

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.



“
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.
”

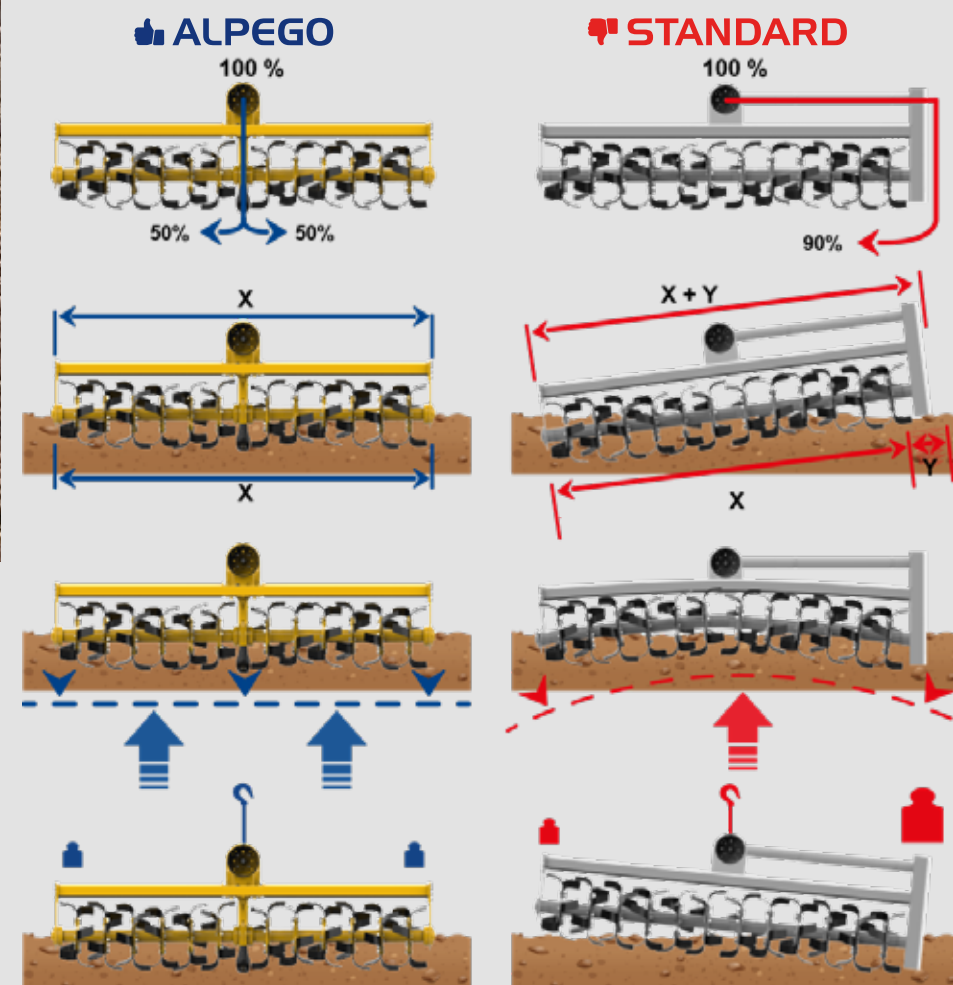
Luciano Pegoraro
Ceo



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



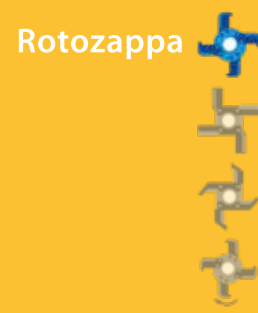
POKER - POKER INVERSA

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





Rotary tiller with blades rotor for tractors up to 170 HP and working width up to 3m



