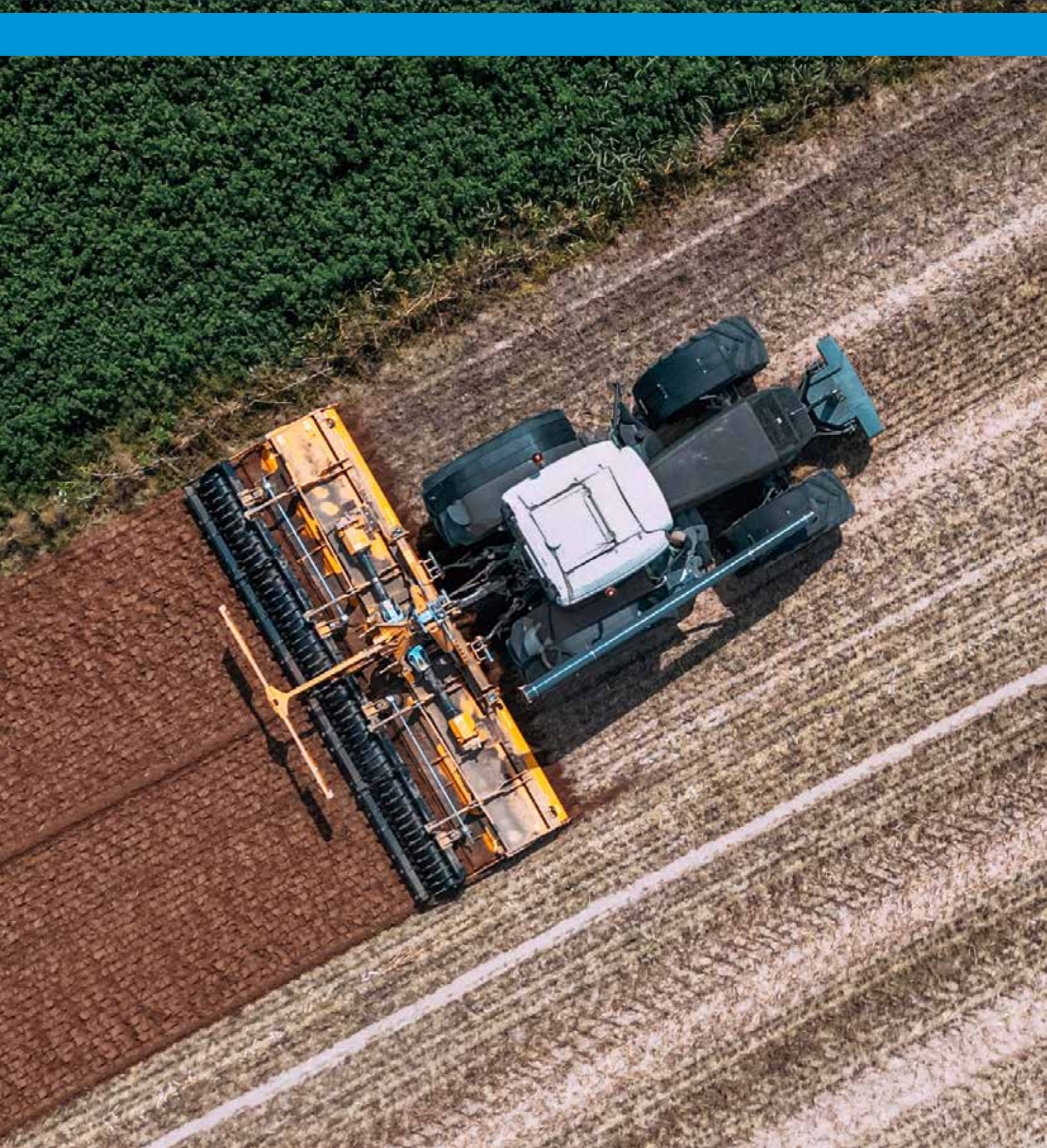


# FOLDABLE ROTARY TILLERS AND STONE BURIERS





### 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

Exclusive and patented for the entire range

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.



