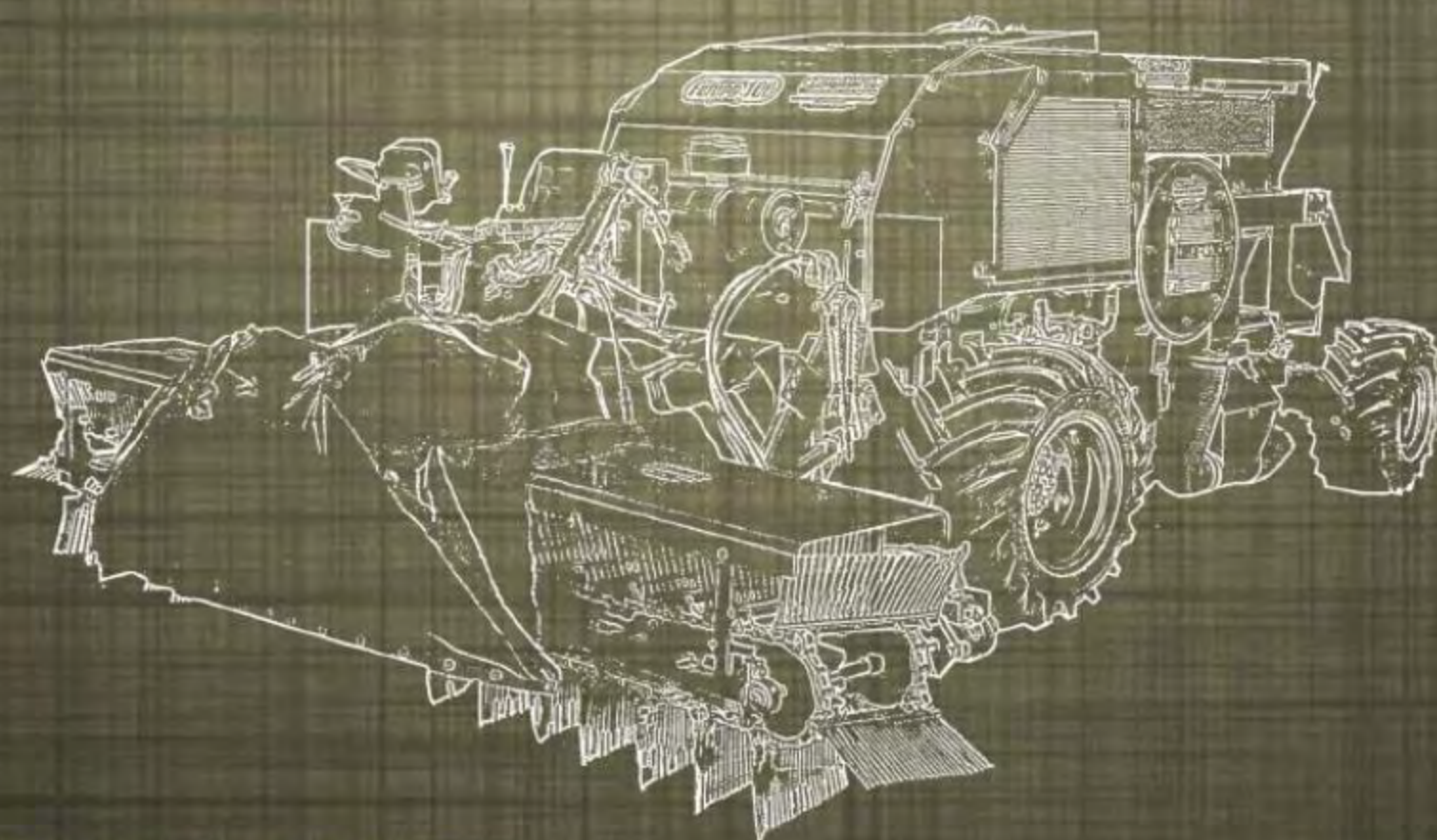


**CONSTRUCTION**  
**AGRICULTURAL MACHINERY**

**20**  
20 ANNI  
INSIEME  
2002-2022

**GIAMPI**



**CATALOGUE**  
**2024**



# Flail mower model JOLLY with hydraulic movement

The flail mower model JOLLY is ideal for use in parks, sports fields, gardens and for the mowing of small shoots up to a diameter of 4 cm. It must be applied to the tractor's three-point linkage; it is characterised by reduced overall dimensions and low power consumption. The machine is equipped with a gearbox with inner free wheel and features hydraulic displacement, height-adjustable rear support roller with diameter of 140 mm, stone-protection bed rails and safety guards. The rotor is electronically balanced with 1.5 kg bats.



MODELS	Minimum working width	Required engine output HP	Weight kg	Length mm	Width mm	No. of straps	No. of bats	-	-
Jolly 135 with hydraulic	1350	25 - 35	250	800	1490	2	16	-	-
Jolly 155 with hydraulic	1550	30 - 40	270	800	1690	3	16	-	-
Jolly 180 with hydraulic	1800	30 - 40	295	800	1940	3	20	-	-

The rotor is electronically balanced with 1.5 kg bats.



□ Double cutting blade

# Fixed flail mower model JOLLY

The Jolly fixed model flail is perfect for works in parks, sport fields, gardens and small shoots up to a 4 cm of diameter. It must be applied to the tractor's three-point linkage, small size as well as low power absorption characterize it. The machine is equipped with gearbox with internal freewheel, fixed attachment with manual movement on three positions, height-adjustable rear support roller with a diameter of 140 mm., stone guards and safety guards. The rotor is electronically balanced with 1,5 kg. clubs.

