

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."

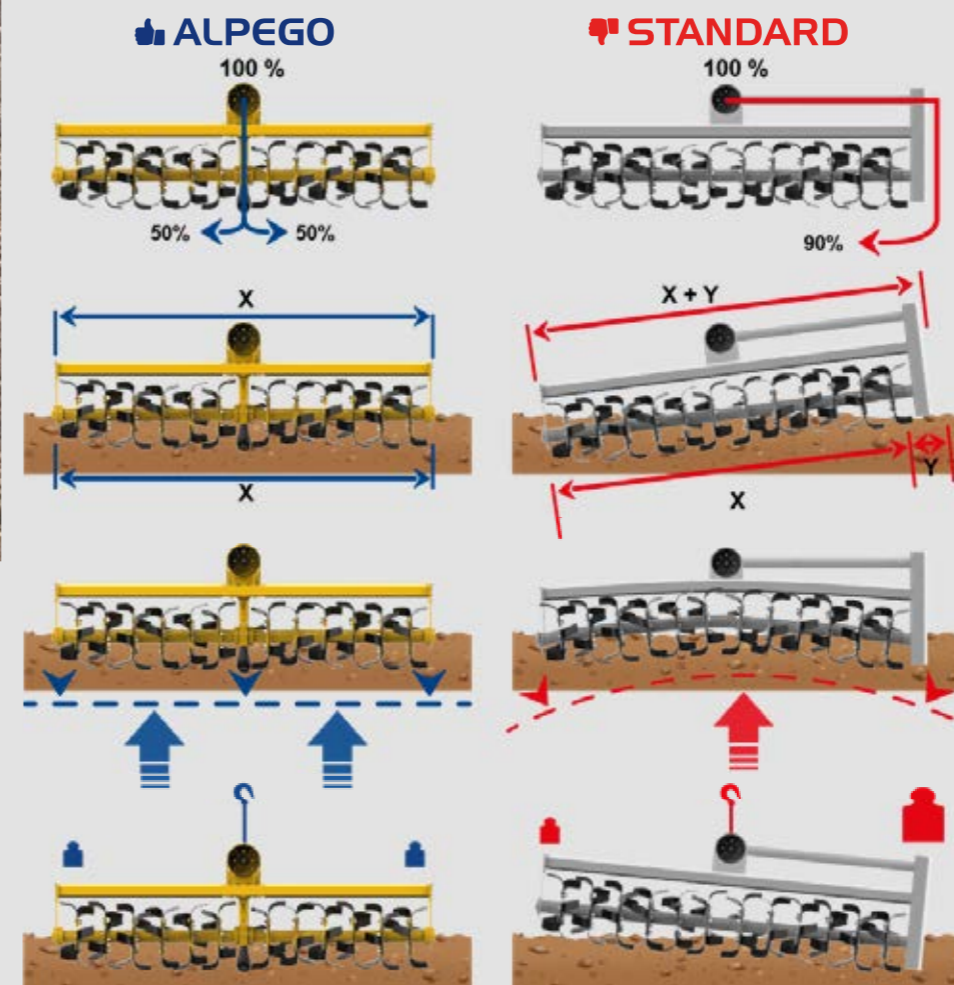
Luciano Pegoraro
Ceo



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



For each crop its rotor

The best tool in any situation

The ALPEGO range of rotary tillers offers unrivalled versatility. The wide choice of implements allows you to perform different types of soil tillage, cultivation techniques or incorporation of residues according to the needs of each farmer.

FB

Rotozappa



FB rotary tiller with a horizontal axis for the best tillage of the soil and the chopping of crop residues under different situations. Unique in its category thanks to the central gear transmission.

Rotary tiller with blades rotor for tractors up to 120 HP and working width up to 2.5m

ROTOZAPPA

Horizontal axis rotor, equipped with helicoidal blades for excellent shredding and burying of herbaceous and other crop residues, on all types of soil.



INVERSA

The reverse rotation of the rotor, equipped with helicoidal blades and combined with a sorting grid and a levelling bar, allows the soft and refined soil to be brought back to the surface.



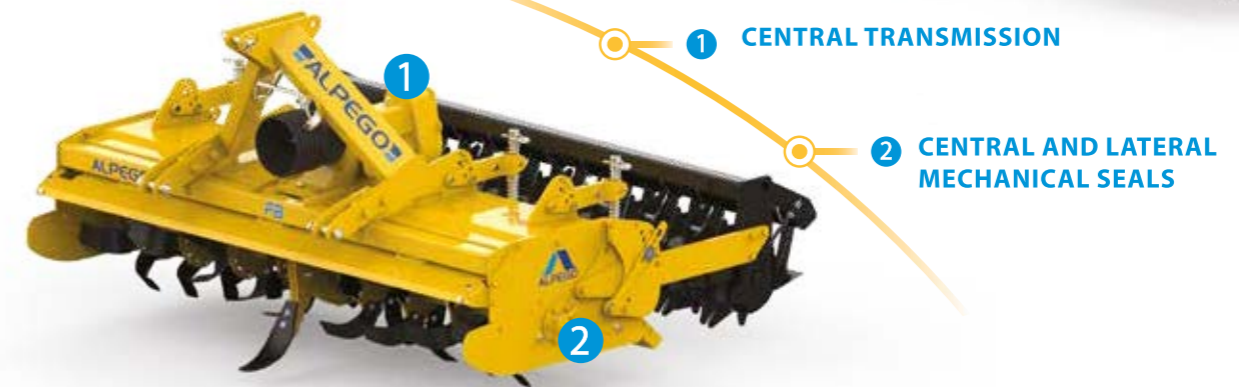
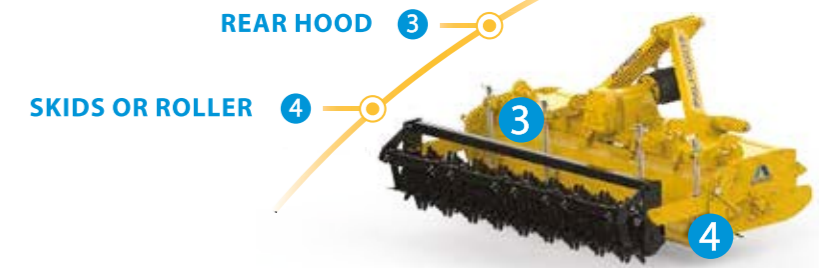
ROTOLAMA

Horizontal axis rotor, equipped with straight Rotolama blades for an excellent refinement of hard and dry soils previously worked.



ROTOPIK

Horizontal axis rotor, equipped with almost straight Rotopik blades, which work at the tip ensuring better aggression even on particularly difficult soils.



	FB-180	FB-205	FB-230	FB-250
Working width (mm)	1730	1910	2200	2440
Transport width (mm)	1830	2065	2290	2535
Tractor power (HP)	75-120	80-120	85-120	90-120
Working depth (mm)	220	220	220	220
Rotors (n°)	6	8	8	10
Blades (n° rh + n° lh)	18+18	24+24	24+24	30+30
Weight with skids (Kg)	570	615	650	700
Weight with Packer roller (Kg)	820	885	940	1005
Weight with Cage roller (Kg)	710	770	815	875
Weight with Spiral roller (Kg)	730	790	830	905
Weight with Spike roller (Kg)	710	770	825	880

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 CENTRAL AND LATERAL MECHANICAL SEALS

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

3 REAR HOOD

Convex "S" shape with new shock-absorbing systems with four elastic arms.

