CULTIVATORS WITH SHANKS

ALPEGO
Your Partner In The Field

WE HAVE CREATED A COMPLETE SYSTEM BECAUSE HAVING THE BEST STEEL IS NOT ENOUGH.

The sticker **"ALPEGO INSIDE"** on all machines, certifies the **high quality** of Alpego's products. An union of **first quality materials**, **eco-sustainable coating** process and **certified welding** that guarantees an **exceptional durability and quality over the years.**

HIGH STRENGTH STEEL

All Alpego machines use the best **steel to reduce weight and increase work performance**, this maximizing both consumption and operating costs.
This has a great impact on environmental sustainability as well.

ECO PAINTING

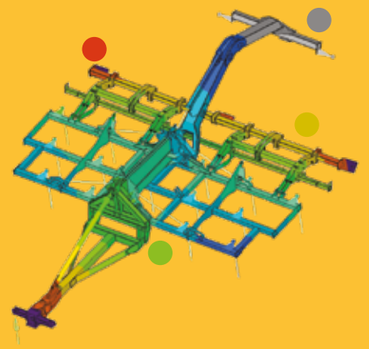
A unique system of its kind throughout Europe, which allows **each component to be painted with the most suitable process and in full respect for the environment.** The paints used, in fact, are water-based and powder-based and do **not produce emissions of VOC** (Volatile Organic Compounds).

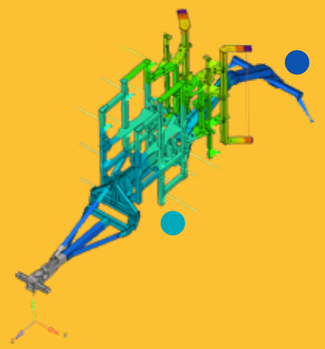
CERTIFIED WELDING

For more than twenty years the exceptional durability of Alpego structural components has been guaranteed by the effectiveness of **welds made by highly qualified personnel in accordance with standardized processes certified by the National Welding Institute.**

The cultivator for any need of yours

The new innovative range of cultivators





The frame of the Alpego cultivators are designed through FEM simulation.

- Very high stress
- High stress
- Medium stress
- Normal stress
- Low stress
- No stress

"The new Cayman CF cultivator has been conceived and designed to work with tractors of medium to high power."

Isacco Mirandola
After-Sales Manager

The cultivators with shanks of the Alpego range stands out thanks to its exceptional ability to work the soil and for its versatility: from intensive deep tilling to the mixing of the crop residues on the surface, to the preparation of the seedbed. Moreover, because of their high resistance frames with a very high free space from the soil (850 mm) they are extremely heavy-duty machines, which can conform to any type of soil and working conditions.

The Alpego cultivators are designed to work at high speeds, which has given rise to the term "Velocitytilling". Among the many advantages the most obvious are: a decrease of the working time, a conspicuous decrease of fuel consumption and a high tilling quality.

CAYMAN CA

VELOCITILLING

HP 110-240
Page 12

CAYMAN CA: rigid cultivator available in the working widths of 3 and 3.5 meters. Ideal for tractors with powers ranging from 110 to 240 HP. Conceived as a versatile machine, it makes it possible to work in different types of soils, always granting a high quality standard.

CAYMAN CF

VELOCITILLING

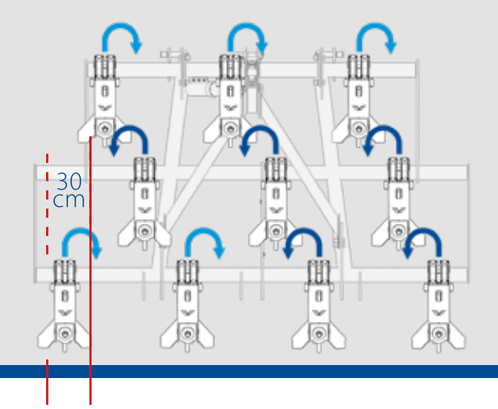
HP 200-270
Page 13

CAYMAN CF: folding cultivator available in the working width of 4 meters and transport width of 2.5 meters. Ideal for tractors with powers ranging from 200 to 270 HP. Conceived for a highly professional use, it makes it possible to work in different types of soils, always granting a high quality standard.

