

ROTARY TILLERS AND STONE BURIERS





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.

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**.



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 advantages of our rotary tillers

The details that make the difference

Thanks to their multiple advantages, Alpego rotary tillers and Stone Buriers ensure intensive soil tillage in any condition, both in heavy and stony soils.

Alpego Central Transmission

The whole range of ALPEGO rotary tillers is equipped with the exclusive and patented central gear transmission

The transmission gearbox is designed and built by Alpego. It consists of a speed gear change, which makes it possible to change the rotation speed and of a series of gears transmitting the motion to the rotor. The vertically arranged gears made of cast iron work constantly in contact with the moving soil, which allows a natural heat dispersion.



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I started designing rotary tillers more than 40 years ago and have always seen lateral transmission as a limit. I therefore created the Alpego central transmission which was an alternative and revolutionary solution.
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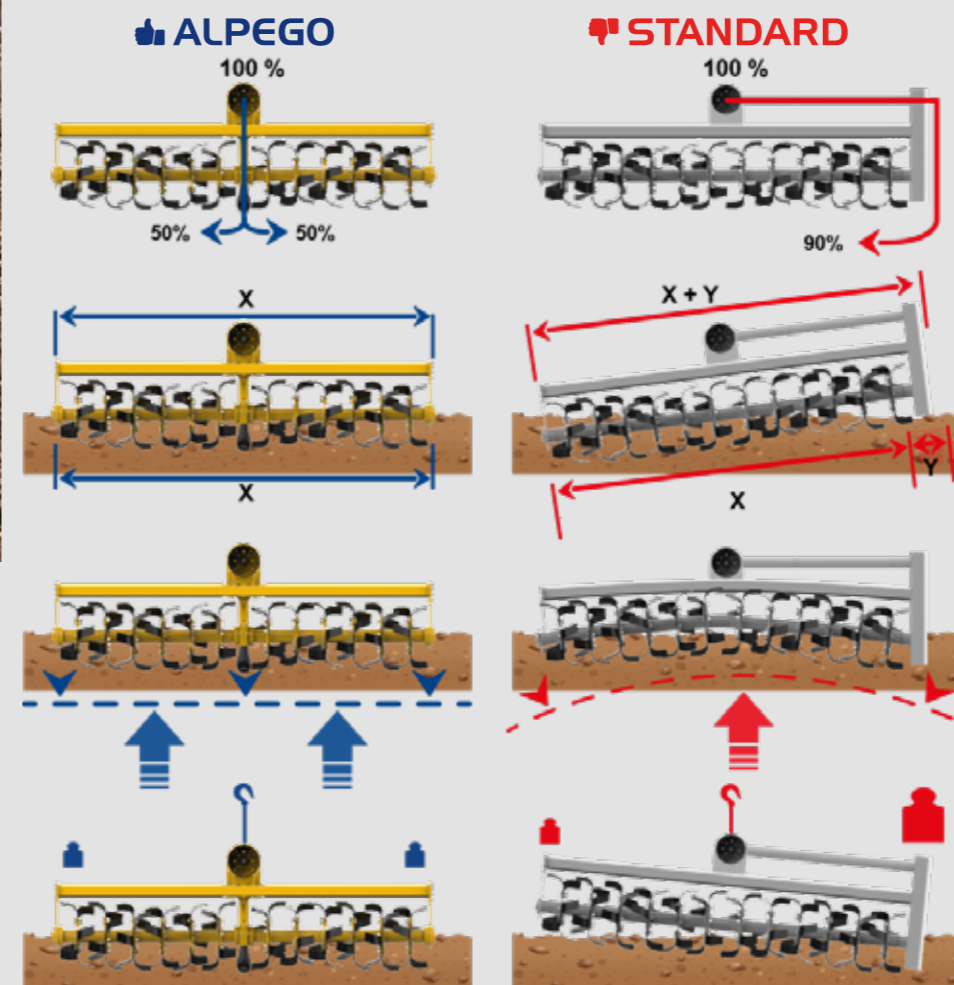
Luciano Pegoraro
Ceo



1 HIGH TENSILE STEEL FRAME
The width extension of the frame guarantees a much higher resistance to loads than the standard ones. The Alpego frame, instead of being screwed, is welded and guarantees further resistance to workloads reducing the possibility of breakage in difficult conditions.

2 MECHANICAL SEALS
Central and lateral mechanical seals in oil bath to ensure maximum protection to the transmission in every working condition, safeguarding the rotor from water, mud and dust. This system allows the rotary tiller to be used even in submerged rice fields.