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 / Gearbox 540 rpm / Slip clutch drive shaft / Central track eraser








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

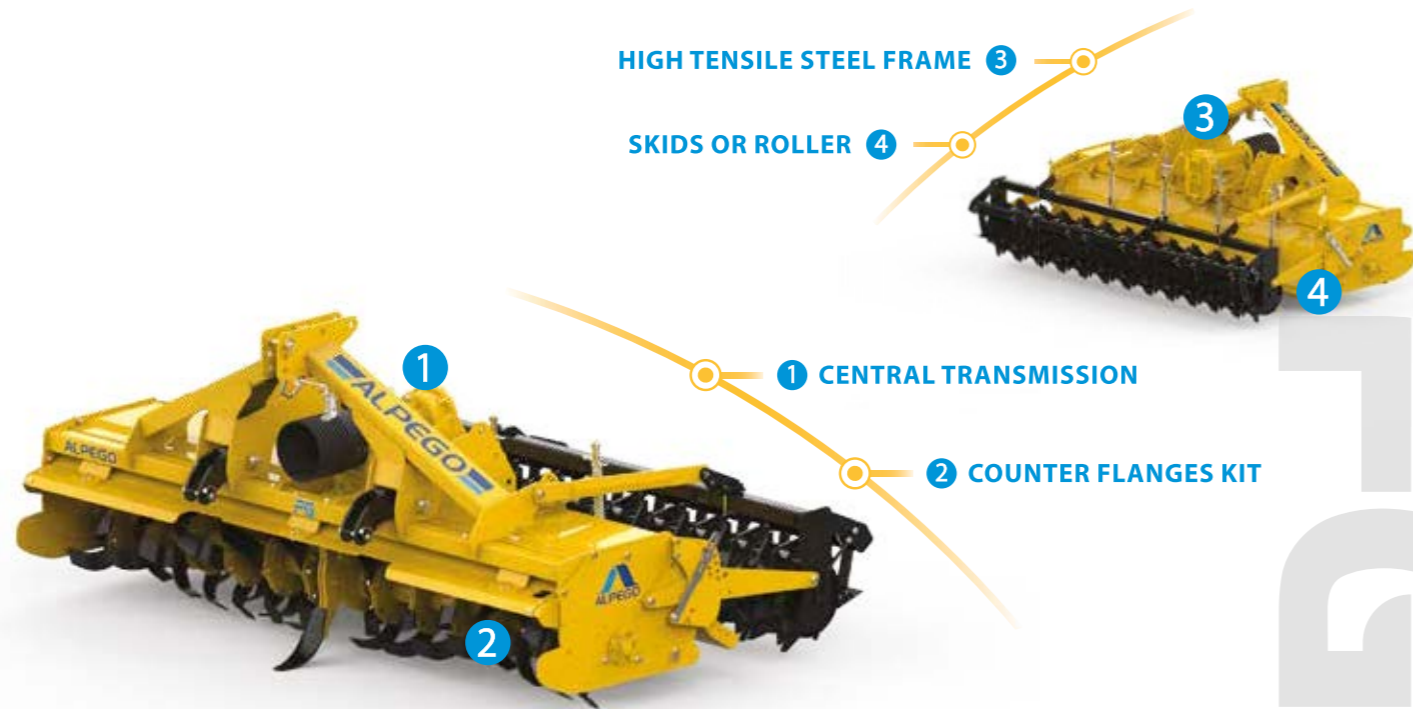
Rotozappa  FG rotary tiller with a horizontal axis for the best tillage of the soil and the mixing of weeds and crop residues in all types of soils. Unique in its category thanks to the central gear transmission.



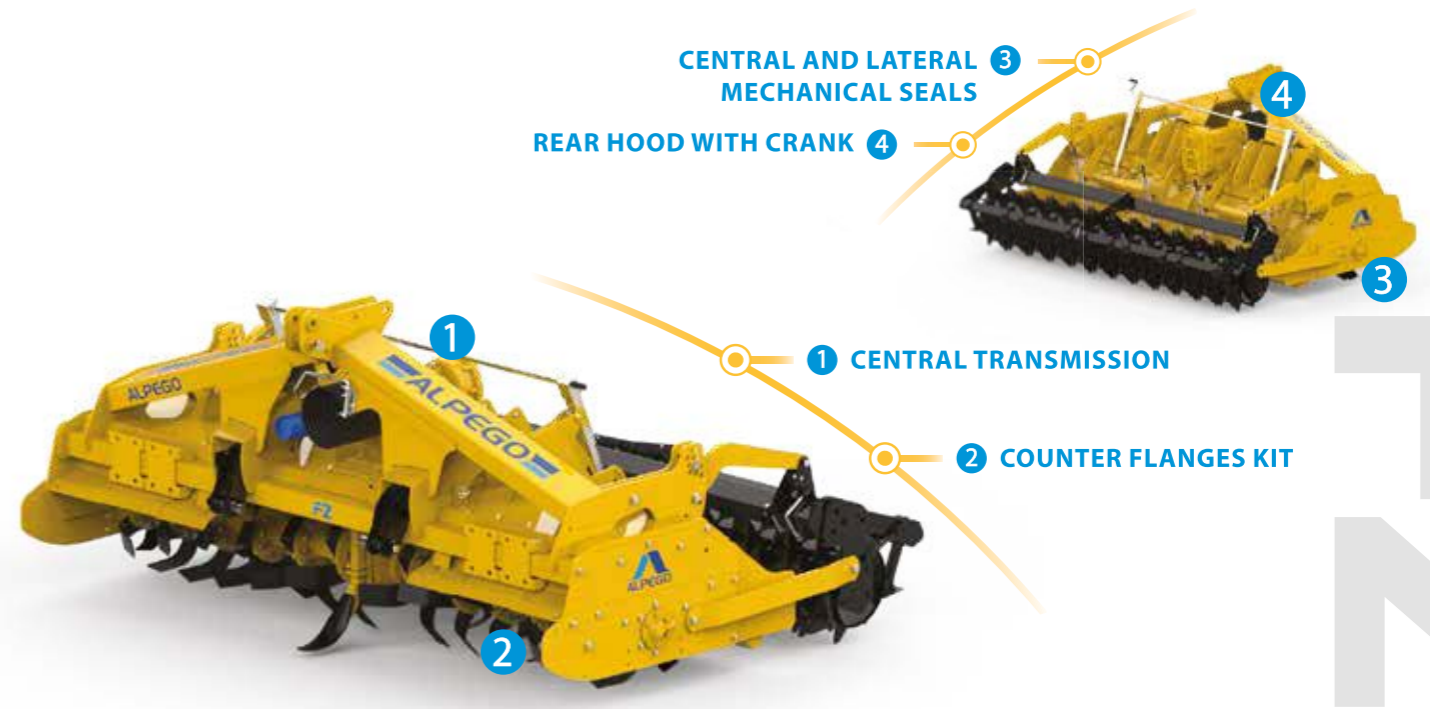
Rotary tiller with blades rotor for tractors up to 280 HP and working width up to 4m

Rotozappa  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.

HIGH TENSILE STEEL FRAME  **SKIDS OR ROLLER**  **CENTRAL TRANSMISSION**  **COUNTER FLANGES KIT** 



CENTRAL AND LATERAL MECHANICAL SEALS  **REAR HOOD WITH CRANK**  **CENTRAL TRANSMISSION**  **COUNTER FLANGES KIT** 



	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.

1 CENTRAL TRANSMISSION
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2 COUNTER FLANGES KIT
The counter flange doubles the strength of the rotor flanges and blades, increasing their strength and durability.

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.

