CARRÉ

L'Agriculture par Nature

EN

WEEDING HARROW

CROP AND GRASSLAND MAINTENANCE

SARCLERSE

SARCLERSE CONTROL

TRAILED SARCLERSE

PRESSIUS

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'S EXPERIENCE

Eric G., Farmer in Seine et Marne

I bought a SARCLERSE 12 m with 8mm fingers.

I use it for weeding more than 100 ha of organic crops. I grow cereals, (mainly wheat but also triticale and spelt), linseed, green beans and field beans.

I'm very satisfied, the weeding has been excellent. I use it for an entirely different reason : Having lightly cultivated with a tined implement, I go over it with my harrow in order to eradicate slug colonies.

I get really good results, it's really bluffing !

Briefly, it's a very well-designed polyvalent implement!

EFFICIENT MECHANICAL WEEDING

Tine-weeders are part of the mechanical weed control range, they can be used on bare ground, pre-emergence and on the majority of crops at different stages.
The vibration of the tines destroys the surface of the soil and uproots young weeds (stage white thread). The working depth is about 2 cm.

Spiked harrows are used at two crucial moments in the crop : pre-emergence, or post-emergence, where speed must be adjusted according to the resistance of the crop with passage of tines. Ideally, the following days should be dry and sunny to dry the weeds torn off. It makes it possible to weed all the cultivated area.

The tine angle can be changed to alter the level of aggressivity to suit the crop type and growth stage in order to obtain optimum results.
Spiked harrows are complementary with other mechanical crop weeding techniques, their effect of breaking up capping, and aeration, encourage crop development.

This implement has a low cost per pass, needs little maintenance and has a low power requirement in comparison to the working width. What's more it provides very high work rates and therefore enables you to cover your land in a very short space of time.

Our range comprises 4 models: SARCLERSE, trailed SARCLERSE, SARCLERSE Control and PRESSIUS. All users will find a spiked harrow suited to their need depending on their farm, crops and farming techniques

SARCLERSE

A MACHINE FOR AN OPTIMAL RESULT!

Folding at 3m to drive with serenity
Standard or scissors folding depending on width (scissors from 9m).
SARCLERSE units feature dual tines fastened with a clip pin for quick changing.
The mounting system eliminates play (constant elastic pressure mounting) between the tine tube and the double tine. The clip is held tightly against the tube due to the constant tine pressure, which guarantees that the tines are well held.
Spacing between tines : 25mm.

3 models of tines adapted to your crops:
Compact Ø 7mm tines (L = 430 mm or 530 mm) or Ø 8 mm standard (L = 530 mm) for a pasture use.
Manual or hydraulic adjustment of the tines aggressiveness.

Available from 1.50 to 12 m in carried version

THE FRAME

- 3 point hitch with anti-rotation pin category 2/3
- Welded single piece frame – tube 100×5 mm and 100×8 mm
- Folding articulation with thick polyamide ring.
- Folding to 3 m
- Depth control wheels 16x6.50-8 (Ø 410x170mm) up to 7.50m and 18.5x8.50-8 (Ø460x220mm) from 9m
- Ø 7mm tines length 430 or 530mm or Ø 8mm tines length 530mm
- Manual or hydraulic tine attack adjustment
- Signage and lighting included except on the 1.50 m model

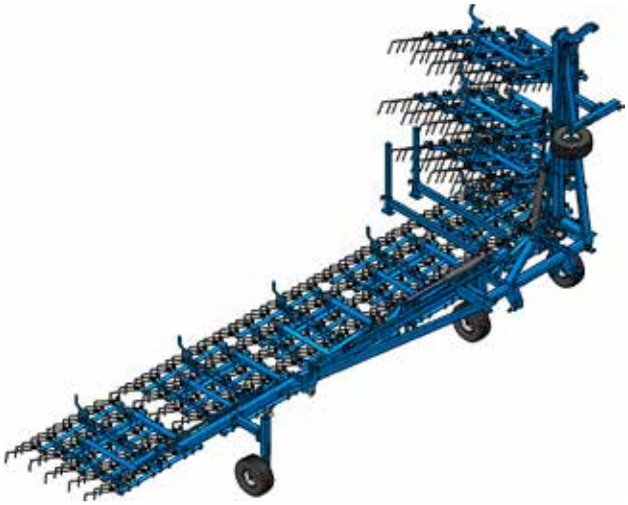
WELL FINISHED WORK

✓ It is possible to adjust the implement settings both easily, and without tools
✓ Manual or hydraulic adjustment of the tines aggressiveness.