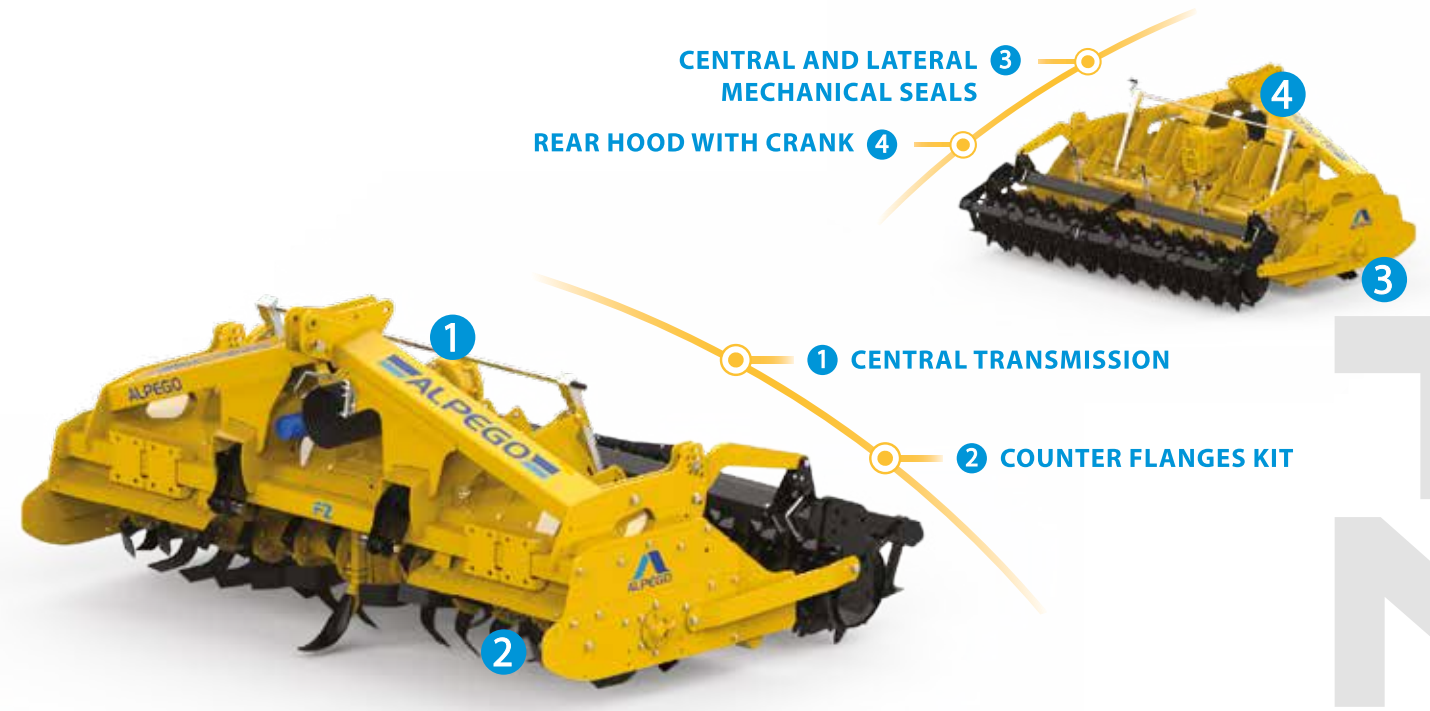
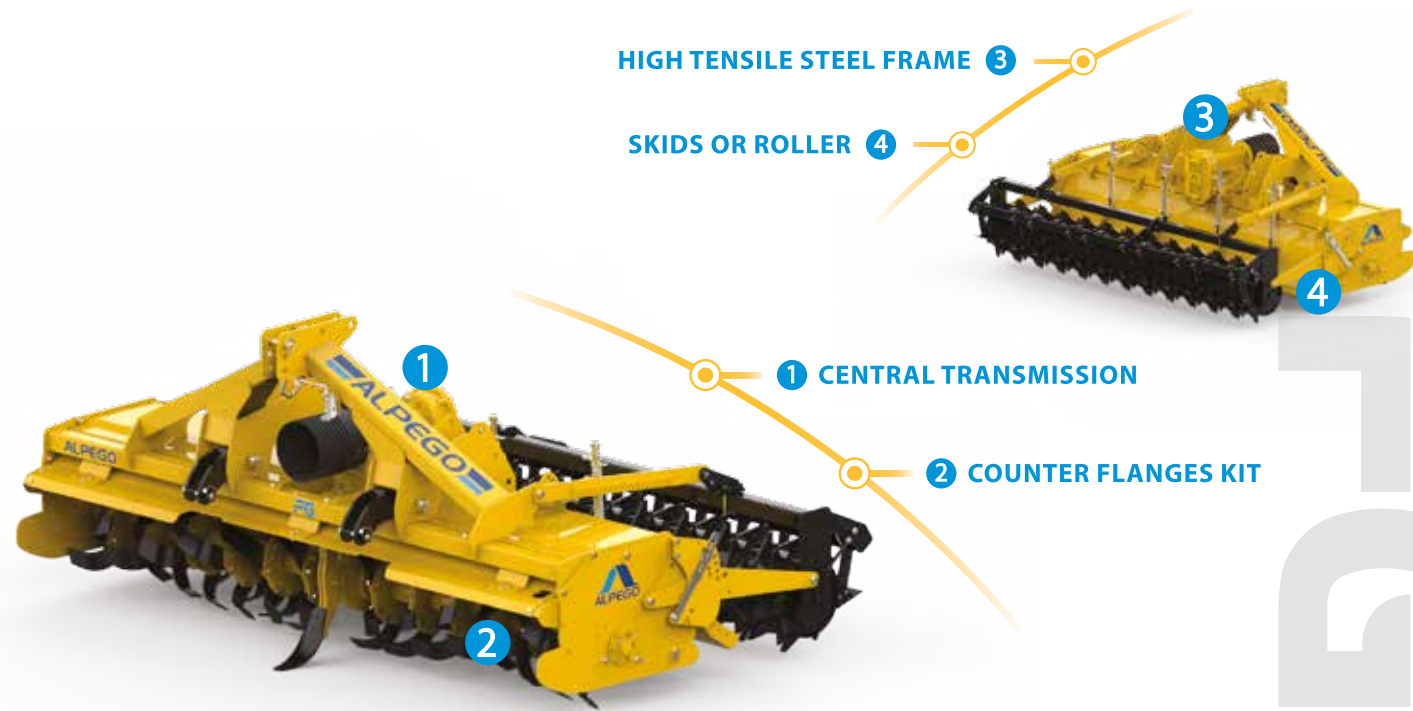
FG rotary tiller with a horizontal axis for the best tillage of the soil and the mixing of weeds and crop residues in all types of soils. Unique in its category thanks to the central gear transmission.