FG-BIO

Rotozappa

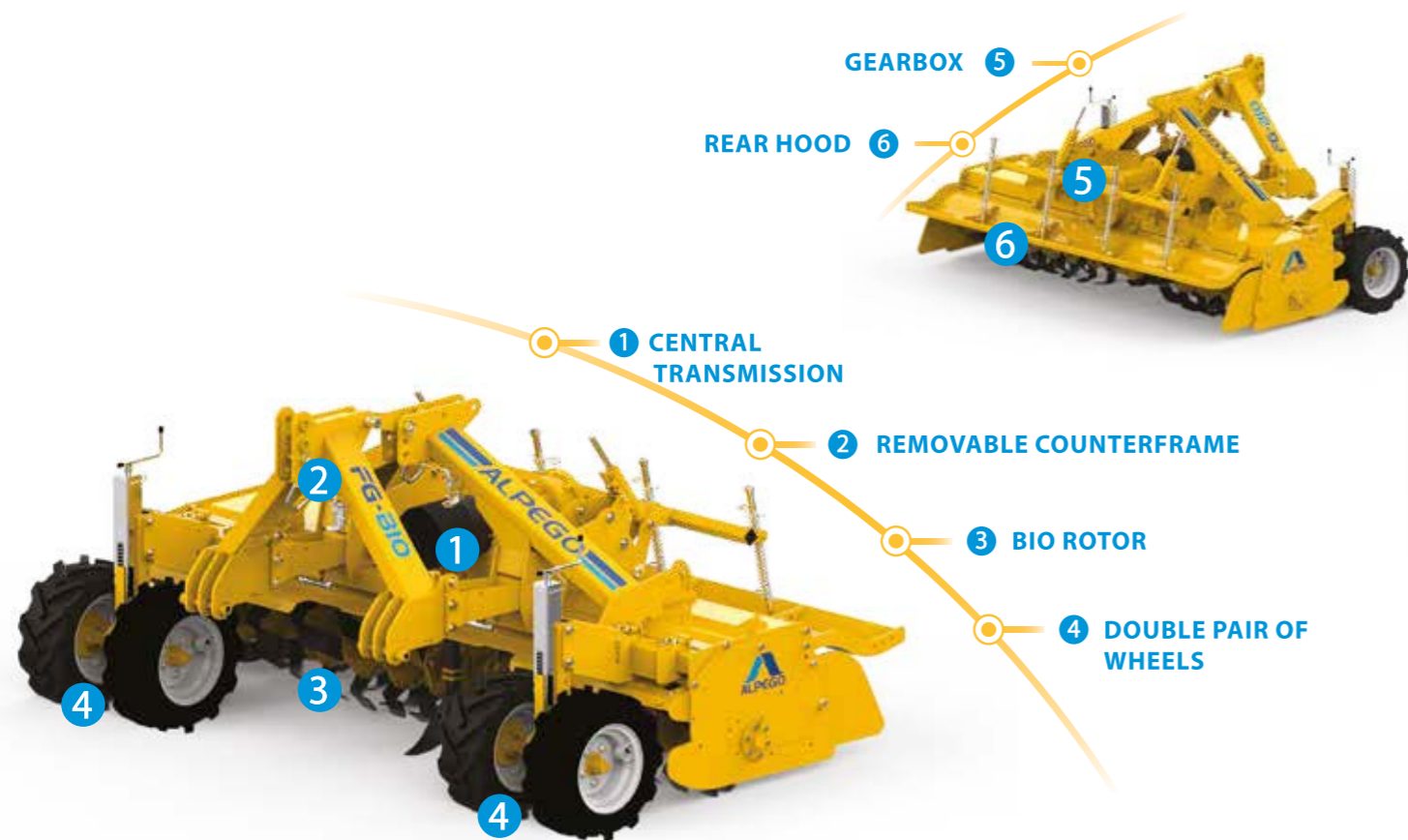


Based on a well-established FG rotary tiller, we have created the BIO variant which allows to reduce erosion and soil compaction. Furthermore, by working more superficially, it allows to increase the working speed. Unique in its category thanks to central gear transmission.

Rotary tiller with blades rotor for tractors up to 180 HP and working width up to 3m

BIO

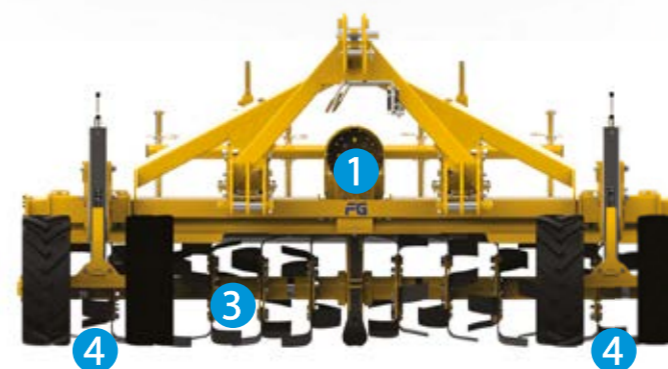
Rotor with squared blades suitably inclined to reduce the impact with the soil and obtain an excellent mixing of the organic material.



- 1 CENTRAL TRANSMISSION
- 2 REMOVABLE COUNTERFRAME
- 3 BIO ROTOR
- 4 DOUBLE PAIR OF WHEELS
- 5 GEARBOX
- 6 REAR HOOD

	FG BIO-250	FG BIO-300
Working width (mm)	2440	2910
Transport width (mm)	2515	3000
Tractor power (HP)	90-180	100-180
Working depth (mm)	100	100
Rotors (n°)	10	12
Blades (n° rh + n° lh)	30+30	36+36
Weight (Kg)	1335	1415

NB: the weight includes the automatic cam clutch drive shaft



1 CENTRAL TRANSMISSION

The machine maintains all the characteristics of the FG rotary tiller with central transmission entirely designed and manufactured by Alpego.

2 REMOVABLE COUNTERFRAME

The central frame can be removed for maximum flexibility of use of the rotary tiller, between normal and BIO. 3-point hitch: 2° and 3° cat.

3 BIO ROTOR

Rotor with square blades suitably inclined to reduce the impact with the soil and obtain an excellent mixing of the organic material. The rotor is mounted on 4 supports in an oil bath with waterproof central and lateral seals. It has a reinforcing counter-flange kit as standard.

4 DOUBLE PAIR OF WHEELS

The pneumatic wheels, with millimetric adjustment, regulate the working depth from 3 to 9cm. (Tires: 23x10.5-12 8 PR)

5 GEARBOX

The gearbox has been designed for higher speeds, among the highest in its category. Standard at 320 rpm and optional up to 400 rpm. It can also be returned to the initial standard speed.

6 REAR HOOD

The reinforced hood can be adjusted manually or hydraulically to obtain the desired mulch bed. It also has 4 elastic arms to reduce shocks and vibrations.

EQUIPMENT

Extended frame with linkage cat. 2 and 3 / Speed change for PTO at 1000 rpm / Automatic cam clutch drive shaft (NOT AS STANDARD) / Rotor BIO with 6 squared blades and reinforcing counterflanges / Rear hood adjustment with hydraulic control / Pair of pneumatic wheels / Extended lateral plates.



Rotolama



LG rotary tiller with a horizontal rotor equipped with straight Rotolama blades for the best tillage of previously ploughed very hard and dry soils. Unique in its category thanks to the central gear transmission.