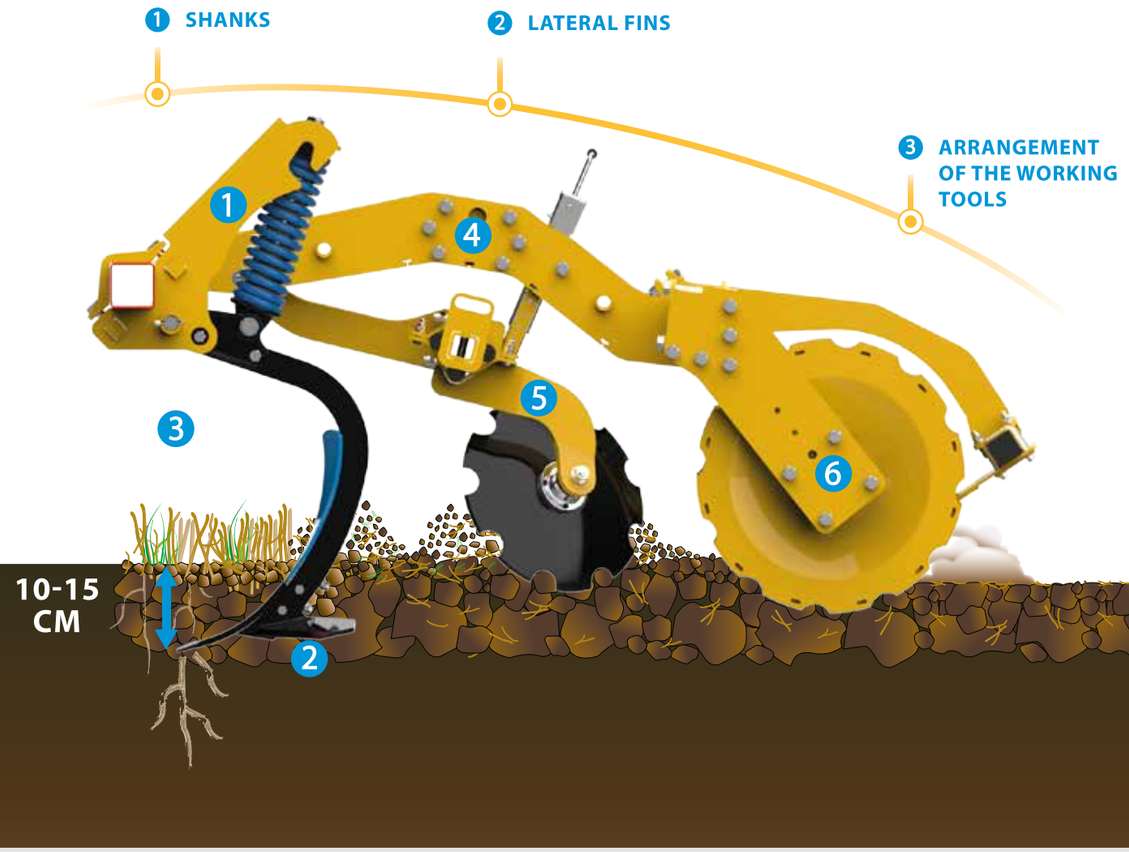
CAYMAN

Multiple types of work with a single machine

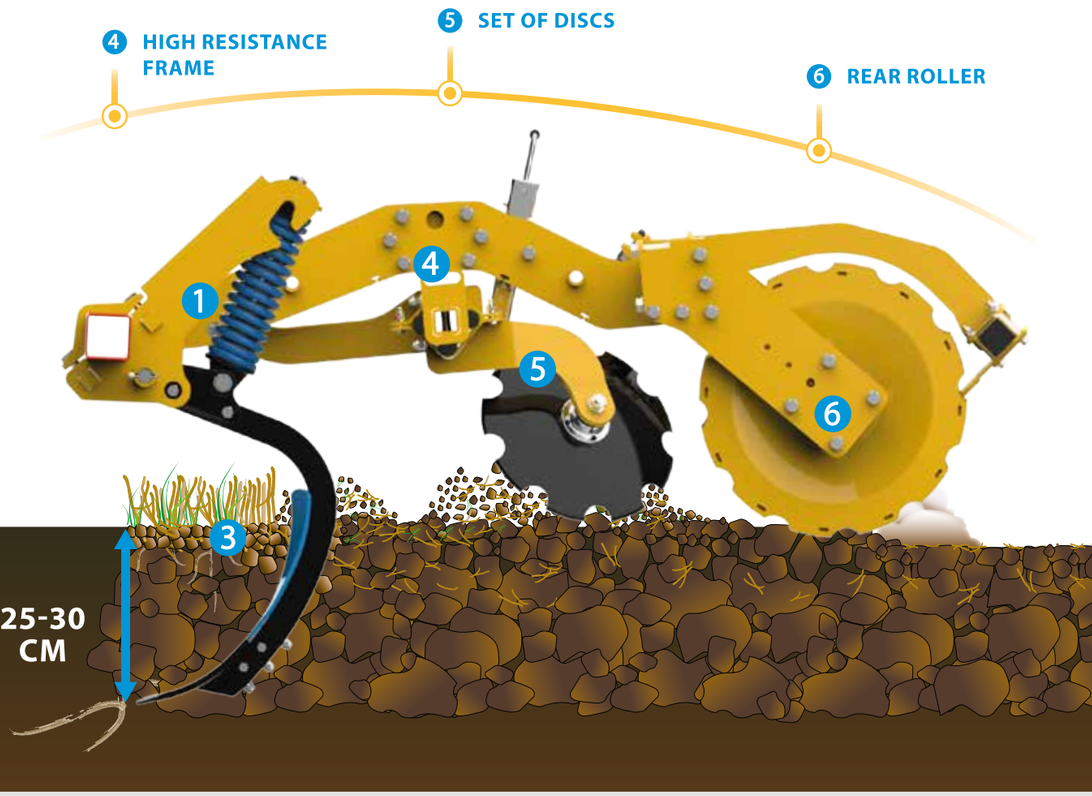
The use of the fin deflectors improves the mixing of the soil with the crop residues on the surface.



SUPERFICIAL TILLING
(cultivator with shanks with fins)



DEEP TILLING
(Cultivator with shanks without fins)



1 SHANKS
They were conceived for several uses and working types: from the deep and intensive depths (up to 30 cm) to the superficial ones with any kind of crop residues or the preparation of the seedbed (up to 15 cm), which makes the Alpego cultivators very versatile.

2 LATERAL FINS
Thanks to their tilted shape, they increase the ability of mixing the soil and the crop residues on the surface.

3 ARRANGEMENT OF THE WORKING TOOLS
The arrangement of the shanks in 3 rows with a centre-to-centre distance of 30 cm, together with a high free space form the soil (850 mm) guarantees an