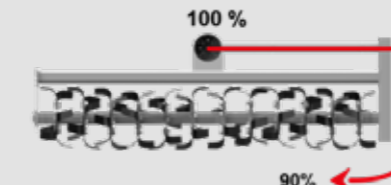
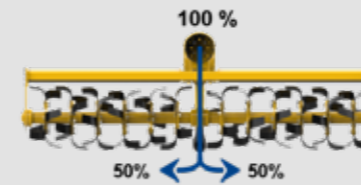
*"I started designing rotary tillers more than 40 years ago and have always seen lateral transmission as a limit. I therefore created the Alpego central transmission which was an alternative and revolutionary solution."*

Luciano Pegoraro  
Founder

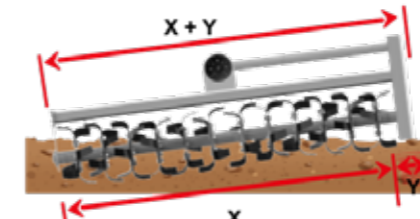
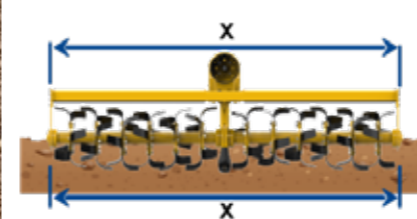


ALPEGO

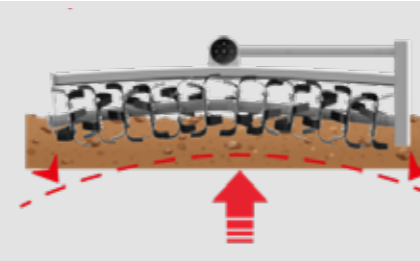
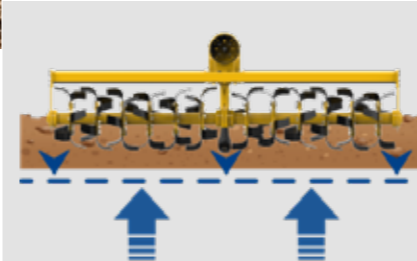
STANDARD



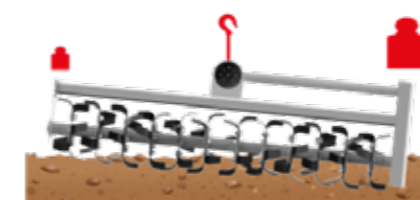
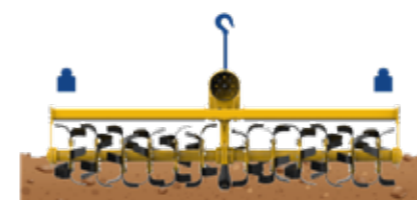
In the ALPEGO solution, the rotary power is equally transmitted from the center of the machine to 2 semi-rotors. This guarantees maximum reliability and low power absorption unlike the standard solutions in which it should be dissipated by the transmission itself.



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.

**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.

# A unique range for its 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.

# 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.

## POKER

Rotozappa  
HP 140-260  
Pg. 8 - 9



## POKER INVERSA

Inversa  
HP 150-260  
Pg. 10 - 11



## TYSON

Rotozappa  
HP 220-430  
Pg. 12 - 13



## 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.



## INVERSA System

### DESIGN AND TECHNIQUE AT THE HIGHEST LEVELS

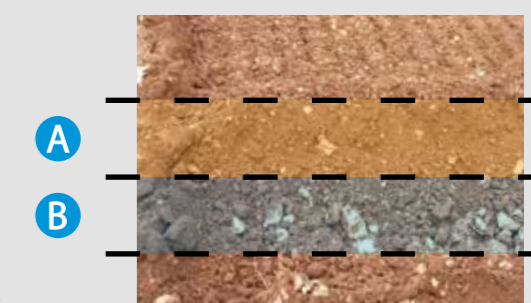
These machines work the soil and bury stones, clods and crop residues with great efficacy even in areas not previously worked and with particularly hard soils. The reverse rotation of the rotor combined with a sorting grid that blocks the stones and a levelling bar, allows to bring soft soil well-refined 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.