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

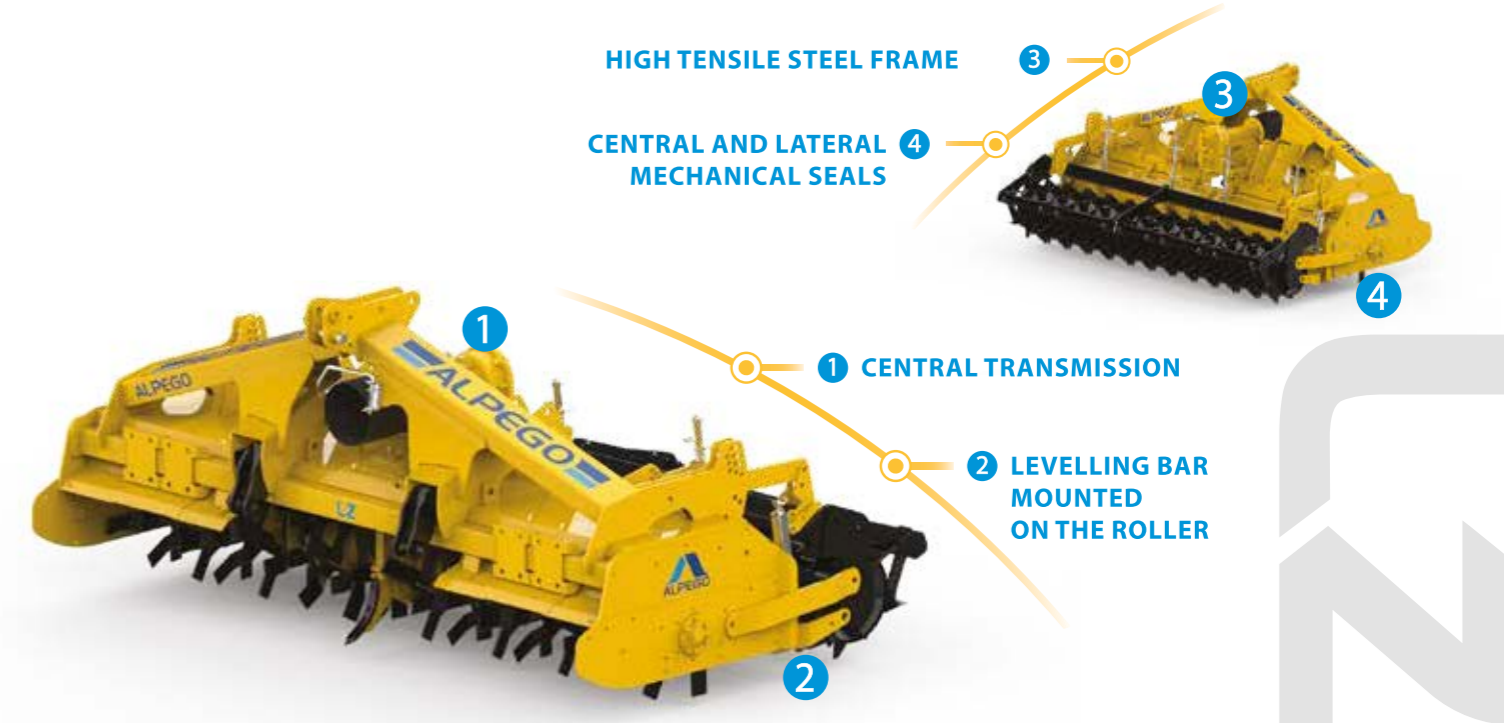
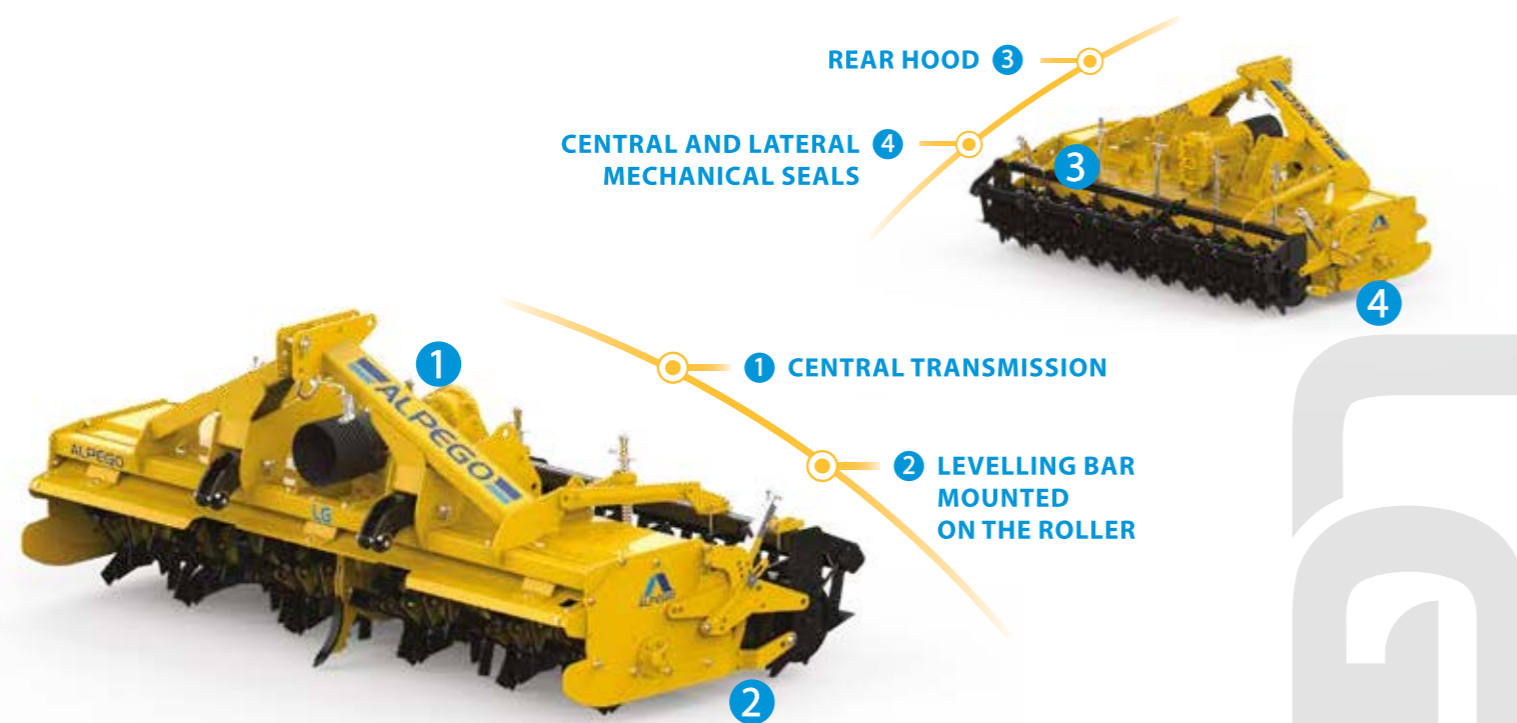


Rotolama



LZ rotary tiller with a horizontal rotor equipped with straight Rotolama blades for the best tillage of previously ploughed very hard and dry 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



	LG-250	LG-300
Working width (mm)	2440	2910
Transport width (mm)	2550	3020
Tractor power (HP)	85-170	95-170
Working depth (mm)	240	240
Rotors (n°)	20	24
Blades (n° rh + n° lh)	40+40	48+48
Weight with Packer roller (Kg)	1300	1435
Weight with Cage roller (Kg)	1170	1260
Weight with Spiral roller (Kg)	1200	1295
Weight with Spike roller (Kg)	1175	1275

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

	LZ-300	LZ-400
Working width (mm)	2930	4020
Transport width (mm)	3015	4104
Tractor power (HP)	140-280	160-280
Working depth (mm)	250	250
Rotors (n°)	22	32
Blades (n° rh + n° lh)	44+44	64+64
Weight with Packer roller (Kg)	1880	2370
Weight with Cage roller (Kg)	1685	2100
Weight with Spiral roller (Kg)	1710	2150
Weight with Spike roller (Kg)	1730	2125

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 LEVELLING BAR MOUNTED ON THE ROLLER

The levelling bar is mounted directly on the roller, improving the leveling quality.

3 REAR HOOD

S-shaped rounded shape shortened to make room for the levelling bar and ensure optimal soil flow.

4 CENTRAL AND LATERAL MECHANICAL SEALS

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

EQUIPMENT

Linkage cat. 2, oscillating / Gearbox 1000 rpm / Slip clutch drive shaft (NOT AS STANDARD) / Central track eraser.

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2 LEVELLING BAR MOUNTED ON THE ROLLER

The levelling bar is mounted directly on the roller, improving the leveling quality.