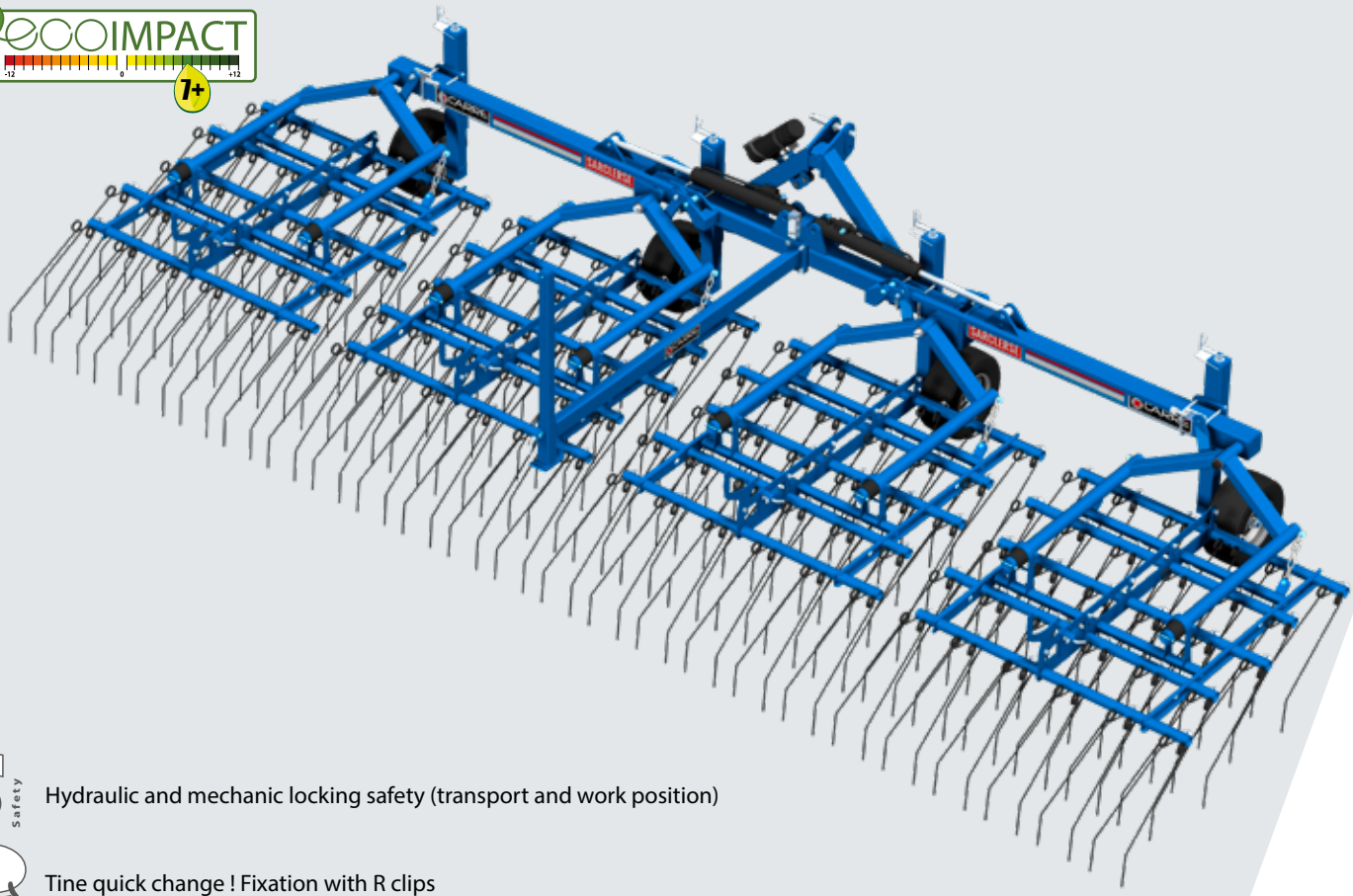
TWO TYPES OF FOLDING

From 9 m: scissor folding in order to reduce transport height.