#### 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.



A

B

**A** TOP LAYER, REFINED SOIL

**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.

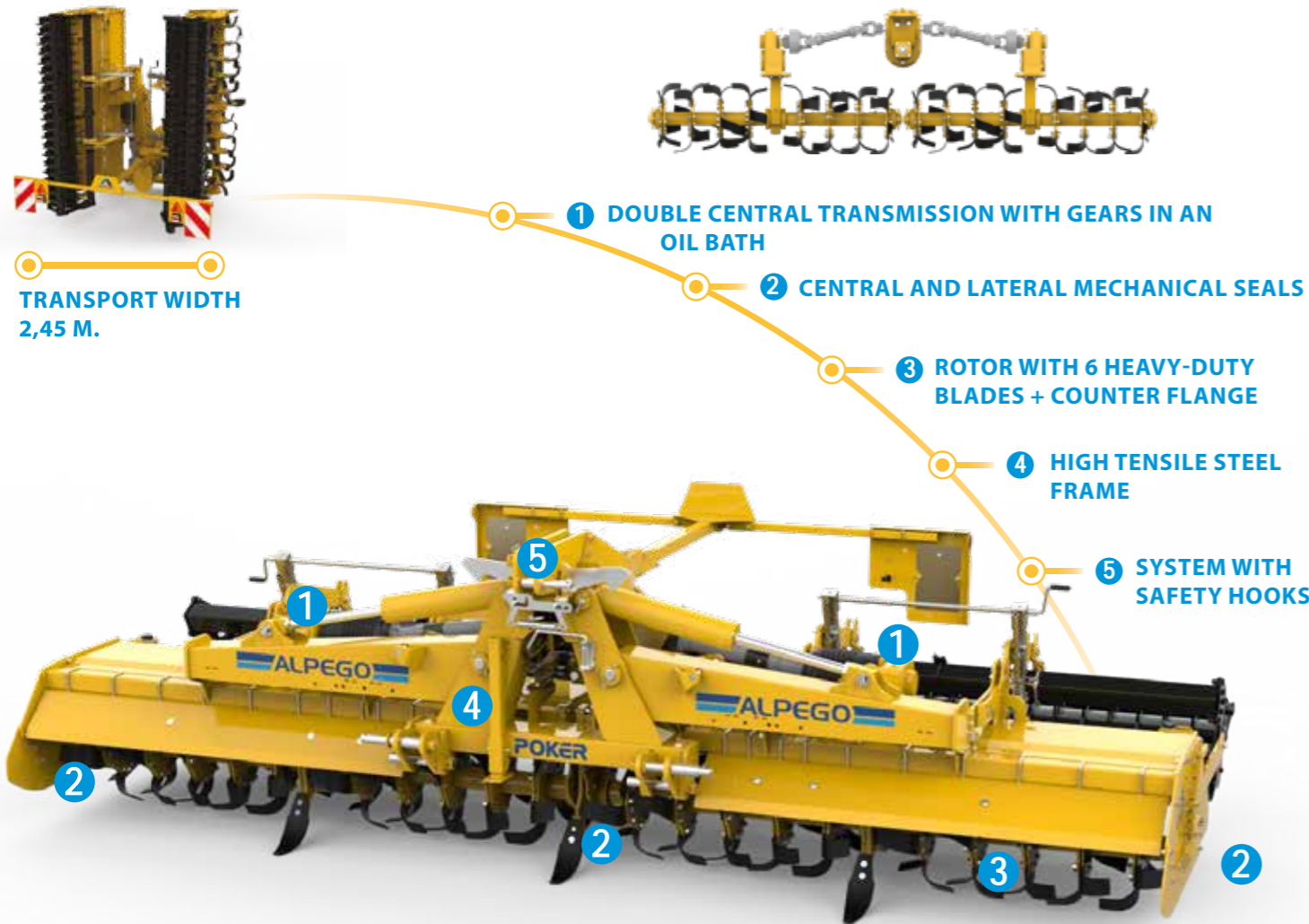
# POKER

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.