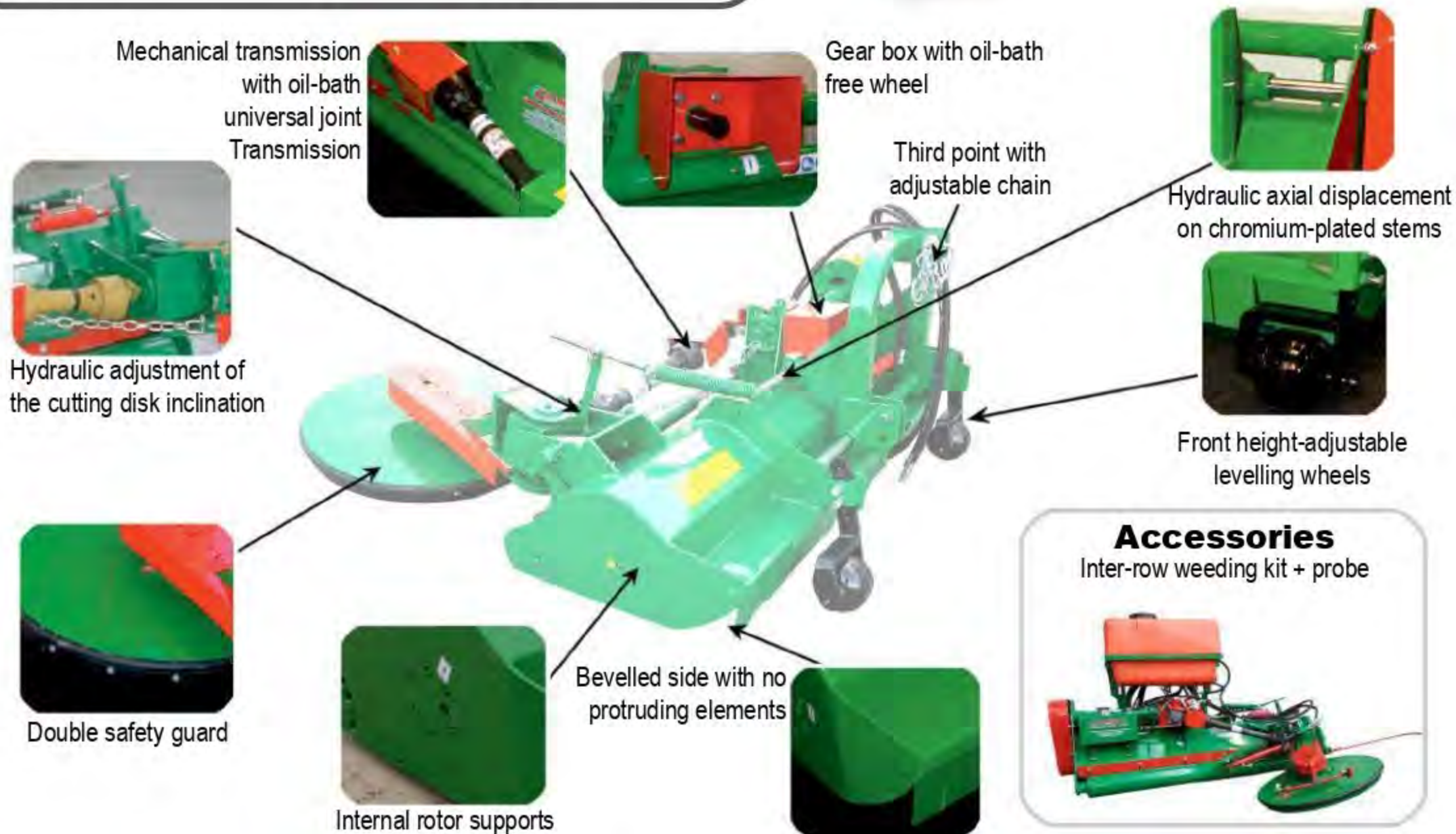


MODELS	Working width mm	Required engine output HP	Weight kg	Length mm	Width mm	No. of straps	No. of bats	-	-
Jolly 120 - fixed	1200	20 - 30	240	800	1340	2	12	-	-
Jolly 135 - fixed	1350	25 - 35	265	800	1490	2	16	-	-
Jolly 155 - fixed	1550	30 - 40	285	800	1690	3	16	-	-
Jolly 180 - fixed	1800	30 - 40	295	800	1940	3	20	-	-

# Flail mower model MEDIUM

## Particularly suitable for hazelnut groves

This flail allows to shred shoots, corn, straw and pruning up to a diameter of 6 cm. The Masted mod. Is indicated for the preparation of land cultivated with orchards, vineyards, in particular hazelnut and chestnut groves etc. on which mechanized harvesting is carried out. The robust structure is made of steel with a large rotor that's electronically balanced and mounted on perfectly protected self-centered bearings. There is the possibility of mounting universal or squared knives or hammers according to the work requirements. The inter-row head is an accessory applicable to the flail mower necessary for cleaning around the stem of plants and the spaces between the rows without damaging the bark. The transmission, the drive and the relative return is in mechanical and automatic form.



### Accessories

Inter-row weeding kit + probe



### New

#### Inter-row disc kit and return with hydraulic probe

Inter-row disc application with mechanical transmission and return with hydraulic probe suitable for single-crop cultivations and steep terrains.