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 CENTRAL AND LATERAL MECHANICAL SEALS

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

EQUIPMENT

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

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

Rotopik



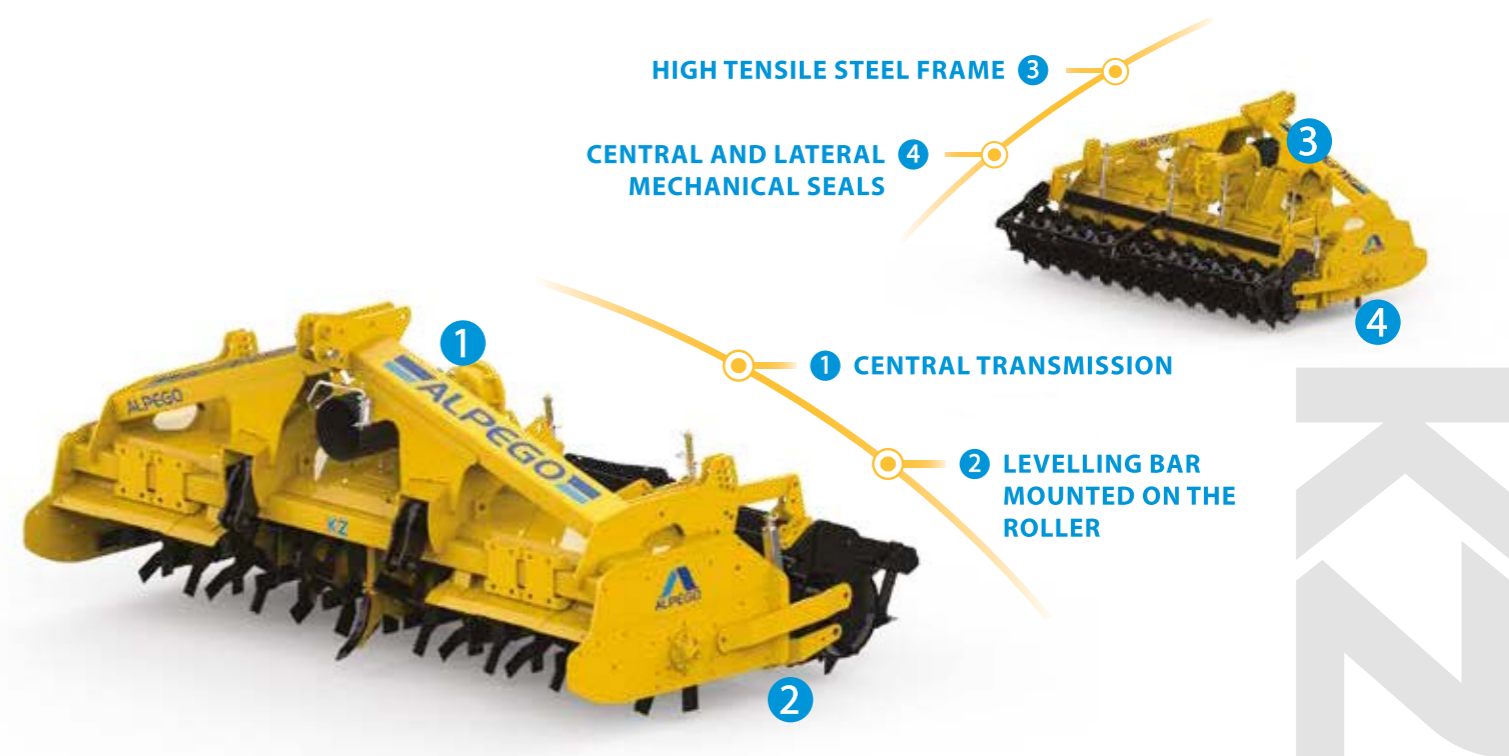
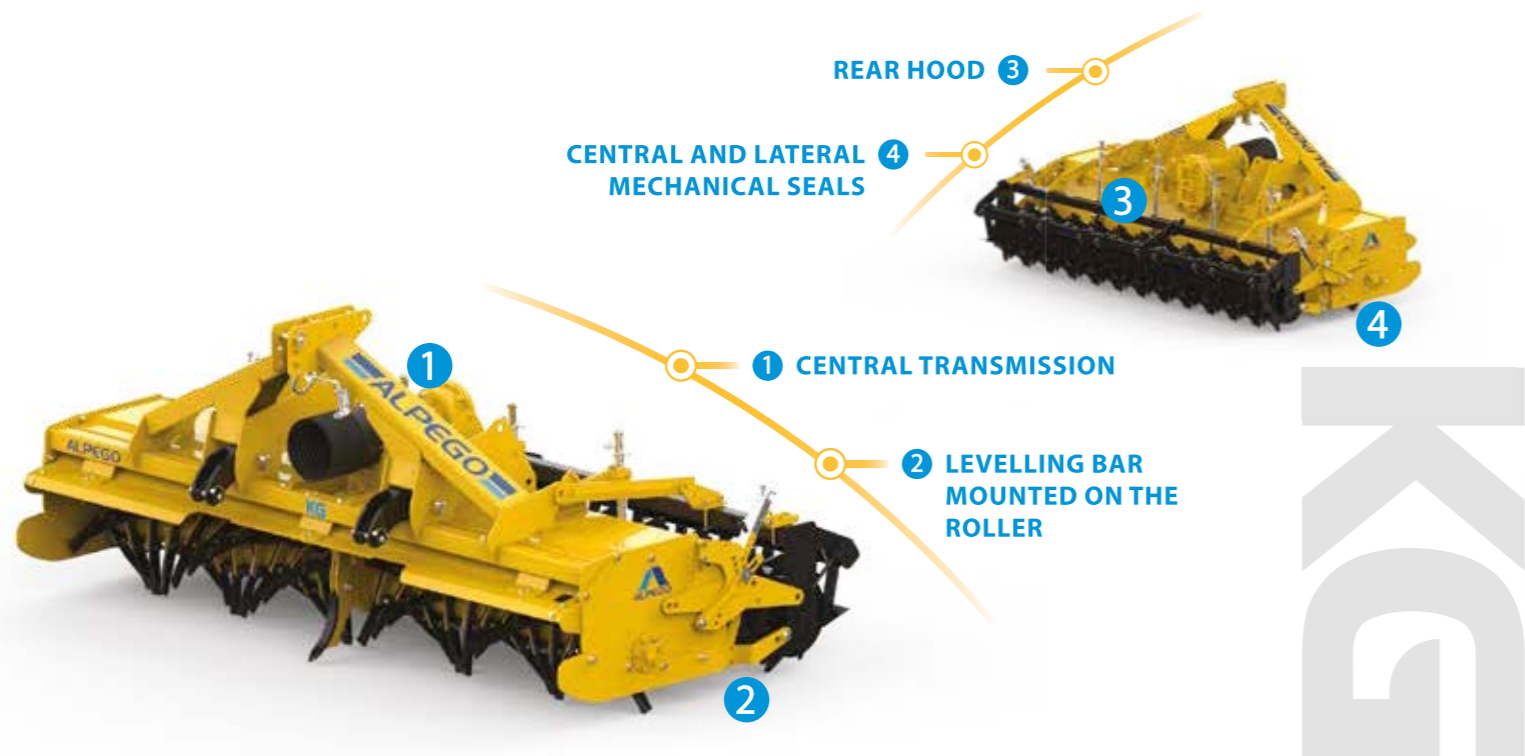
KG rotary tiller with a horizontal rotor equipped with almost straight Rotopik blades, which work on their tip for a better penetration of particularly difficult soils. Unique in its category thanks to the central gear transmission.

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

Rotopik



KZ rotary tiller with a horizontal rotor equipped with almost straight Rotopik blades, which work on their tip for a better penetration of particularly difficult soils. Unique in its category thanks to the central gear transmission.



	KG-250	KG-300
Working width (mm)	2440	2910
Transport width (mm)	2550	3020
Tractor power (HP)	85-170	95-170
Working depth (mm)	240	240
Rotors (n°)	20	24
Blades (n° rh + n° lh)	40+40	48+48
Weight with Packer roller (Kg)	1300	1415
Weight with Cage roller (Kg)	1170	1240
Weight with Spiral roller (Kg)	1200	1275
Weight with Spike roller (Kg)	1175	1255

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

	KZ-300	KZ-400
Working width (mm)	2930	4020
Transport width (mm)	3015	4104
Tractor power (HP)	140-280	160-280
Working depth (mm)	250	250
Rotors (n°)	22	32
Blades (n° rh + n° lh)	44+44	64+64
Weight with Packer roller (Kg)	1950	2370
Weight with Cage roller (Kg)	1755	2100
Weight with Spiral roller (Kg)	1780	2150
Weight with Spike roller (Kg)	1800	2125

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 LEVELLING BAR MOUNTED ON THE ROLLER

The levelling bar is mounted directly on the roller, improving the leveling quality.