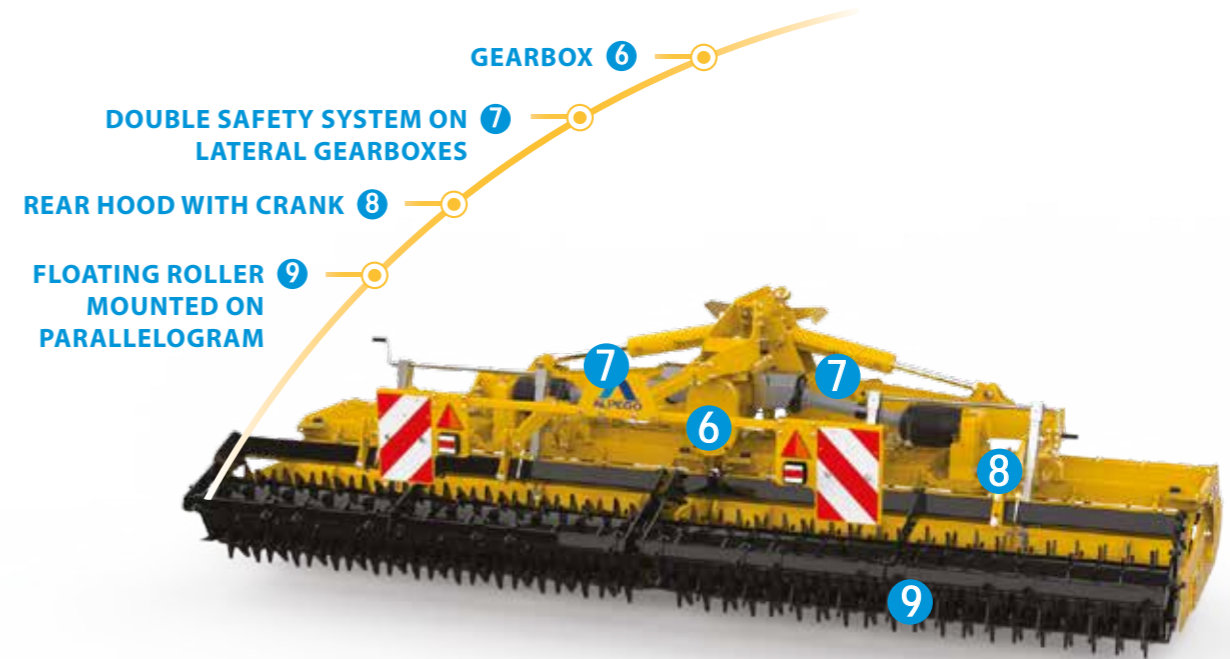
1 DOUBLE CENTRAL TRANSMISSION WITH GEARS IN AN OIL BATH

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



GEARBOX 6

DOUBLE SAFETY SYSTEM ON LATERAL GEARBOXES 7

REAR HOOD WITH CRANK 8

FLOATING ROLLER MOUNTED ON PARALLELOGRAM 9

	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.