### Accessories

Disc tilting kit



### New

#### MOVEMENT OUT OF SAGUE Accessories

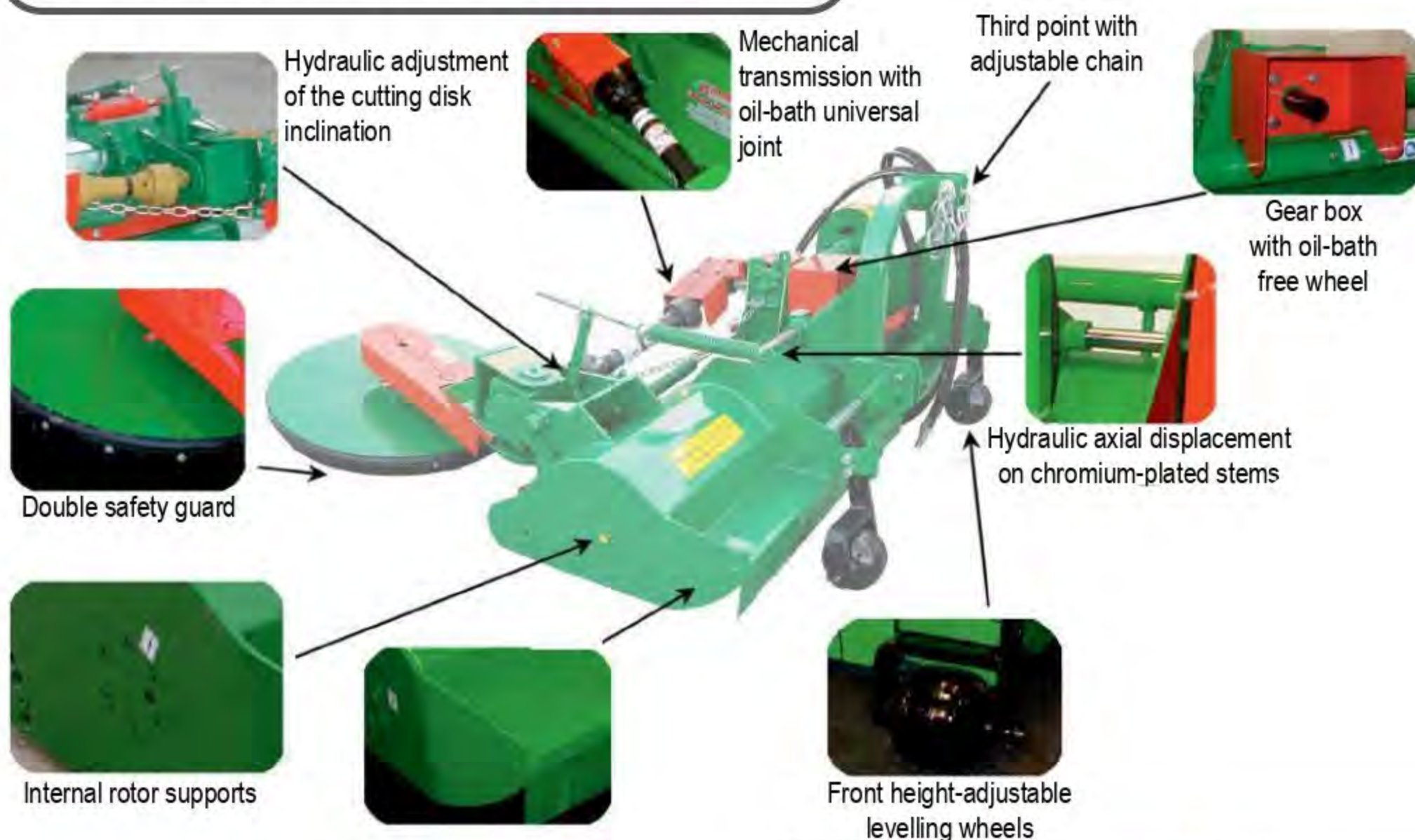
MODELS	Working width without and with probe mm	Engine output CV	Weight without/with probe kg	Length without/with probe mm	width without and with probe mm	Belts No.	Bats No.	Probe weight kg	Probe blades kg	Ø Disc mm
Medium 140 hydraulic drive	1400 2050	30 - 40	420 540	1000 2000	1540 2190	3	16	120	8	600/900
Medium 160 hydraulic drive	1600 2250	40 - 60	430 560	1000 2000	1740 2390	3	16	130	8	600/900
Medium 180 hydraulic drive	1750 2400	45 - 70	440 600	1000 2000	1890 2540	4	16	160	8	600/900
Medium 200 hydraulic drive	2000 2650	50 - 70	450 620	1000 2000	1990 2640	4	16	170	8	600/900

# Flail mower model MASTER

with mechanical-transmission inter-row probe

### Particularly suitable for hazelnut groves

This flail allows to shred shoots, corn, straw and pruning up to a diameter of 6 cm. The Masted mod. Is indicated for the preparation of land cultivated with orchards, vineyards, in particular hazelnut and chestnut groves etc. on which mechanized harvesting is carried out. The robust structure is made of steel with a large rotor that's electronically balanced and mounted on perfectly protected self-centered bearings. There is the possibility of mounting universal or squared knives or hammers according to the work requirements. The inter-row head is an accessory applicable to the flail mower necessary for cleaning around the stem of plants and the spaces between the rows without damaging the bark. The transmission, the drive and the relative return is in mechanical and automatic form.



**New**

**MOVEMENT OUT OF SAGUE Accessories**

**New**

**Inter-row disc kit and return with hydraulic probe**

Inter-row disc application with mechanical transmission and return with hydraulic probe suitable for single-crop cultivations and steep terrains.

**Accessories**

Disc tilting kit

MODELS	Working width without and with probe mm	Engine output CV	Weight without/with probe kg	Length without/with probe mm	Width without and with probe mm	No. of straps	No. of bats	Probe weight kg	Probe blades kg	Ø Disc mm
Master 140 hydraulic drive	1400 2050	45 - 60	505 635	1000 2000	1540 2190	4	12	130	8	600/900
Master 160 hydraulic drive	1600 2250	50 - 70	520 660	1000 2000	1740 2390	4	16	140	8	600/900
Master 180 hydraulic drive	1800 2400	60 - 80	535 695	1000 2000	1890 2540	4	16	160	8	600/900
Master 200 hydraulic drive	2000 2650	60 - 90	555 720	1000 2000	2140 2790	4	20	165	8	600/900
Master 220 hydraulic drive	2200 2850	60 - 100	580 750	1000 2000	2340 2990	4	24	170	8	600/900

# Flail mower model SUPER

## Ideal for use in hazelnut groves

The mulcher mod. Super is a very robust and reliable semi-forestry machine. Ideal for heavy work on hazelnut, chestnut, olive and citrus groves with large diameters ranging from 10 to 15 cm., on request we supply a stone rotor. The machine mounts a multiplier group with internal freewheel in an oil bath, the body is reinforced and chromed steel. The hydraulic displacement takes place on chromed stem bars. The rear roller is adjustable with a diameter of 170mm. The machine is equipped with accident prevention protection. As an accessory you can request the front wheels kit that allows the machine to be towed by chain. This grants less effort and consumption of the clubs.