exceptional working performance. The flow of the soil within the machine guarantees a good mixing of the crop residues, while preventing the formation of mounds.

4 HIGH RESISTANCE FRAME
The use of high resistance materials give the frame of the Cayman cultivator increased resistance to overloads, while keeping its weight rather low.

5 SET OF DISCS
After the passage of the shanks, a set of discs with a diameter of 460 mm, levels the soils, buries the crop residues and fills in possible remaining furrows. The discs are mounted on “no grease” bearings and are adjustable through a single central crank.

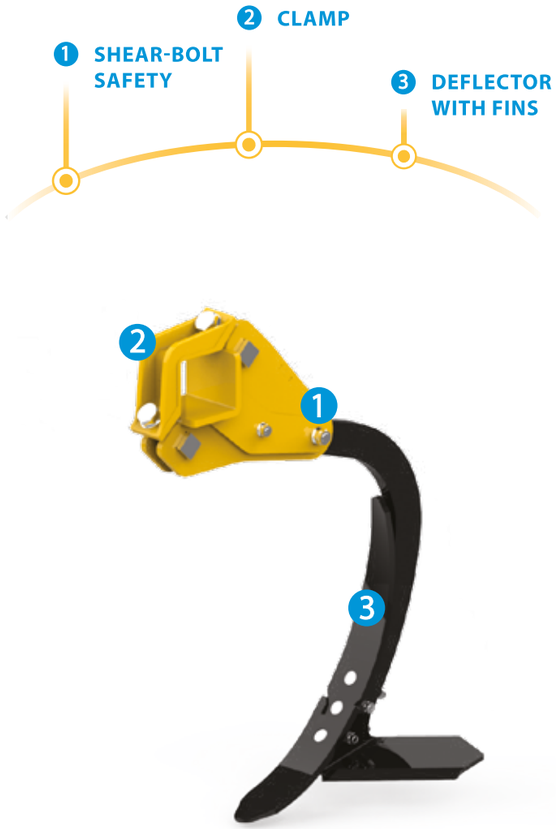
6 REAR ROLLER
Depending on the type of soil in which the machine works, it is possible to choose among different types of rear rollers with different diameters. These have the task of further crumbling and compacting the previously tilled soil and increase the stability of the machine.