# POKER

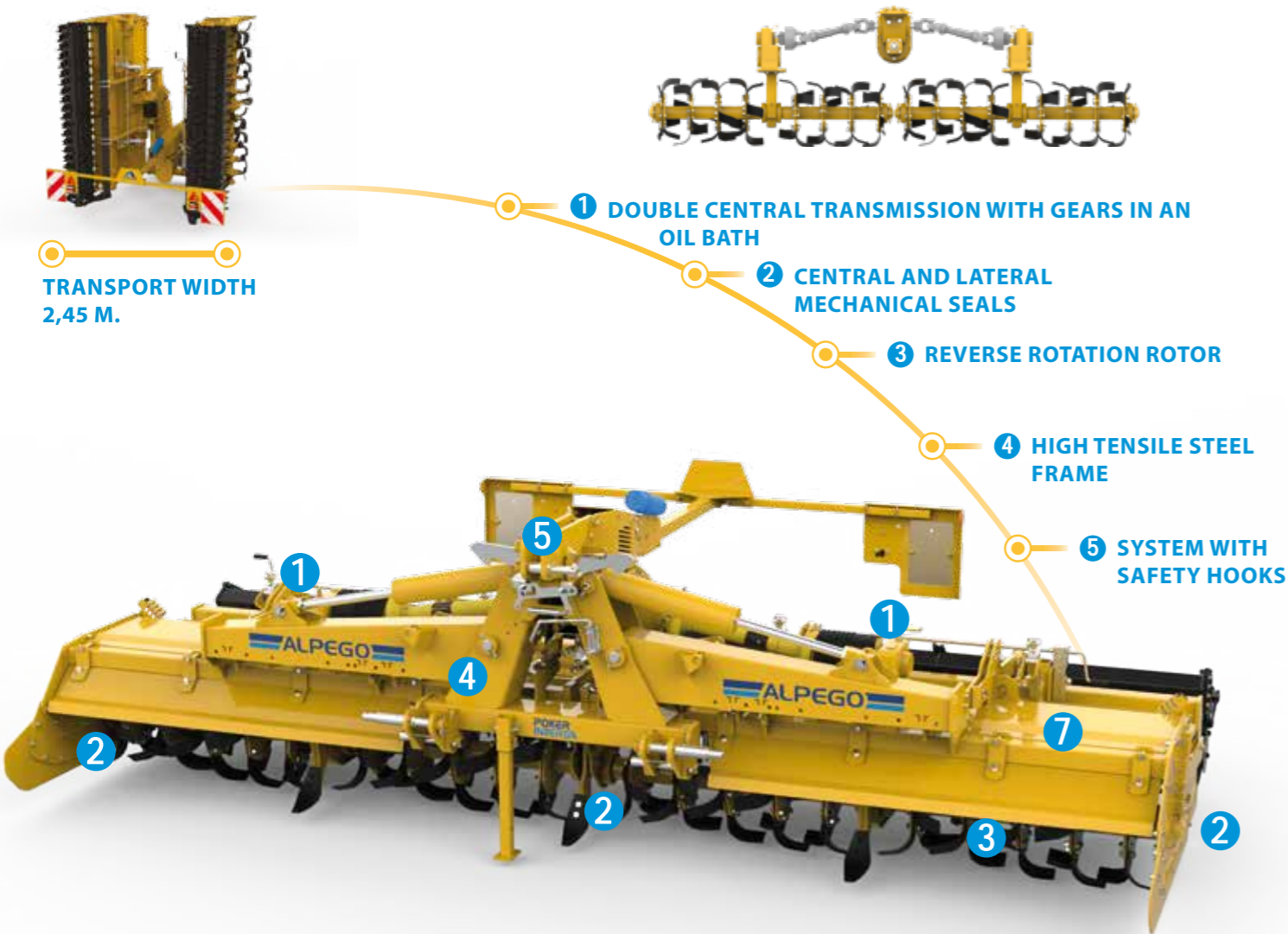
## INVERSA

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.