Front wheel kit

Third point with adjustable chain



internal bearing supports



Rear PTO for reversible linkage or PTO connection of the inter-row disc.



rounded corner



## NEW RAVERSIBLE



## Accessories Inter-row weeding kit + probe



## New

### Inter-row disc kit with spring return

Inter-row disk application with mechanical transmission and spring return suitable for hazelnut groves, vineyards, olive groves, etc.

### Accessories Disc tilting kit



## New

### Inter-row disc kit and return with hydraulic probe

Inter-row disc application with mechanical transmission and return with hydraulic probe suitable for single-crop cultivations and steep terrains.

### Accessories Disc tilting kit

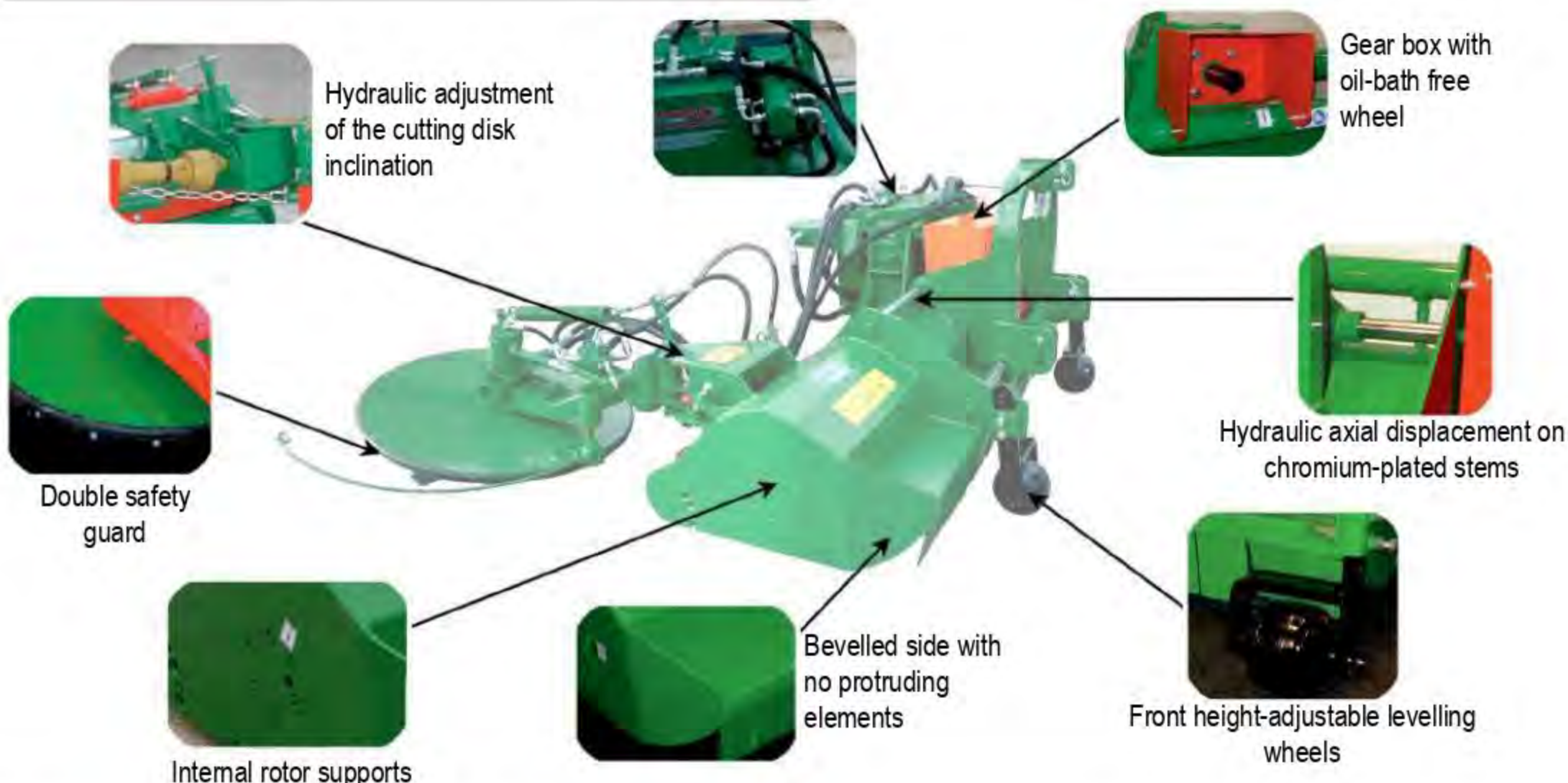
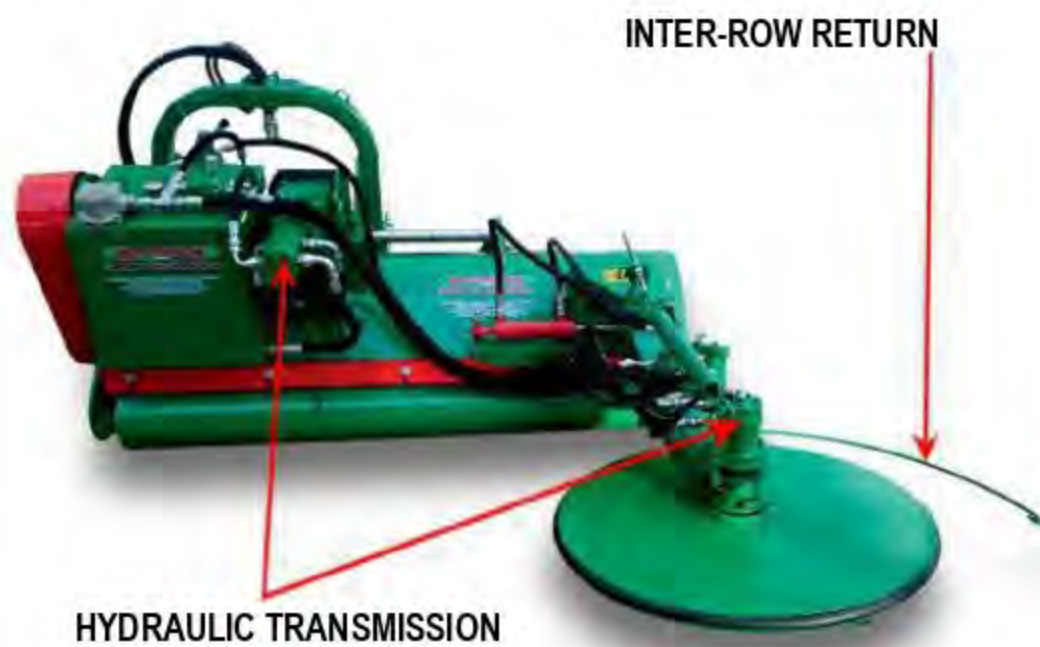
MODELS	Working width without and with probe mm	Engine output CV	Weight without/with probe kg	Length without/with probe mm	Width without/with probe mm	No. of straps	No. of bats	Probe weight kg	Probe blades kg	Ø disc mm
Super 160 hydraulic drive	1600 2250	50 - 110	610	1000 - 2000	1750 - 2390	4	16	160	8	600/900
Super 175 hydraulic drive	1750 2400	60 - 120	640	1000 - 2000	1890 - 2540	4	16	160	8	600/900
Super 200 hydraulic drive	2000 2650	70 - 120	690	1000 - 2000	2140 - 2790	4	20	160	8	600/900
Super 220 hydraulic drive	2200 2850	75 - 120	730	1000 - 2000	2340 - 2990	4	24	160	8	600/900