3 REAR HOOD

S-shaped rounded shape shortened to make room for the levelling bar and ensure optimal soil flow.

4 CENTRAL AND LATERAL MECHANICAL SEALS

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

EQUIPMENT

Linkage cat. 2, oscillating / Gearbox 1000 rpm / Slip clutch drive shaft (NON DI SERIE) / Central track eraser.

1 CENTRAL TRANSMISSION

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2 LEVELLING BAR MOUNTED ON THE ROLLER

The levelling bar is mounted directly on the roller, improving the leveling quality.

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 CENTRAL AND LATERAL MECHANICAL SEALS

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

EQUIPMENT

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

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.



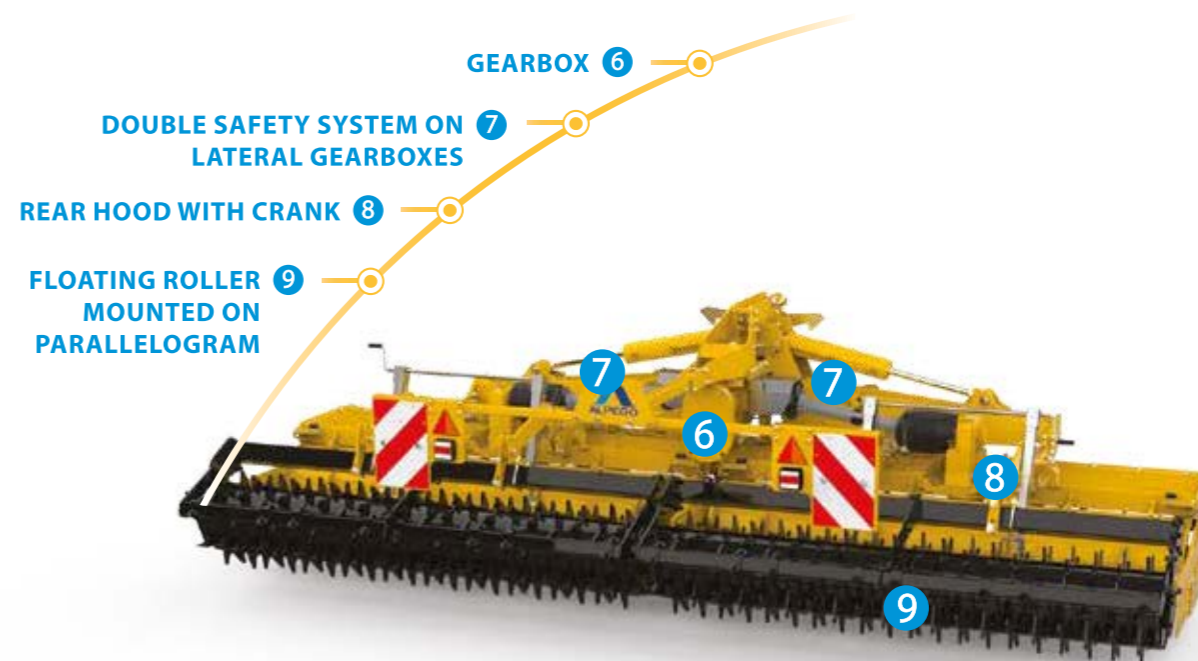
1 DOUBLE CENTRAL TRANSMISSION WITH GEARS IN AN OIL BATH

2 CENTRAL AND LATERAL MECHANICAL SEALS

3 ROTOR WITH 6 HEAVY-DUTY BLADES + COUNTER FLANGE

4 HIGH TENSILE STEEL FRAME

5 SYSTEM WITH SAFETY HOOKS



6 GEARBOX

7 DOUBLE SAFETY SYSTEM ON LATERAL GEARBOXES

8 REAR HOOD WITH CRANK

9 FLOATING ROLLER MOUNTED ON PARALLELOGRAM

	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.

INVERSA

System

Rotary tiller Inversa IZ

Design and technique at the highest levels

These machines work the soil and bury stones, clods and crop residues with great efficacy even in areas not previously worked and with particularly hard soils.

The reverse rotation of the rotor combined with a sorting grid that blocks the stones and a levelling bar, allows to bring soft soil well-refined on the surface, facilitating subsequent mechanical sowing or transplanting operations. Ideal for both horticultural crops and open field work, they allow you to create well-structured seedbeds with excellent permeability that remain stable throughout the cultivation cycle.



A

B

TOP LAYER,
REFINED SOIL

A

B

LOWER LAYER,
STONES AND ROUGH
GROUND



REVERSE ROTATION ROTOR

Unique on the market thanks to the central transmission, the rotor of the "Inversa" series is optimized to be able to work even on particularly hard soils stony soils.

SORTING GRID AND LEVELLING BAR

The sorting grid is composed of 2 parallel rows of combs that block the stones raised by the rotor, filtering the refined soil which is thus deposited on the surface and levelled by the bar covering the stones.

SOIL STRATIFICATION

The work of the stone burier allows to generate two distinct layers of soil: the upper layer (A), soft and refined, which guarantees optimal conditions for subsequent sowing, and the lower stony layer (B), containing the buried stones.



Stone burier with blades rotor and reverse rotation for tractors up to 170 HP and working width up to 3m