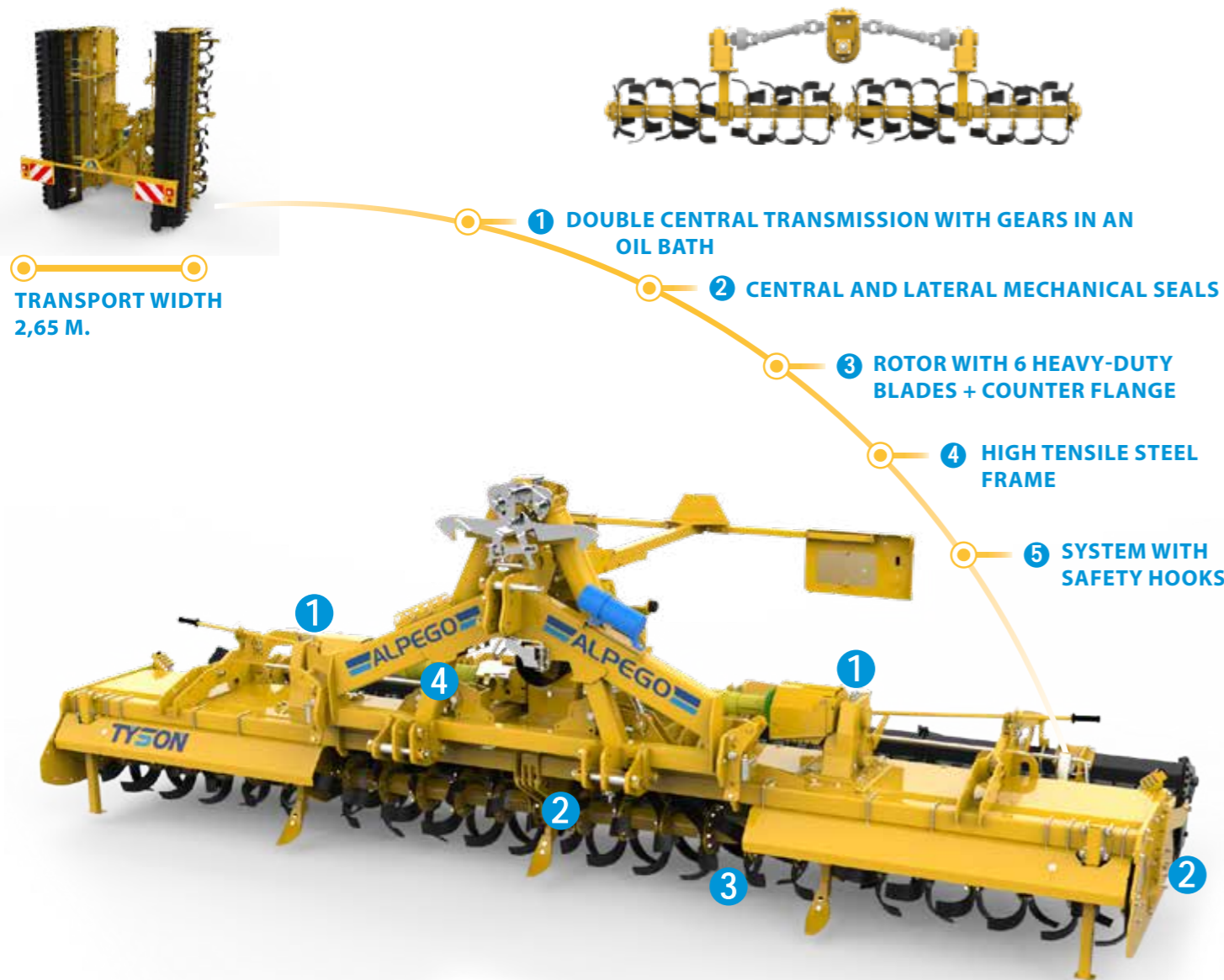


TYSON foldable rotary tiller is equipped with a horizontal axis rotor for excellent soil crumbling and mixing of weeds and other crop residues, also suitable on difficult terrain. TYSON is unique in its category thanks to its double gear-driven central transmission.

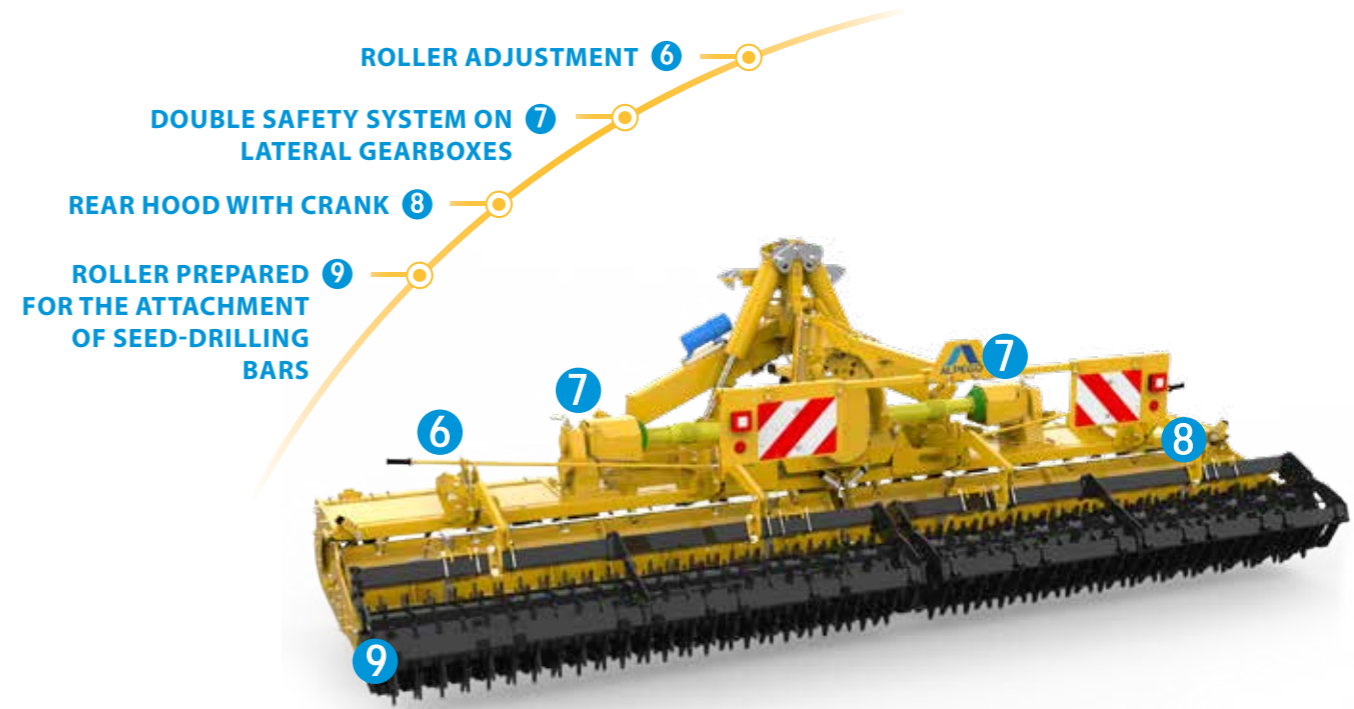
Foldable rotary tiller for tractors up to 460 HP and working width up to 6 m