# Flail mower model MASTER

inter-row disc with hydraulic transmission

Ideal for use in hazelnut groves

Inter-row disc with hydraulic transmission. Suitable for shredding shoots, corn, pruning, with a diameter up to 8 cm. This model is indicated for the preparation of cultivated lands on which mechanized harvesting is carried out (example; orchards, vineyards, chestnut and hazelnut groves). Robust structure is made of steel with large rotor electronically balanced and self-centered and perfectly balanced bearings. There's the possibility of mounting universal or square type knives or mallets according to the work requirements. The inter-row head is an accessory applicable to the flail mowers necessary for cleaning around the stem of plants and the spaces between the rows without damaging the bark. Transmission, activation and return from inter-row is in hydraulic form as the machine is equipped with an oil tank which sustain both hydraulic pumps.



## New

**Inter-row disc kit and return with hydraulic probe**  
Inter-row disc application with hydraulic transmission and return with hydraulic probe suitable for single-crop cultivations and steep terrains.

**Accessories**  
Disc tilting kit

**Accessories**  
Weeding kit



MODELS	Working width without and with probe mm	Required engine output HP	Weight without/with probe kg	Length without/with probe mm	Width without/with probe mm	No. of straps	No. of bats	Probe blades kg	Ø disc mm
Master 140 hydraulic drive	1400 2050	45 - 60	505 680	1000 2000	1540 2190	4	12	8	600/900
Master 160 hydraulic drive	1600 2250	50 - 70	520 710	1000 2000	1740 2390	4	16	8	600/900
Master 180 hydraulic drive	1800 2400	60 - 80	535 730	1000 2000	1890 2540	4	16	8	600/900
Master 200 hydraulic drive	2000 2650	60 - 90	555 760	1000 2000	2140 2790	4	20	8	600/900
Master 220 hydraulic drive	2200 2850	60 - 100	580 780	1000 2000	2340 2990	4	24	8	600/900

# Inter-row PROBE with frame

Inter-row filler with frame.  
Suitable for hazelnut groves.

Inter-row filler with frame allows a complete, fast and accurate machining, thus obtaining a cleaning of the plants and the spaces between the rows without damaging the barks. Transmission, activation and relative return is mechanical and automatic. The inter-row filler is suitable exclusively for processing orchards, chestnut groves etc.



Front height-adjustable levelling wheels



Mechanical transmission with oil-bath universal joint



Double safety guard



## New

**Inter-row disc kit with spring return**  
Inter-row disc application with mechanical transmission and spring return suitable for hazelnut groves, vineyards, olive groves, etc.

**Accessories**  
Disc tilting kit

## New

**Inter-row disc kit and return with hydraulic probe**  
Inter-row disc application with mechanical transmission and return with hydraulic probe suitable for single-crop cultivations and steep terrains.

**Accessories**  
Disc tilting kit

MODELS	Working width of probe mm	Required engine output HP	Probe weight kg	Length mm	Width mm	No. of straps	No. of bats	Probe weight kg	No. of probe blades	Ø disc mm
Inter-row PROBE with frame	650	-	300	1800	1750 - 2390	-	-	160	8	600/900



# Chipper model ENERGY

**PATENTED machine**



Perfect for shredding and pruning recovery of fruit trees such as hazelnut and chestnut groves, vineyards etc. Suitable for tractors from 70 to 90 hp. The chipper can be installed on the rear lift, while a container or trailer can be installed on the front to contain the wood chips. Equipped with a hydraulic reversible collector (Giampi patented), which allows to collect the pruning directly. An imposing rotor (Giampi patented) allows to chop the product up to 80 mm., transforming it into raw material that can be reused for domestic use.



