sugar-beet - rape (45-50 cm)					
Rigid single beam chassis	6	45	1986	1928	120
		50	1986	1928	120
Folding triple beam chassis	12	45	4165	4056	240
		50	4165	4056	240
Sunflower (60 cm)					
Folding double beam chassis	7	60	2598	2623	140
Folding triple beam chassis	9	60	3155	3201	180

WELL FINISHED WORK

✓ It is possible to adjust the implement settings both easily, and without tools
✓ For a good job, the working section is divided in three parts, possibility to change independantly the point, the leg or the wing.



THE EQUIPMENT

FERTILOC: For controlled granular fertiliser application !

If you use granular fertiliser, we have the solution that will meet your requirements!
Work an inter-row between 45 to 80 cm
This equipment is made of a distribution head, from 4 to 12 rows,
Column Ø130mm, descending pipes Ø40mm, cyclones, splines Ø40mm and pipes.

Outlet adjustables in height behind the tine for a perfect positionning of your fertilisers.

LIKLOC : valorize manure with a real soil work tool !

CARRÉ gives you the opportunity to integrate manure in the future seeding line!

Work with inter-row spacing between 75 and 80 cm.
Equipment made of a distribution head, 8, 12 or 16 outlets, descending pipes Ø50mm.

Outlet adjustable with 2 height behind the tine for a perfect positionning of your manure.

THE OPTIONS

Designation		Use
Pair of depth control wheels Ø 135x168 mm		To control the working depth.
Spring recovery disc Ø460 mm		Make a surface pass on a maximum depth of 5/7 cm
Cast iron roller Ø440 mm		Repress worked line, in order to make a strong repress on the future seeding line
Chain toothed roller Ø340 mm		Presses down the worked strip to ensure fine earth on the surface to avoid speeding up reheating.

SEMLOC : SOW AT THE SAME TIME !

- Sowing in lines
- 200L seeder with pneumatic distribution avec electric blower.
- Centralized flow insured by radar
- Seeding line with notched discs Ø415 + pressure wheel 50mm

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

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Discover the CARRÉ ranges

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