TOP-MECC-SPRING Systems

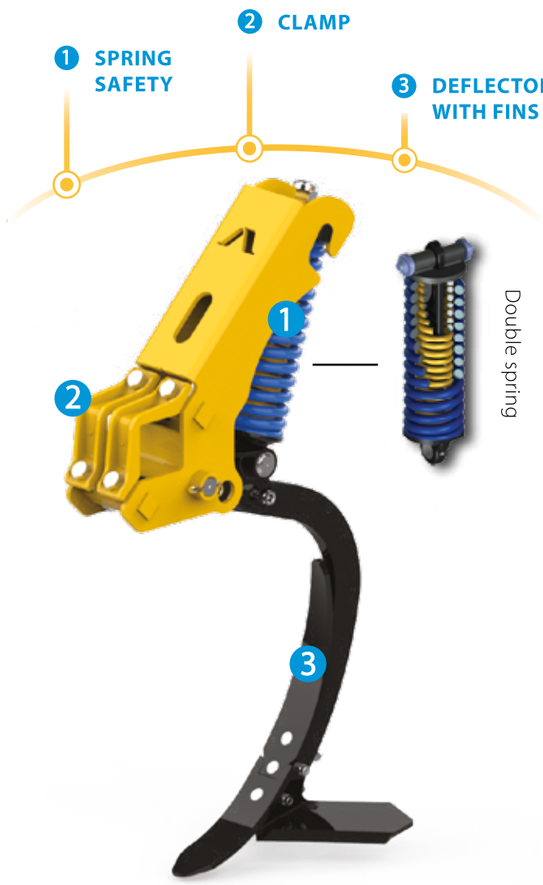
The most suitable configuration for a better result

Every type of soil has its own characteristics, the correct choice of the shanks to be mounted on your Alpego cultivator will improve the tilling quality in the field and will protect the integrity of the frame for years to come.