**Accessories**  
Optional hydraulic kit for machines that do not feature it.

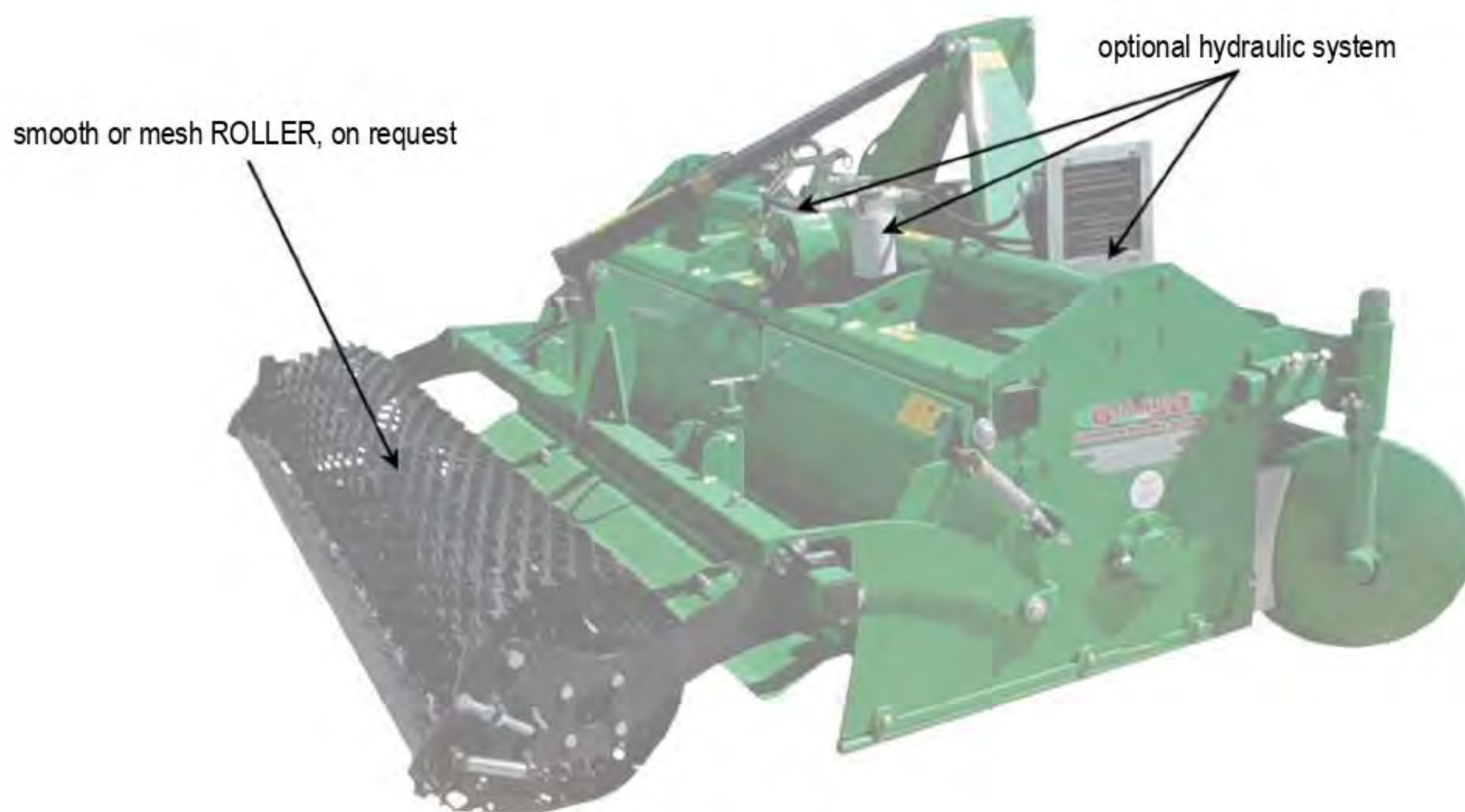
The finished product is a reusable raw material suitable also for domestic use.

MODEL	Working width cm	Dimensions cm	Tractor linkage	Power HP kW	Cutting diameter cm	PTO turning	Weight kg
ENERGY 1600	160	190	rear / front	75 - 55	0 - 8	750	1000
ENERGY 1800	180	210	rear / front	85 - 63	0 - 8	750	1060
ENERGY 2000	200	230	rear / front	100 - 75	0 - 8	750	1130

# ZEUS 500 wheelbase



**Zeus 200 wheelbase is designed to place the stones that're on the surface underground at a depth of about 20 cm. The goal is to prepare the soil for subsequent harvests both with modern machines and in traditional way. The rotor extracts the stones for the subsoil when the machine turns in opposite direction to that of advance, at this point the stones are conveyed towards a comb that contains them.**



MODEL	Working width cm	Overall dimensions	Power HP-kW	No. of hoes	Weight kg
<b>ENERGY 2000</b>	<b>200</b>	<b>240</b>	<b>70 - 51</b>	<b>54</b>	<b>950</b>

## WINDROWERS



THE AFM-130 WINDROWER It allows to form swaths or rows of product (hazelnuts, chestnuts, walnuts, almonds, macadamia) on the ground, which facilitate harvesting by mounted and self-propelled harvesting machines. It is connected to the front of the tractor and the working width is adjusted by means of hydraulic pistons.

MODEL	HEIGHT	WIDTH	LENGTH	LENGTH MIN WORK	LENGTH MAX WORK	IDRAULIC ENGINE	WEIGHT
WINDROWERS AFM-130	105	270	135	300	500	2	265

## WINDROWERS



The SINGLE and FUTURA WINDROWER's It allows to form swaths or rows of product (hazelnuts, chestnuts, walnuts, almonds, macadamia) on the ground, which facilitate the harvesting by the mounted and self-propelled harvesting machines. It is connected to the front of the tractor and the working width is adjusted by means of hydraulic pistons.