Inversa



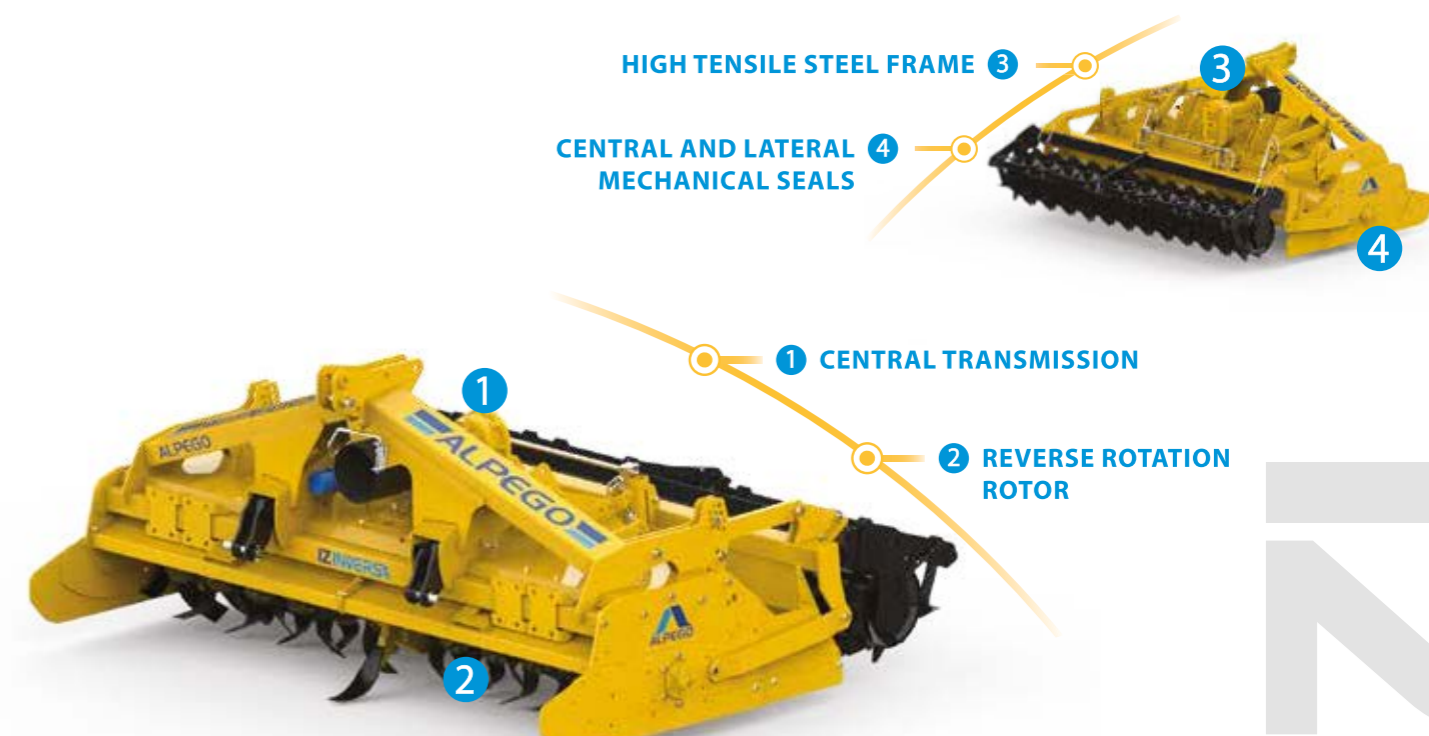
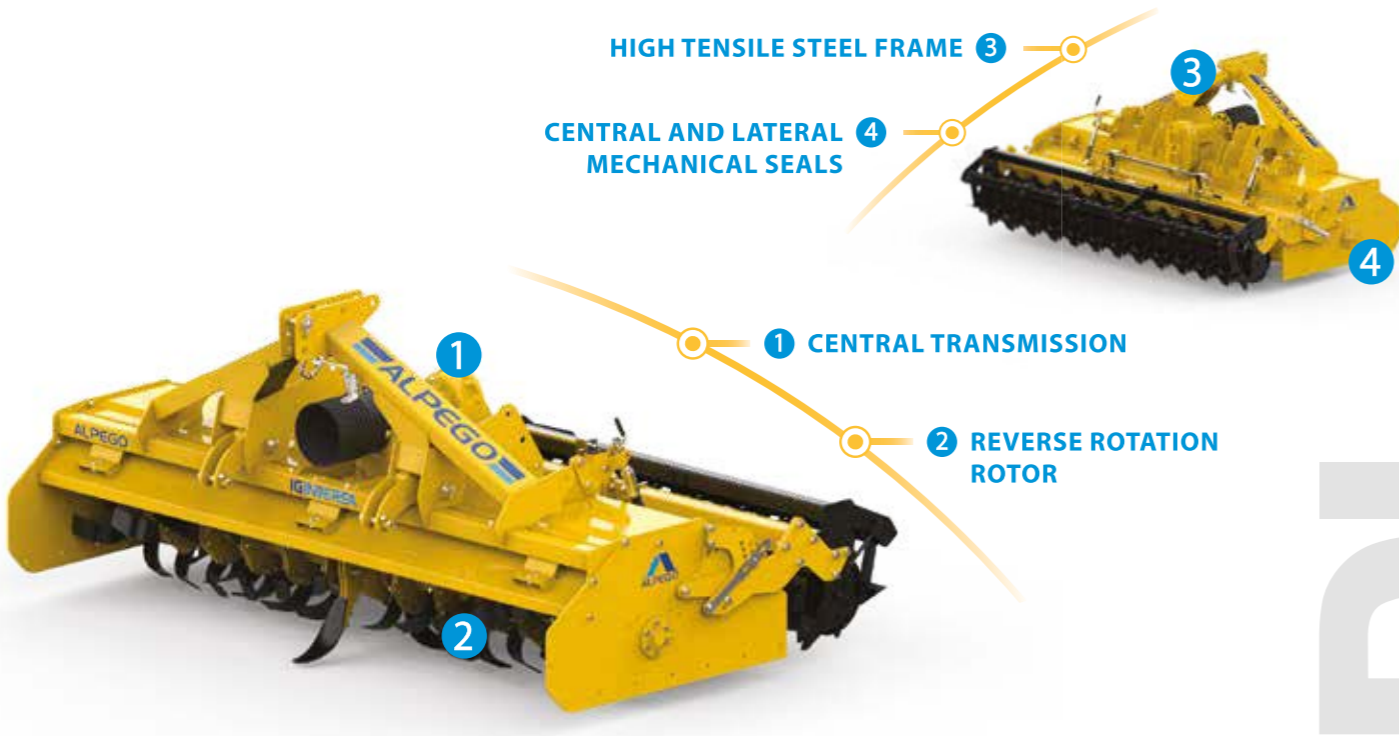
IG stone burier, specifically designed to bury rocks, clods, and residues in the most efficient way. It allows to bring back to the surface the lightest part of the soil allowing for an easier sowing. Unique with its central gear box of solid gears.

Stone burier with blades rotor and reverse rotation for tractors up to 280 HP and working width up to 4m

Inversa



IZ stone burier is ideal for burying stones, clods and crop residuals. It allows to leave the thinner soil on the surface making easier the following seeding processes. The Inversa is the only one of its category thanks to the Alpego patented central gearbox with solid gears.



	IG-250	IG-300
Working width (mm)	2440	2910
Transport width (mm)	2550	3020
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 Packer roller (Kg)	1350	1635
Weight with Cage roller (Kg)	1220	1460
Weight with Spiral roller (Kg)	1250	1495
Weight with Spike roller (Kg)	1225	1475

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

	IZ-300	IZ-360	IZ-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 Packer roller (Kg)	2150	2450	2570
Weight with Cage roller (Kg)	1955	-	2300
Weight with Spiral roller (Kg)	1980	-	2350
Weight with Spike roller (Kg)	2000	-	2325

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 REVERSE ROTATION ROTOR

Combined with a sorting grid and a levelling bar, it allows to bring the refined soil back to the surface.

3 HIGH TENSILE STEEL FRAME

Frame made of high quality steel to ensure maximum resistance.

4 CENTRAL AND LATERAL MECHANICAL SEALS

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

EQUIPMENT

Linkage cat. 2 / Gearbox 1000 rpm / Slip clutch or automatic cam clutch drive shaft (NOT AS STANDARD) / Central track eraser.

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EQUIPMENT

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

POKER

INVERSA

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

Inversa



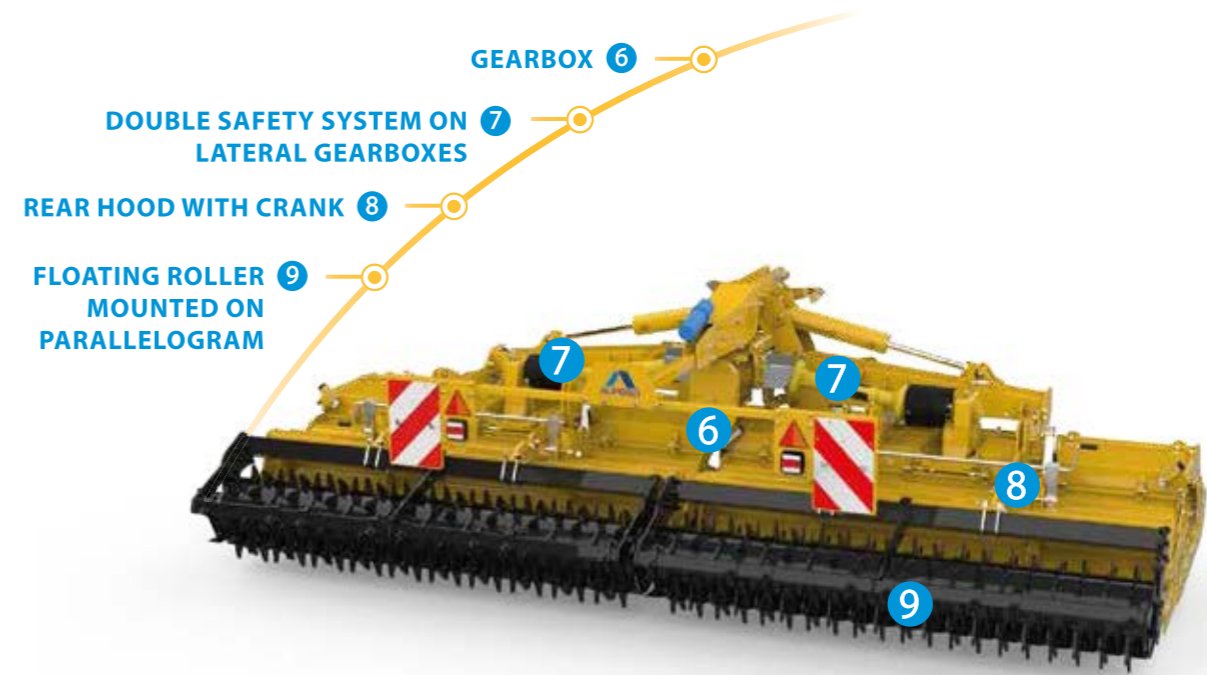
POKER INVERSA foldable rotary tiller is equipped with a reverse-rotation blade rotor, which is ideal for burying stones, clods and crop residues with great efficiency, allowing the refined soil to be brought to the surface. POKER is unique in its category thanks to its double central transmission with gears.