Standard folding



Scissor folding



Hydraulic and mechanic locking safety (transport and work position)

Tine quick change ! Fixation with R clips
Manual or hydraulic adjustment of the tines aggressiveness.

WIDTH : FROM 1,5 TO 12 M

	FIXED			STANDARD FOLDING				SCISSOR FOLDING	
Width (m)	**1,5**	**3**	**4,5**	**4,5**	**6**	**7,5**	**9**	**9**	**12**
Folded height (m)	-	-	-	1,45	2,2	2,95	3,7	2,5	3,25
Number of sections	1	2	3	3	4	5	6	6	8
Number of tines	30	60	90	90	120	150	180	180	240
Number of fingers	60	120	180	180	240	300	360	360	480
Number of wheels	2	2	2	2	2	4	4	4	4
Power requirement (hp)	15	25	35	35	50	60	80	80	90
Weight (kg) *	290	290	544	586	636	837	1100	1212	1500

* According to equipment

THE EQUIPMENT

SEMLOC : RESEED YOUR PASTURES IN THE SAME TIME

Broadcasting seed (on the surface) for grass-land regeneration
200 L hopper
Delivered with 2 feeder rollers (small or large grains)

Fan driven by 2 electric motors or a hydraulically driven fan from 9 m wide and upwards.
Dosage from 2 to 100Kg/Ha - Flow rate proportional to driving by mechanical drive wheel or radar.
The seed rate is altered according to forward speed
Hopper access platform

LEVELLING BOARD: MAKE THE MOST OF YOUR PASS-BY LEVELLING YOUR LAND!

Independant notched blades, mounted on square tine (20mm) for rigidity and maximum aggressiveness on surface
Fastened directly on the chassis of SARCLERSE 3m, 4m50, 6m and 9m in standard folding

Before

After

SARCLERSE CONTROL

PERFECT SOIL MONITORING IN ALL CONDITIONS!

The SARCLERSE CONTROL combines all the benefits of the standard SARCLERSE with a contour following system improved by a swivelling rear axle. The latter allows operating a spiked harrow which follows the ground profile accurately to guarantee stable adjustment of the teeth in all conditions.

The hydraulic tine angle adjustment, from the tractor cab, is integrated to SARCLERSE CONTROL for better working comfort and fast adaptation to heterogeneous plots.

Compact tines Ø7mm (L=430mm) or long tines Ø7mm (L=530mm) according to the type of crop and soil.

Available in 6, 9 and 12m in carried version!

FRAME

- Three-point linkage with anti-rotation pins category 2/3 with upper floating shaft
- One-piece mechanically welded frame in 100x5mm and 100x8mm tubes
- Folding joint with thick polyamide bushes
- Folding at 3m00 with hydraulic locking
- Hydraulic locking of extensions on scissor folding chassis
- Compact tines Ø7mm (L=430mm) or Ø7 long (L=530mm)
- Tine angle hydraulic adjustment
- 4 topsoiling wheels at the front and 2 rear wheels on swivel frame dimension 16x6.50-8 (Ø410x170mm) up to 6m and 18.5x8.50 (Ø460x220mm) from 9m
- Trail breaker combs at the back of the 2 swivel wheels
- Road light and signals included