3 CENTRAL TRANSMISSION
The whole range of ALPEGO rotary tillers is equipped with the exclusive and patented central gear transmission, completely designed and manufactured in Alpego.



- In the ALPEGO solution, the rotary power is equally transmitted from the center of the machine to 2 semi-rotors. This guarantees maximum reliability and low power absorption unlike the standard solutions in which it should be dissipated by the transmission itself.

- The working width of the machine is equivalent to the overall width since the overall dimensions (no lateral transmission).

- Unlike the competition which provides only 2 support points for the rotor, the patented Alpego system with 4 support points allows to reduce the flexion on the rotation axis by drastically decreasing the loads on the transmission.

- The absence of the lateral transmission allows an optimal weight balance on both sides and the lack of the lateral transmission guarantees a constant working depth.

A range with a unique solution on the market!

The ideal implement for best results

The Alpego range of rotary tillers responds to the highest professional needs of farmers and contractors looking for long-lasting, performing machines and above all with unique technical solutions on the market.

All models are equipped with the exclusive and patented central transmission.



FB

Rotozappa
HP 75-120
Pg.9



FG - FG-BIO

Rotozappa
HP 90-180
Pg.10-12



FZ

Rotozappa
HP 140-280
Pg.11



LG - KG

Rotolama - Rotopik
HP 85-170
Pg.14 - 16



LZ - KZ

Rotolama - Rotopik
HP 140-280