TRANSPORT WIDTH
2,45 M.



- 1 DOUBLE CENTRAL TRANSMISSION WITH GEARS IN AN OIL BATH
- 2 CENTRAL AND LATERAL MECHANICAL SEALS
- 3 REVERSE ROTATION ROTOR
- 4 HIGH TENSILE STEEL FRAME
- 5 SYSTEM WITH SAFETY HOOKS



- 6 GEARBOX
- 7 DOUBLE SAFETY SYSTEM ON LATERAL GEARBOXES
- 8 REAR HOOD WITH CRANK
- 9 FLOATING ROLLER MOUNTED ON PARALLELOGRAM

	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)	150-260	160-260	170-260	180-260
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)	2920	2990	3220	3340
Weight with Cage roller (Kg)	-	2760	2970	3210

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 **REVERSE ROTATION ROTOR**
Combined with a sorting grid and a levelling bar, it allows to bring the refined soil back to the surface.
- 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 235) / Central driveshaft PDF 1" 3/8 Z=6 / 3-gearbox transmission / Headlights board and rear plates / Central track eraser.

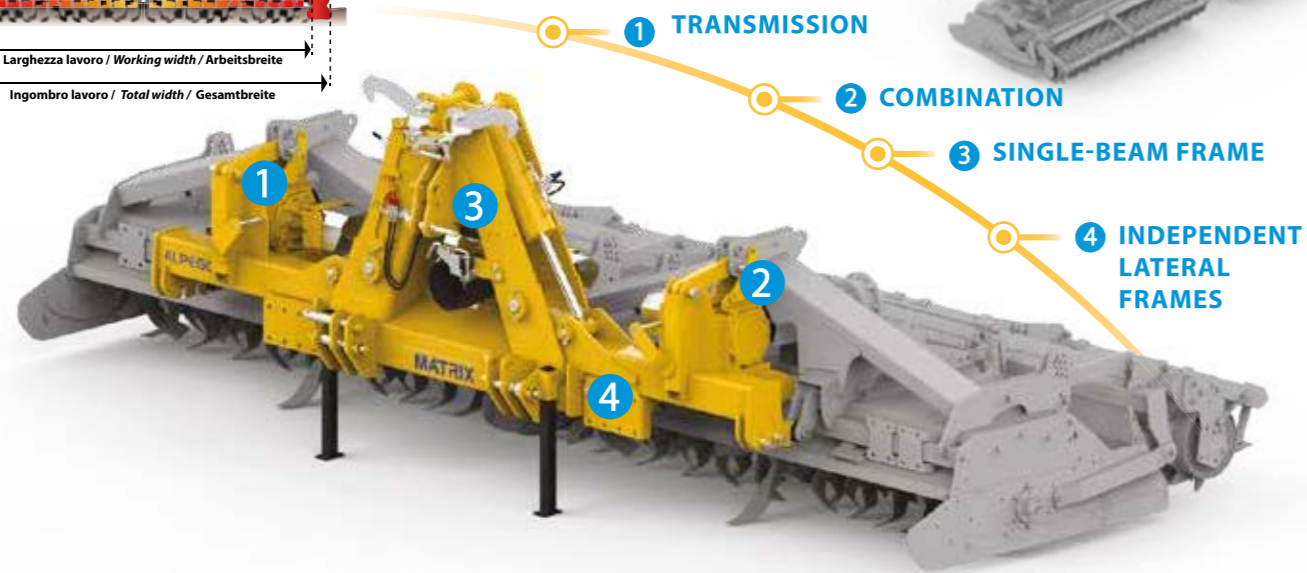
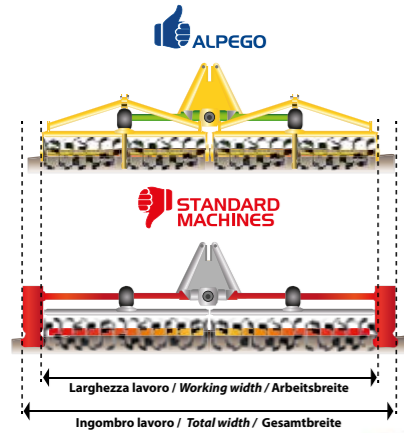
POKER

MATRIX



MATRIX system consists of a folding frame that allows two ALPEGO rotary tillers of the "Z" series to be joined together. Thanks to the central transmission on Alpego rotary tillers we do not have the hassle of the double lateral transmission of the normal folding rotary tillers on the market.

Modular system
for tractors up to 500 HP
and working widths up to 7 m



	MX-600	MX-700
Working width (mm)	5900	7300
Transport width (mm)	2880	2880
Tractor power (HP)	300-500	300-500
Weight with Rotozappa FZ with Packer roller (Kg)	5550	6205
Weight with Rotolama LZ with Packer roller (Kg)	5570	-
Weight with Rotopik KZ with Packer roller (Kg)	5710	-
Weight with Inversa IZ with Packer roller (Kg)	6110	6790

N.B.: Weight without roller

COMBINATIONS:



ROTOZAPPA
FZ 300-360

ROTOZAPPA
LZ 300

ROTOPIK
KZ 300

INVERSA
IZ 300-360

1 TRANSMISSION WITH DOUBLE ANGULAR COUNTERSHAFT

Transmission with double angular countershaft for high powers with self-aligning joints and registration system.

2 EASY RELEASE

The two single rotary tillers can be released for an independent use

3 SINGLE-BEAM FRAME

Main single-beam frame with hydraulic closure and safety lock for reduced transport dimensions on the road.

4 INDEPENDENT LATERAL FRAMES

Possibility of independent floating movement of the two machines.

5 COMBINATION

It can be combined directly with the 3-point hitch with rotary tillers FZ-300/360 | LZ-300 | KZ-300 | Inversa IZ-300/360

EQUIPMENT

Linkage cat.3, 4, 4 US and 4N US / 1000 rpm gearbox / Central gearbox at 1000 rpm with lateral drive shafts with automatic cam clutch / Special internal sides with exclusive track eraser.

MATRIX

Modular system MATRIX
with rotary tillers FZ 300



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



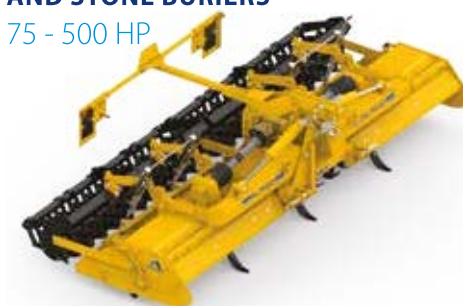
SUBSOILERS

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