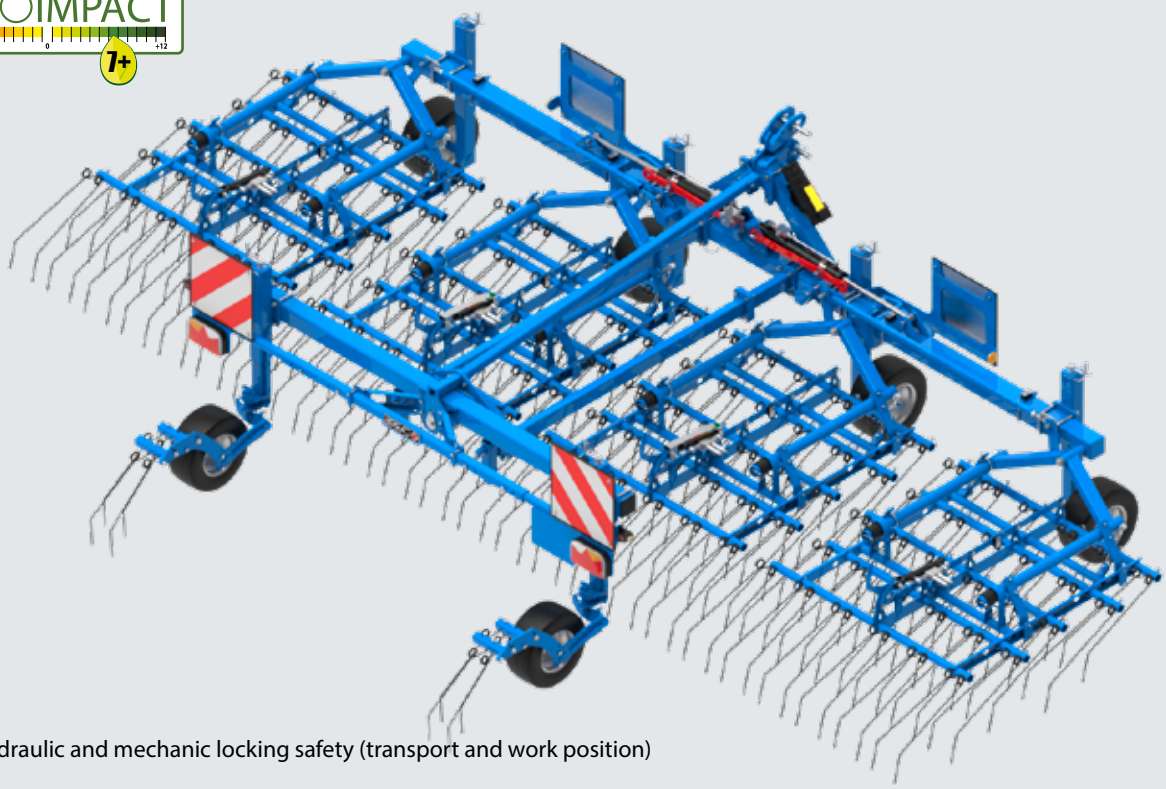
AN OPTIMISED RESULT

✓ Floating linkage with 6 front / rear control wheels

✓ Tine attack adjustment from the tractor cab

TWO TYPES OF FOLDING

From 9m: scissor folding to reduce transport height.



Hydraulic and mechanic locking safety (transport and work position)

Tine quick change ! Fixation with R clips
Tine angle hydraulic adjustment

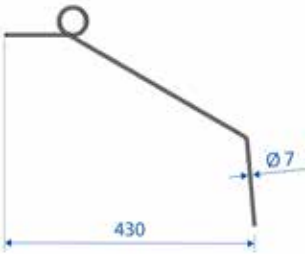
WIDTH: FROM 6 TO 12m

	STANDARD FOLDING	SCISSOR FOLDING	
Width (m)	**6**	**9**	**12**
Folded height (m)	2,2	2,5	3,25
Number of elements	4	6	8
Number of tines	120	180	240
Number of fingers	240	360	480
Number of wheels	6	6	6
Power requirement (hp)	60	80	90
Weight (Kg)	820	1310	1640

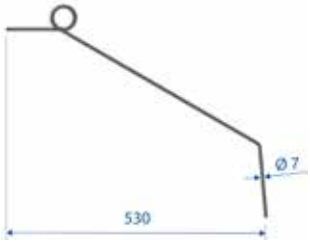
DOUBLE TINES ADAPTED TO YOUR CROPS !