MODEL	HEIGHT	WIDTH	LENGTH	LENGTH MIN WORK	LENGTH MAX WORK	IDRAULIC ENGINE	WEIGHT
WINDROWERS FUTURA	105	240	60	150	240	2	400 KG
WINDROWERS SINGOLO	105	200	60	200	200	1	200 KG



- Applicazione su trattore **REVERSIBILE**
- Application on the **REVERSIBLE** tractor
- Aplicación de tractor **REVERSIBLE**
- Application du tracteur **REVERSIBLE**



- Applicazione su trattore **MONODIREZIONALE**
- Application on the **UNIDIRECTIONAL** tractor
- Aplicación de tractor **UNIDIRECCIONAL**
- Application du tracteur **UNIDIRECTIONNELLE**



- Applicazione **IDRAULICA** su sollevatore anteriore
- HYDRAULIC** application on the front lifter
- Aplicación **HIDRAULICA** de elevación delantera
- Application **HYDRAULIQUE** de relevage avant



## **NEW** MECHANICAL TRAILED HARVESTER





# Self-propelling machine model FUTURA 100

Futura 100 harvester is totally mechanized machine used for harvest of hazelnuts, chestnuts, almonds, and in general all ground types of fruit. Supplied with two-speed gearbox: the first one "slow" goes from 0 to 8 km/h while the second from 0 to 40 km/h (fast"). It's equipped with four driving wheels, the rear ones are steering, this allows an excellent turning radius even between the narrow rows. The advantage of four driving wheels is the ability to work in complete safety even on steep slopes. The sieving of the collected product takes place via two lateral transversal collectors that can be adjusted in width, which creates a central cord. A rotating collector loads the product and convey it to the conveyor belt on which a first selection takes place, then the fruits are led on a ventilation system, and positioned on a grid which provides for further sieve. Once the product has been cleaned, a fan will carry it into a suitable container. (Basket or container attached behind the machine).



Speed 40 km/h



**PATENTED machine**



**IMPORTANT**

To obtain an optimal performance from the harvesters it's advisable to prepare the soil by shred repeatedly the grass during the year and before the fruit falls. Harvesters require a well-prepared soil, and don't guarantee their full functionality in case of a high stone presence or steep ground.



**New**



The front harvesting brushes are arranged transversely, they collect the fruit and create a central cord which is loaded and transferred onto a conveyor belt via the main collector. On request the front transversal brushes can be supplied with a variable width, based on the rows distance. To respect the roadway the brushes can be hydraulically closed. The transversal collection system is perfectly adoptable to any type of the soil: hollow or bumpy, grassy or wet. The defoliator fan reduces the dust present in the air.

ENGINE		TRANSMISSION		DIMENSIONS		HARVESTING	
Type	<b>Kubota</b>	- 2-speed electronic gearbox 1st gear from 0 to 8 km/h 2nd gear from 0 to 35 km/h	- Hydraulic feed	Length	m 4.46	Working capacity	0.8/1 Ha/h
	INDUSTRIAL ENGINE POWER PACK POWER 55.4 KW / 2400 RPM MIN	- Oil bath disc brakes on rear deck	- Hydrostatic drive on 4 wheels driving wheels with reducers	Working height	m 1.52	Hourly harvesting	25/30 q/h
	MOD. V3307-CR-TE5B KUBOTA 07 SERIES (4 CYLINDERS) EPA TIER 4 EU STAGE V	- 2 rear driving wheels (with rear deck)	- Turning radius 3.00 m	Front wheel width	m 2.15		
				Rear wheel width	m 4.00		
				Collector width	variable from m 2.20 to m 5.00		
				Weight	3160 kg		

# Harvester model FUTURA 60

The new FUTURA 60 harvester is a completely mechanical machine for harvesting hazelnuts, almonds, chestnuts, walnuts, macadamias and all types of ground fruit. It was designed to replace self-propelled operating machines with the aim of significantly reducing maintenance and fuel consumption costs.

Use involves passing the machine with the tractor over a swath made by a special tool. The collection system is equipped with a rotating mechanism which collects the product and conveys it onto a slotted steel belt for initial cleaning.

The product is conducted into a ventilation system (empty hazelnuts, branches, leaves and light parts) and then onto a grid where another cleaning takes place. Once cleaned, the product is conveyed by a fan into a special container. (trolley or box)