TOP-MECC



TOP-SPRING

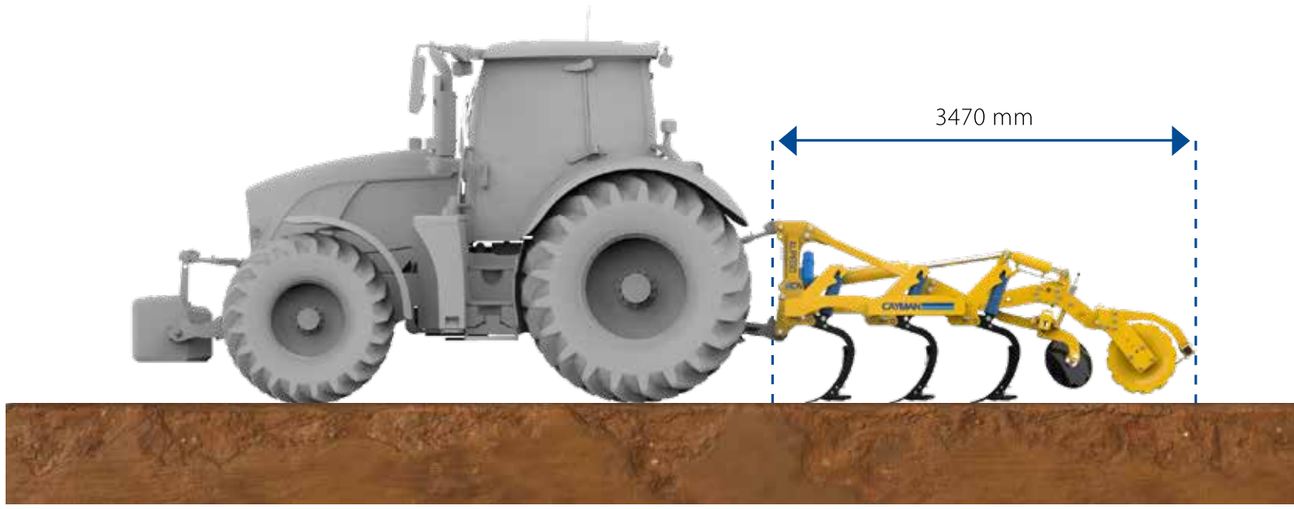


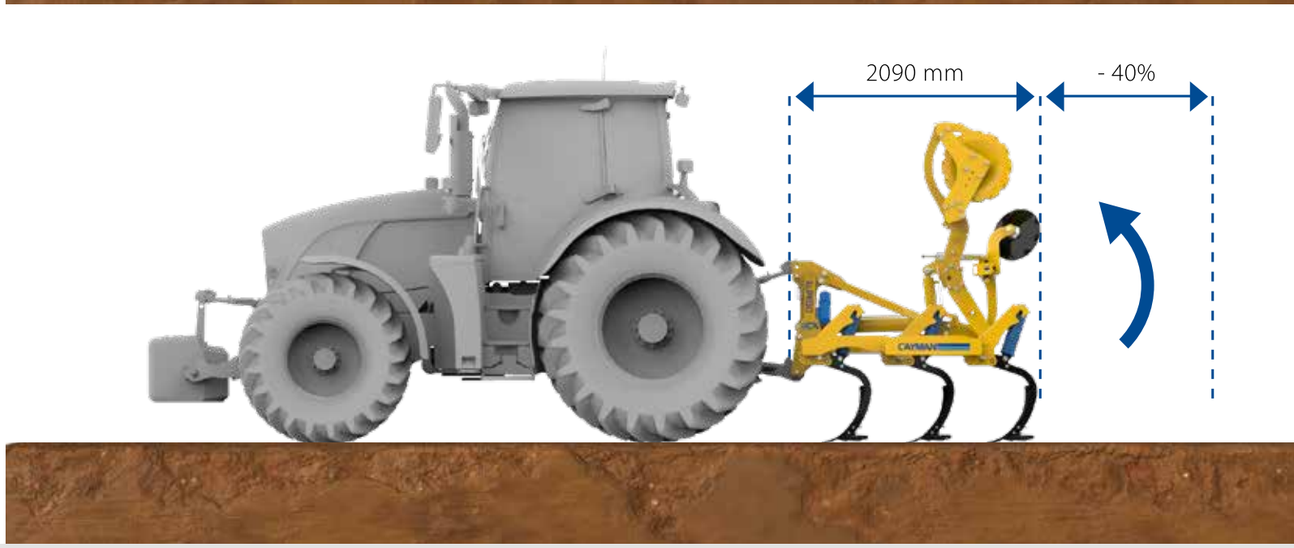
TOP-MECC
The shank body in the top-mecc version is complete with shear-bolt safety, which will be torn in the presence of an obstacle, thereby protecting the structure.
This solution decreases the total weight of the implement and makes it possible to hitch it on lightweight tractors, which is ideal when working in loose soil without stones.

TOP-SPRING
The shank body in the top-spring version is complete with a double-spring safety system, which guarantees the utmost elasticity, higher stability of the machine and a wide range of uses. This solution is indispensable when tilling at high speed, even in uneven, rocky or very hard soils: in the case of an obstacle, the shank bounces up and the springs, which are pre-loaded at 700 Kg absorb the load, thereby safeguarding the frame.

COMPACT System

Minimum overall dimensions for transportation





COMPACT
The hydraulic retraction system of the "Compact" roller has been designed to make the transportation of the cultivator lighter. It also entails several other advantages:

1. More adherence to the front axle
2. Use of tractors with a smaller mass
3. By bringing forward the centre of gravity the length will be decreased by 40%, which means a decrease of the transport load
4. The retraction of the roller and the adjustment of the working depth occur through 2 separate hydraulic pistons.