Pg.15 - 17



IGINVERSA

Inversa
HP 90-170
Pg.22



IZINVERSA

Inversa
HP 140-280
Pg.23



MATRIX

Modular system
HP 300-500
Pg.26



POKER - POKER INVERSA

Foldable rotary tiller
HP 140-260
Pg. 18 - 24



POKER

Rotozappa



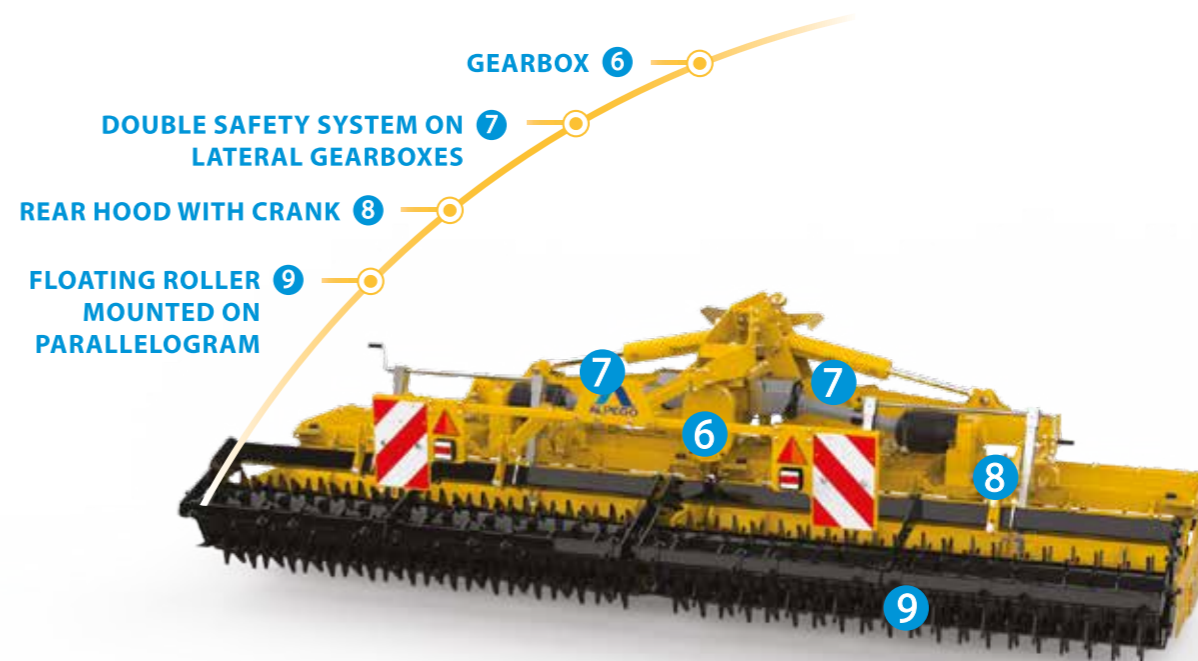
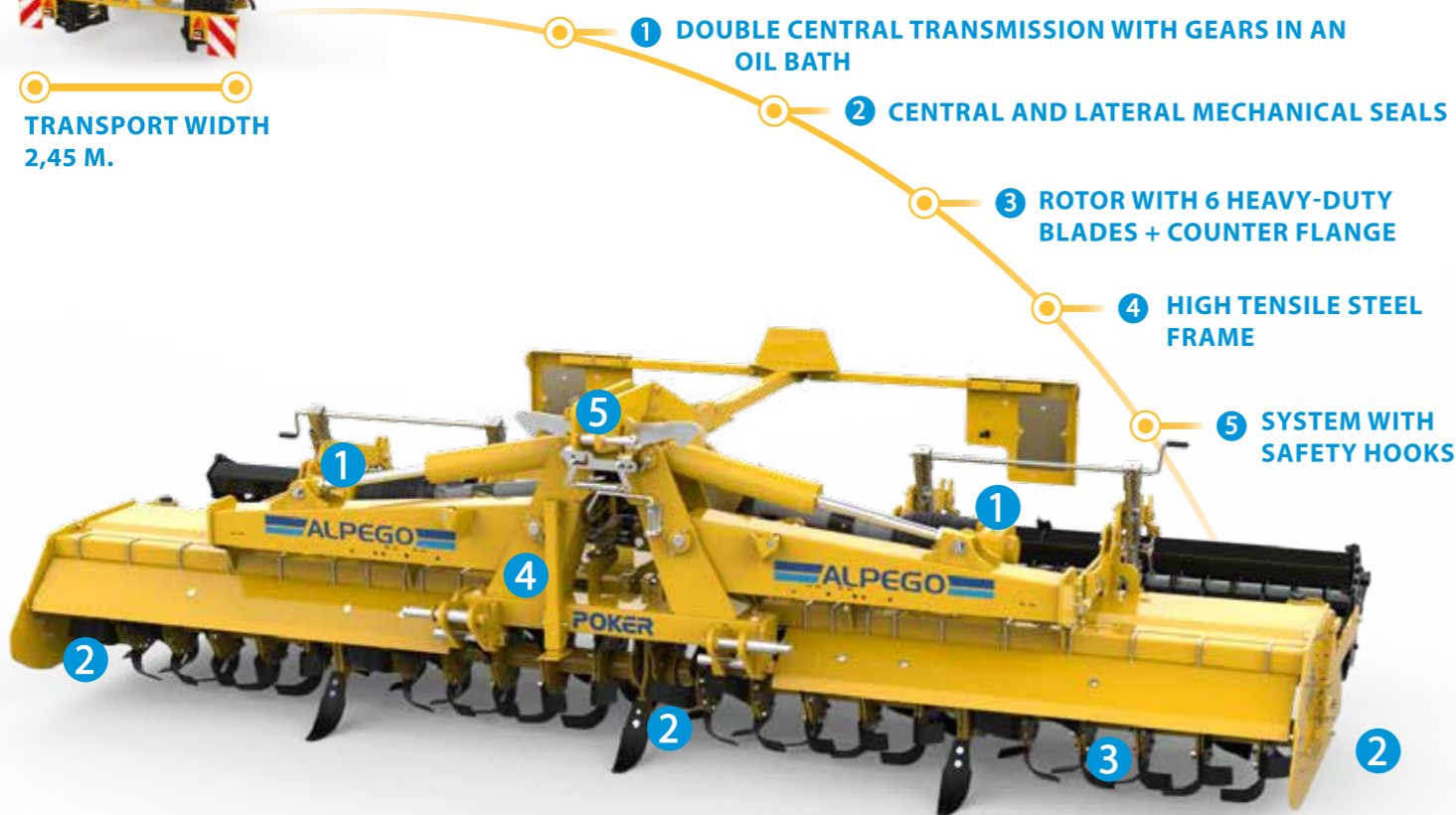
POKER foldable rotary tiller is equipped with a horizontal axis rotor for excellent soil crumbling and mixing of weeds and other crop residues, also suitable on difficult terrain. POKER is unique in its category thanks to its double gear-driven central transmission.



Foldable rotary tiller
for tractors up to 260 HP
and working width up to 5m



TRANSPORT WIDTH
2,45 M.



	POKER-360	POKER-400	POKER-460	POKER-500
Working width (mm)	3660	3995	4462	4940
Overall width (mm)	3720	4051	4525	4995
Transport width (mm)	2450	2450	2450	2450
Tractor power (HP)	140-260	150-260	160-260	170-260
Working depth (mm)	240	240	240	240
Rotors (n°)	16	16	20	20
Blades (n° rh + n° lh)	48+48	48+48	60+60	60+60
Weight with Packer roller (Kg)	2610	2680	2890	2970
Weight with Cage roller (Kg)	-	2450	2630	2840

N.B.: the weight includes the automatic cam clutch drive shaft

1 DOUBLE CENTRAL TRANSMISSION WITH GEARS IN AN OIL BATH

the whole range of Alpego rotary tillers is equipped with the exclusive and patented central gear transmission in oil bath. Designed and built by Alpego, the vertically arranged gears made of cast iron work constantly in contact with the moving soil, which allows a natural heat dispersion. There is also a gearbox to vary the rotor rotation speeds.