**NEW PREVIEW**

Tyson, the new high-performance folding rotary tiller, was exclusively previewed at EIMA 2024. There may be updates to the data provided below.



TRANSPORT WIDTH 2,65 M.



	TYSON - 500	TYSON - 600
Working width (mm)	4698	5009
Overall width (mm)	5014	5954
Transport width (mm)	2650	2650
Tractor power (HP)	220-430	270-430
Working depth (mm)	250	250
Rotors (n°)	20	24
Blades (n° rh + n° lh)	60 + 60	72 + 72
Weight with Packer roller (Kg)	4076	4442
Weight with Cage roller (Kg)	3660	3970

**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 ROLLER ADJUSTMENT**  
System for convenient adjustment of roller position from the outside

**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 ROLLER PREPARED FOR THE ATTACHMENT OF SEED-DRILLING BARS**  
Roller mounted on parallelogram on which quick couplings can be mounted for combinations.

**EQUIPMENT**  
Category 3, 4, 4N and USA tractor linkages / 1000 rpm single-speed gearbox (rotor speed 249 rpm) Central drive shaft PDF 1" 3/4 Z=20 / Lateral drive shafts with torque limiter / 3-stage transmission / Centralised light bar / Central track eraser / Loosener shanks mounted on central transmissions.

# Choosing the attachment and roller

For perfect tillage in every situation

Foldable rotary tiller  
POKER



TRACK ERASER KIT



HYDRAULIC DEPTH ADJUSTMENT



CENTRAL UNIT COOLING KIT



QUICK LINKAGE



## PACKER ROLLER

The PACKER roller is particularly rugged. It has several rows of tines to guarantee ground traction and a set of brushes, with individual adjustment, to keep them clean. The result is a compact, well levelled surface. (Ø 570 mm, 520 mm and 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).

Accessories	POKER	POKER INVERSA	TYSON
Track eraser kit	Optional	Not available	Standard
Hydraulic depth adjustment	Optional	Optional	Standard
Central unit cooling kit	Optional	Optional	Not available
Quick linkage	Not available	Not available	Optional

Rollers	POKER	POKER INVERSA	TYSON
Packer roller	Optional	Optional	Standard
Cage roller	Optional	Optional	Standard
Spiral roller	Optional	Optional	Not available
Spike roller	Optional	Optional	Not available

Optional Standard Not available





**FOLDABLE POWER HARROWS**

120 - 500 HP



**RIGID POWER HARROWS**

35 - 320 HP



**SUBSOILERS**

75 - 600 HP



**ROTARY TILLERS AND STONE BURIERS**

65 - 430 HP



**SEED-DRILLS**

85 - 320 HP



**FRONT HOPPERS**

120 - 500 HP



**CULTIVATORS**

120 - 300 HP



**FLAIL MOWERS**

40-220 HP