Cayman cultivator with shanks
CA-350 with Top-Spring safety

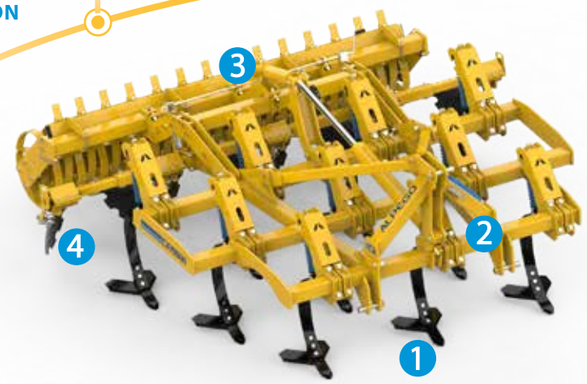
CAYMAN CA

Rigid, compact and versatile cultivator

Rigid cultivator, Mod. Cayman CA: an ideal machine for the superficial tilling on crop stubble, but also for the mixing of the soil in deeper tilling. It is available in the working widths 3 and 3.5 meters in two different versions (Top-Mecc and Top-Spring) and it is ideal for tractors ranging from 110 and 240 HP.

TOP-SPRING

1 CONFIGURATION
2 HIGH-RESISTANCE FRAME
3 RETRACTION OF THE ROLLER
4 CONVEYING DISCS



TOP-MECC

* Also available in the Top-Mecc version

	CA-300 TOP-MECC	CA-350 TOP-MECC	CA-300 TOP-SPRING	CA-350 TOP-SPRING
Working width (mm)	3000	3500	3000	3500
Transport width with rear roller (mm)	2980	3490	2980	3490
Tractor power (HP)	110-200	135-200	120-240	140-240
Working depth (mm)	300	300	300	300
Shanks (mm)	10	12	10	12
Distance between shanks (mm)	300	300	300	300
Weight with Cage roller (Kg)	1455	1665	1910	2155
Weight with Ring roller (Kg)	1710	1980	2160	2470
Weight with Disc roller (Kg)	1790	2040	2240	2580
Weight with Flex roller (Kg)	1670	1960	2120	2450

1 CONFIGURATION
It is possible to choose between two configurations: shank body Top-Mecc and Top-Spring, depending on the type of soil and of tilling

2 HIGH-RESISTANCE FRAME
Made of high-resistance steel, it yields the best compromise between sturdiness and lightweight.

3 RETRACTION OF THE ROLLER
Thanks to the retraction of the "Compact" rear roller, the centre of gravity of the machine is moved forward and both the length and the transport load are decreased.

4 CONVEYING DISCS
After the passage of the shanks, the discs flatten the soil, bury the crop residues and fill in possible remaining furrows. Their adjustment occurs through a central crank, which determines their degree of penetration into the soil.

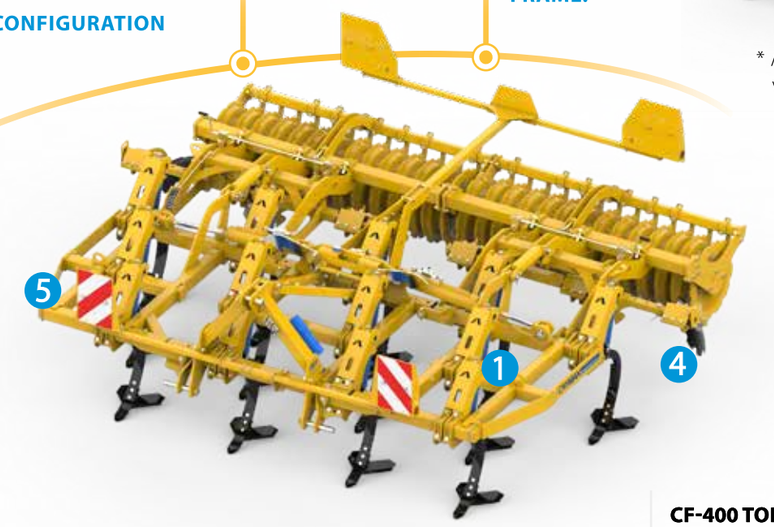
CAYMAN CF

The folding and professional cultivator designed for medium to high tractor powers

Folding cultivator Mod. Cayman CF, a professional and versatile machine ideal for the superficial tilling on crop stubble, but also for the mixing of the soil in deeper tilling. It is available in the working width of 4 meters in two different versions (Top-Mecc and Top-Spring) and it is ideal for tractors ranging from 200 and 270 HP.