Rapid tine changing!

The mounting system eliminates play (constant elastic pressure mounting) between the tine tube and the double tine.
The clip is held tightly against the tube due to the constant tine pressure, which guarantees that the tines are well held.



Ø7 mm compact (L=430 mm)
Stiffer and less vibration



Ø7 mm long (L=530 mm)
More flexible and enhances vibration

Hydraulic adjustment

TRAILED SARCLERSE

The trailed version benefit from DREAL french homologation for road transport with maximum width of 2,7m.

THE FRAME

- Two-point linkage with anti-rotation pins category 2/3
- Trailed chassis,180x100x10 mm and 100x5 mm tube
- Variable axle track width from 1.7m to 2.25 m with 400-60x15,5 (Ø870x400 mm)
- Folding/unfolding automatic system , sequence by continuous action button.
- Folding pivots with treated steel bushes
- Coulter wheels 18.5x8.50-8 (Ø460x120mm) 1 pair on 15m models and 2 pairs on 18, 21 and 24m models
- Folding to 2.7 m
- Road light and signals included

THE SECTIONS

Sections independently mounted on parallelograms
Automatic lifting sequence at the end of a bout
Constant pressure over the whole width

IN-CAB CONTROL BOX

A double acting spool valve for all the hydraulic functions

THE WIDTHS: FROM 15 TO 24 M

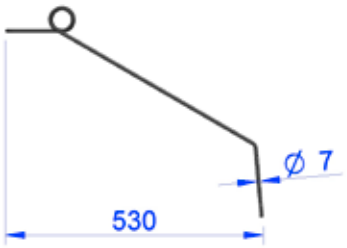
Width (m)	15	18	21	24
Folded height (m)	3,7	3,7	3,7	3,7
Number of sections	10	12	14	16
Number of tines	300	360	420	480
Number of fingers	600	720	840	960
Number of wheels	2	4	4	4
Power requirement (hp)	110	120	130	150
Weight (kg) *	3500	3800	4100	4700

* According to equipment

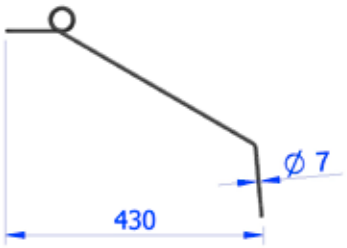
DOUBLE TINES ADAPTED TO YOUR CROPS !

Rapid tine changing!

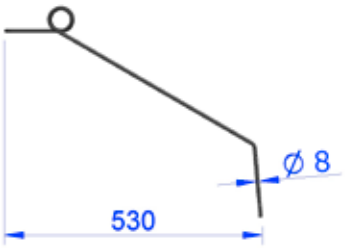
The mounting system eliminates play (constant elastic pressure mounting) between the tine tube and the double tine.
The clip is held tightly against the tube due to the constant tine pressure, which guarantees that the tines are well held.



Ø7mm standard(L=530 mm)
stimulate vibrations



Ø7 mm compact(L=430 mm)
more rigid - less vibrating



Ø 8mm compact (L=530mm)
Efficient moss take off

AGGRESSIVITY ADJUSTMENT

Manual adjustment

Hydraulic adjustment

THE OPTIONS

Designation		Implements	Use
Wheel mounted area meter		ALL	Measure the area covered
Extension 50cm with tines		SARCLERSE SARCLERSE CONTROL	To increase width of 50 cm
Pair of extra wheels		SARCLERSE 6m	For a better depth control
Independent hydraulic folding of the extensions		SARCLERSE SARCLERSE CONTROL	To fold each extension independantly
Hydraulic tine adjustment		TRAILED SARCLERSESARCLERSE	To adjust how aggressive the tine attack is from the tractor cab.
Hydraulic extension locking kit on 9 et 12m scissors		SARCLERSE	Hydraulic extension locking from the tractor cab

PRESSIUS

CULTIVATE THE ART OF PRECISION!