2 CENTRAL AND LATERAL MECHANICAL SEALS

Mechanical seals in oil bath to ensure maximum transmission protection even in extreme conditions.

3 ROTOR WITH 6 HEAVY-DUTY BLADES + COUNTER FLANGE

The counter flange, combined with the reinforced hoes, doubles the strength and durability of the rotor.

4 HIGH TENSILE STEEL FRAME

Frame made of high quality steel to ensure maximum resistance.

5 HYDRAULIC UNLOCKING SYSTEM WITH SAFETY HOOKS

Automatic hydraulic release of safety hooks during machine opening.

6 GEARBOX

Double central driveline with cascade gears in an oil bath, with exclusive gearbox unique in the market.

7 DOUBLE SAFETY SYSTEM ON LATERAL GEARBOXES

The rotary tiller is equipped with 2 lateral drive shafts to avoid overloads during use.

8 REAR HOOD WITH CRANK

Frame and «S» shaped rear hood with new absorption systems and a central crank for easy adjustment.

9 FLOATING ROLLER MOUNTED ON PARALLELOGRAM

With this system the roller always maintains the same inclination.

EQUIPMENT

Linkage cat. 3 and 4N / Gearbox 1000 rpm (rpm 274) / Central drive shaft PDF 1" 3/8 Z=6 / 3-gearbox transmission / Headlights board and rear plates / Central track eraser.

The choice of accessory

The right accessory for every situation



TRACK ERASER KIT



KIT MOUNTING BROADCAST SEED DRILLS



REAR HOOD SIDE EXTENSIONS



HYDRAULIC DEPTH ADJUSTMENT



HYDRAULIC LINKAGE FOR SEED-DRILL



KIT REAR PTO



KIT SKIDS



KIT FRONT CONVEYOR DISCS



FRONT COUPLING KIT

Accessories and rollers	FB	FG	FZ	FG BIO	LG/ KG	LZ/ KZ	IG	IZ	MX	POKER	POKER INVERSA
Track eraser kit											
Kit mounting broadcast seed drills											
Rear hood side extensions											
Hydraulic depth adjustment											
Hydraulic linkage for seed-drill											
Kit rear pto											
Kit skids											
Kit front conveyor discs											
Front coupling kit											
Packer roller											
Cage roller											
Spiral roller											
Spike roller											
Smooth roller											

Optional Standard Not available

The choice of the roller

For a perfect soil tillage



PACKER ROLLER

The PACKER roller has a tubular structure with a large diameter: this makes it very sturdy and particularly suited for the combinations with seed drills. Several rows of tines guarantee the traction on the ground and a series of adjustable brushes keeps each of them clean. The result is a compact surface, perfect for sowing. (ø 480 mm, 520 mm e 570 mm)



CAGE ROLLER

CAGE roller is the ideal roller for working dry, medium density soils. The roller is equipped with a rod structure that guarantees optimal reconsolidation. (ø 420 mm and 500 mm)



SPIRAL ROLLER

The SPIRAL roller creates a soft and uniform seeding surface and is suitable for medium and light soils. (ø 450 mm and 520 mm)



SPIKE ROLLER

The SPIKE roller is very versatile, it works well even when the soil is wet and compacted. (ø 480 mm and 560 mm)



SMOOTH ROLLER

This type of roller is used to make the seedbed compact and flat.

FOLDABLE POWER HARROWS

120 - 500 HP



RIGID POWER HARROWS

35 - 320 HP



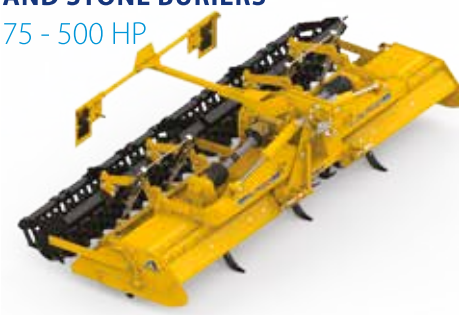
SUBSOILERS

75 - 500 HP



ROTARY TILLERS AND STONE BURIERS

75 - 500 HP



SEED-DRILLS

75 - 320 HP



FRONT HOPPERS

120 - 500 HP



CULTIVATORS

120 - 300 HP



FLAIL MOWERS

40-220 HP