Rotary tiller with blades rotor for tractors up to 280 HP and working width up to 4m



FZ rotary tiller with a horizontal axis for the best tillage of the soil, the mixing of weeds and crop residues even in very difficult soils. Unique in its category thanks to the central gear transmission.



	FG-250	FG-300
Working width (mm)	2440	2910
Transport width (mm)	2515	3000
Tractor power (HP)	90-170	100-170
Working depth (mm)	240	240
Rotors (n°)	10	12
Blades (n° rh + n° lh)	30+30	36+36
Weight with skids (Kg)	975	1025
Weight with Packer roller (Kg)	1295	1410
Weight with Cage roller (Kg)	1165	1235
Weight with Spiral roller (Kg)	1195	1270
Weight with Spike roller (Kg)	1170	1250

N.B.: the weight includes the slip clutch drive shaft

	FZ-300	FZ-360	FZ-400
Working width (mm)	2930	3635	4020
Transport width (mm)	3015	3719	4104
Tractor power (HP)	140-280	150-280	160-280
Working depth (mm)	250	250	250
Rotors (n°)	12	14	16
Blades (n° rh + n° lh)	33+33	42+42	48+48
Weight with skids (Kg)	1520	1660	1810
Weight with Packer roller (Kg)	1875	2150	2350
Weight with Cage roller (Kg)	1705	-	2080
Weight with Spiral roller (Kg)	1730	-	2130
Weight with Spike roller (Kg)	1750	-	2105

N.B.: the weight includes the slip clutch drive shaft

1 CENTRAL TRANSMISSION

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 COUNTER FLANGES KIT

The counter flange doubles the strength of the rotor flanges and blades, increasing their strength and durability.

3 HIGH TENSILE STEEL FRAME

The Alpego frame, instead of being screwed, is welded and guarantees further resistance to workloads reducing the possibility of breakage in difficult conditions.

4 SKIDS OR ROLLER

The rotary tiller can be equipped with one of the 4 available rollers or with the lateral skids.

EQUIPMENT

Linkage cat. 2, oscillating / Gearbox 540 rpm / Slip clutch drive shaft (NOT AS STANDARD) / Central track eraser.

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3 CENTRAL AND LATERAL MECHANICAL SEALS

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

4 REAR HOOD WITH CRANK

S-shaped rounded shape shortened with new shock absorber systems and a central handle to facilitate the adjustment.

EQUIPMENT

Linkage cat. 3, oscillating / Gearbox 1000 rpm / Slip clutch or automatic cam clutch drive shaft (NOT AS STANDARD) / 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



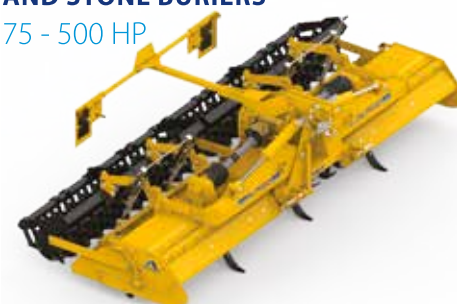
SUBSOILERS

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