The PRESSIUS precision spiked harrow allows intervention more particularly on sensitive crops and soil with a heterogeneous structure thanks to its adaptive frame and its unique adjustable pressure tine module. Soil contour following is optimum with its front control wheels and its 2 swivelling rear wheels guaranteeing stable tine adjustment.

Hydraulic adjustment of tine pressure on the soil from 100g to 5000g from the tractor can ensures adaptation to the different crop stages and heterogeneous plots.

The design of each tine module provides an operating range allowing to work crops flat or on mound.

The fitting of the Ø8mm tine is designed to achieve the best compromise between lateral stiffness and vibration in order to guarantee high quality currying.

Available from 6m20 to 15m40!

FRAME

- Three-point linkage with category no. 2/3 anti-rotation pins with upper floating shaft. Category no.2 lower yoke opening
- One-piece mechanically welded frame in 80x50x5mm HLE tubes
- Folding joint with thick polyamide bushes
- Outer extensions oscillation from 9m20 to follow terrain elevation
- 4 double acting jacks on the central frame securing the extensions. Jack-knife folded extensions from 9m20.
- Maximum height under chassis 550mm to work on grown crops or mounds
- Transport width 3m00 for maximum transport safety
- Hydraulic extension locking hooks for more comfort
- Coulter wheels at the front and 2 swivel wheels at the back dimension 18.5x8.50 (Ø460x220mm). Precise height adjustment by screw/crank system. Automatic rear swivel wheel centring and locking when raising the implement.