TOP-SPRING

1 CONFIGURATION
4 CONVEYING DISCS
5 NEW FOLDING HIGH-RESISTANCE FRAME.



TOP-MECC

* Also available in the Top-Mecc version

	CF-400 TOP-MECC	CF-400 TOP-SPRING
Working width (mm)	4000	4000
Transport width with rear roller (mm)	2800	2800
Tractor power (HP)	200-250	200-270
Working depth (mm)	250	250
Shanks (mm)	13	13
Distance between shanks (mm)	300	300
Weight with Cage roller (Kg)	2360	2960
Weight with Ring roller (Kg)	2740	3340
Weight with Disc roller (Kg)	2850	3450
Weight with Flex roller (Kg)	2670	3270

5 NEW FOLDING HIGH-RESISTANCE FRAME
Made of high-resistance steel and divided into three sections, it makes it possible to achieve the best compromise between sturdiness and lightweight. Moreover, it weighs 400 Kg. less than the old version.

6 STANDARD OPTIONS CA
Tractor hitch 3rd. Cat./ hydraulic or manual adjustment of the rear roller

Wide-load boards and rear lights on demand.

7 STANDARD ACCESSORIES CF
Tractor hitch 3rd. Cat. / hydraulic adjustment of the rear rollers/ transport width 2.8 or 2.5 meters

The choice of the roller

For a perfect result

CAGE ROLLER
Roller made of steel rods, it is usually chosen both because of its lightweight and for the superficial mixing of the soil.

It is suited for crumbly and not too sticky soils.

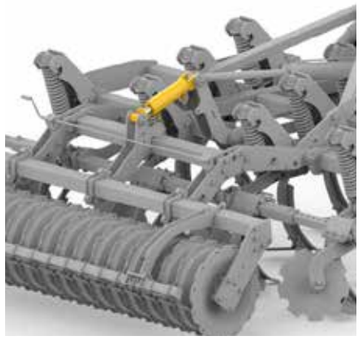
RING ROLLER
Ring roller for a high degree of crumbling and r
e-compacting of the soil by means of wedge-shaped rings. The special blades between the rings crumble the clods and clean the spaces between the rings.
It is suited for loamy and dry soils.

DISC ROLLER
Roller made of sturdy rings obtained from pressed steel meant to unload an "online" pressure even under the surface of the soil, thereby increasing its degree of crumbling.
It is suited for strong and dry soils.

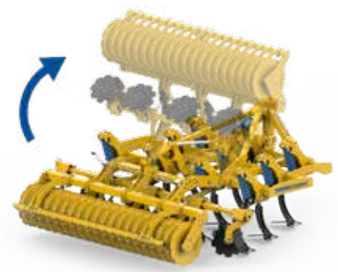
FLEX ROLLER
Elastic ring roller: each ring consists of 4 strong, independent springs, which guarantee an even consolidation of the soil. Independent and adjustable scrapers are placed between the rings. They help in the crumbling and cleaning processes.
It is suited for medium heavy soils, even if crop residues are present.

The choice of accessory

The right accessory for every situation



HYDRAULIC ADJUSTMENT OF THE ROLLER



COMPACT SYSTEM

DEFLECTOR WITH FINS

WIDE-LOAD BOARDS AND REAR LIGHTS KIT

SHANK WITH WEAR-RESISTANT PLATES

KIT FOR THE ASSEMBLY OF THE COMPACT BROADCAST SEED-DRILLS

Options	CA TOP-MECC	CA TOP-SPRING	CF TOP-MECC	CF TOP-SPRING
Hydraulic adjustment of the roller	■	■	■	■
Compact System	■	■	—	—
Deflector with fins	■	■	■	■
Wide-load boards and rear lights kit	■	■	■	■
Shank with wear-resistant plates	■	■	■	■
Kit for the assembly of the compact broadcast seed-drills	■	■	—	—

■ Option ■ Standard — Not available

ALPEGO
Your Partner In The Field

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Q10A00390 Depliant Coltivatori
Rev. 00 01/09/2020

RIGID POWER HARROWS
40 - 320 HP

FOLDABLE POWER HARROWS
320 - 500 HP

SUBSOILERS
50 - 500 HP

ROTARY TILLERS AND STONE BURIERS
50 - 500 HP

SEED-DRILLS
75 - 320 HP

FRONT HOPPERS
90 - 500 HP

CULTIVATORS
110 - 270 HP

MULCHERS
40-160 HP

RANGE
ALPEGO