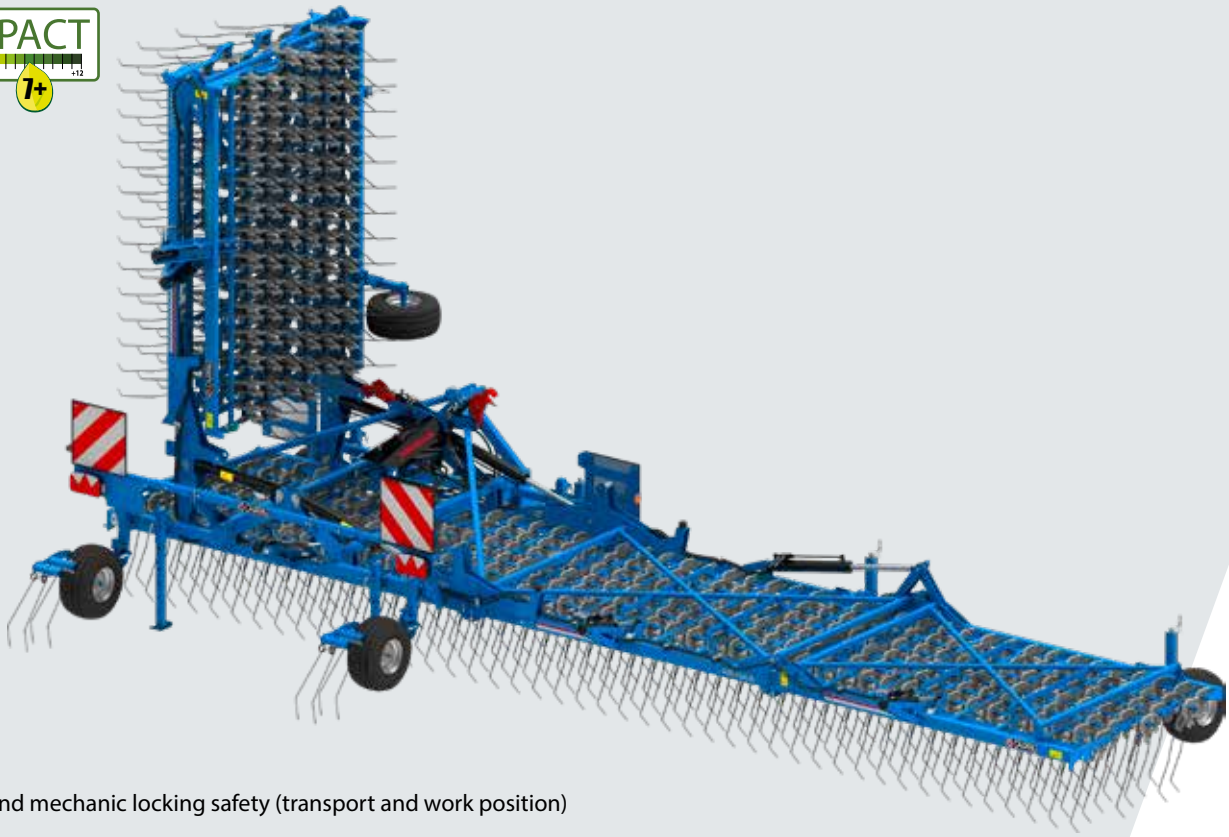
INDIVIDUAL TINE MODULE

- Tine Ø8mm with 28mm pitch distributed over 6 rows eliminating maximum weed without risk of jamming
- The tine attack angle on the ground favours baring weed roots and disorganizing surface crust
- Lateral tine stiffness combined with its offset shape generates a vibrating effect to prevent the formation of linear furrows
- Carbide tip tine version for high wear soil
- Torsion spring for precise tine pressure management on the soil from 100g to 5Kg to adapt to the crop growth stage and type of soil. The broad adjustment range allows very fine working in pre-emergent crops, up to highly aggressive work to eliminate surface crust.
- Natural pressure compensation system on the ground according to the tine's attack angle
- Continuous tine pressure adjustment for heterogeneous plots thanks to hydraulic control of the modules from the tractor cab
- Fast tine removal without tools
- Individual tine retraction system to increase the operating range of the chain harrow and adjust work width if required
- Automatic tine unclipping system in case of false manoeuver
- Maintenance-free high performance glass-fibre charged composite articulation block. Guarantees mechanical strength and high durability.

PRECISION BY EXCELLENCE

✓ Floating linkage with front and rear control wheels

✓ Hydraulic tine pressure adjustment from the tractor cab



Hydraulic and mechanic locking safety (transport and work position)

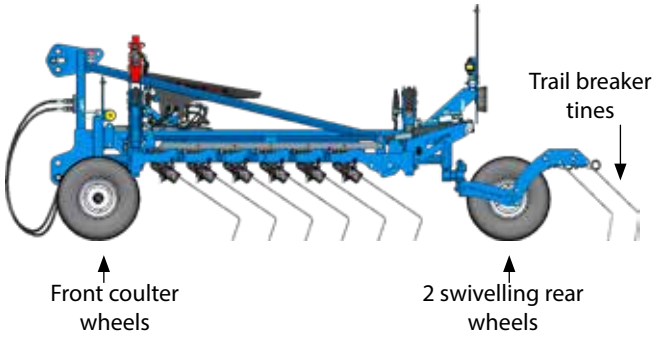
Quick tine changing without tools!
Optimum terrain hugging
Broad tine ground pressure adjustment range

WIDTH: from 6m20 to 15m40

	SIMPLE FOLDING		DOUBLE FOLDING		
Width (m)	**6,20**	**7,50**	**9,20**	**12,20**	**15,40**
Folded height (m)	2,96	3,63	2,96	3,63	4,40
Number of compartments	3	3	5	5	5
Number of tines	222	270	330	438	546
Number of wheels	4 at the front, 2 at the back	4 at the front, 2 at the back	6 at the front, 2 at the back	6 at the front, 2 at the back	6 at the front, 2 at the back
Power requirement (hp)	60	70	80	90	120
Weight (Kg)	1350	1450	1850	2130	2430

CAB CONTROL UNIT

- Machine unfolding/folding control and tine pressure adjustment



THE OPTIONS

Designation		Use
Surface measurement kit on wheel		Measure the area covered
Additional pair of wheels*		High stability on loose ground

** 6.20m and 7.50m = 1 pair / from 9.20m to 15.40m = 1 or 2 pairs*

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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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

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