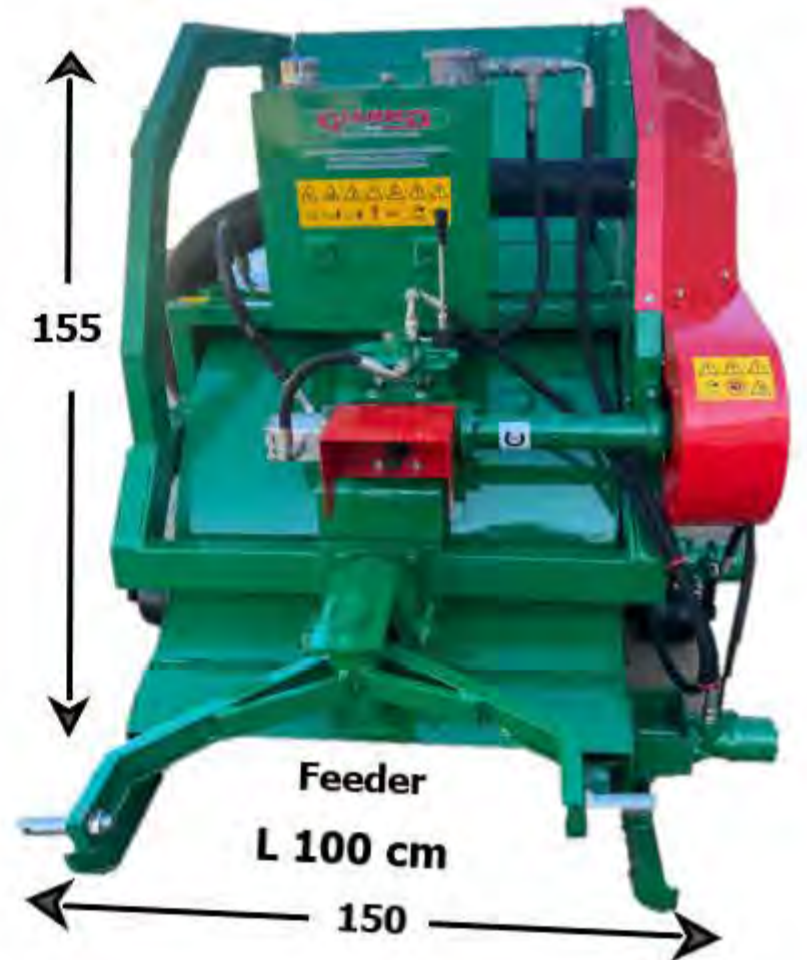


Collects  
hazelnuts  
nuts  
chestnuts  
almonds

**PATENTED**  
machine



Steering rudder



### IMPORTANT

To obtain an optimal performance from the harvesters it's advisable to prepare the soil by shredd repeatedly the grass during the year and before the fruit falls. Harvesters require a well-prepared soil, and don't guarantee their full functionality in case of a high stone presence or steep ground.



MODEL	Height	Length	Length	Power required Kw	Hourly production	Persons in charge	Weight
FUTURA 60	155	150	300	20/30	15/20	1/2	1050

# Harvester model STAR 1600-2000

## New

We construct agricultural trailers approved for road transport with the trailer.



## Important

To obtain optimal performance from the harvesting machines it's advisable to prepare the soil by repeatedly shredding the grass during the year, and before fruit fall. Shell fruit harvesting machines require well-prepared soil, they don't guarantee full functionality in case of stones or steep ground presence.

Installation on unidirectional tractor



Orientation opposite to driving direction

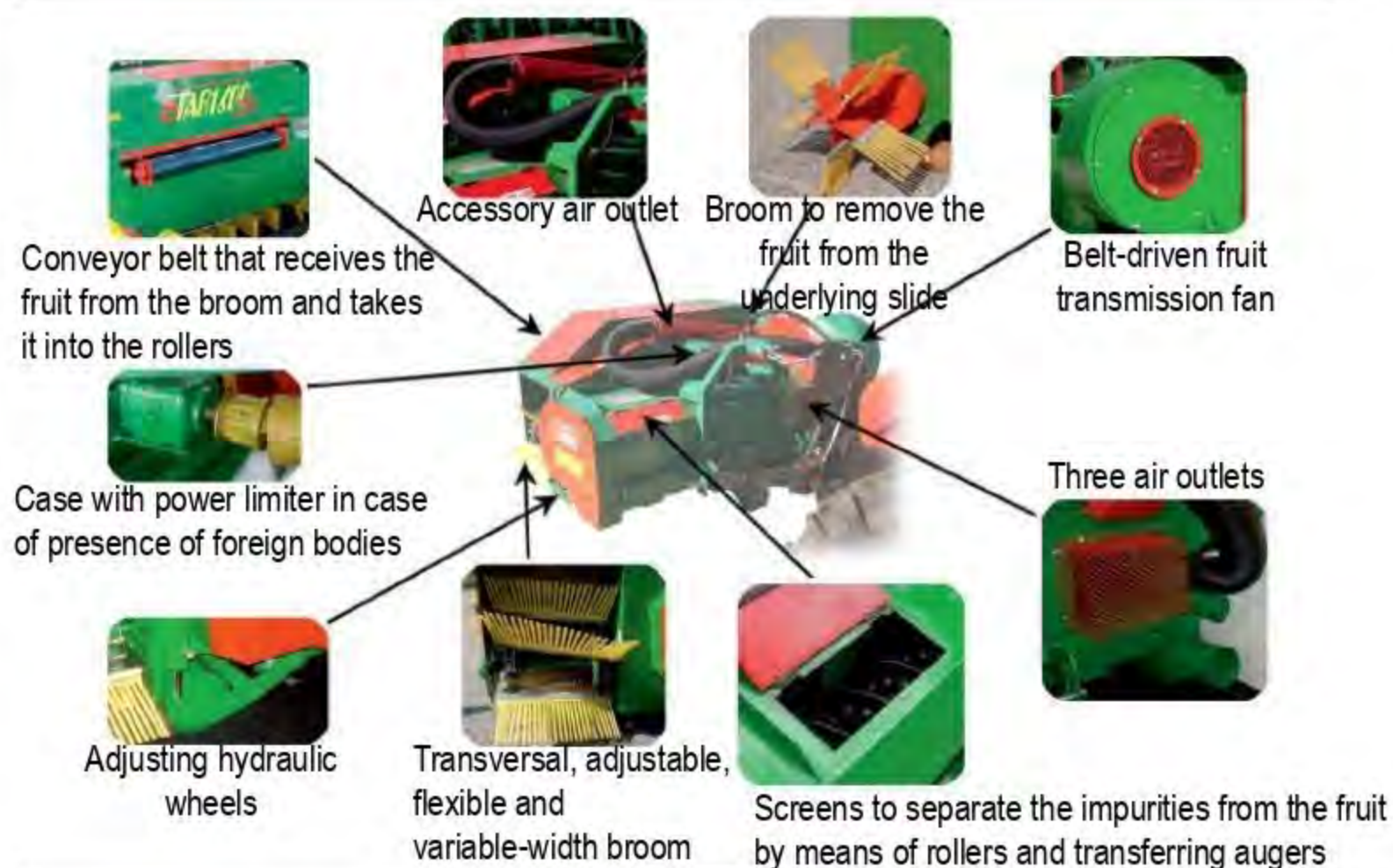


PATENTED machine



Mechanical and Ydraulic

The Star 1600 and 2000 harvester can be installed on any tractor, it's suitable for small or medium-sized companies. Designed for the collection of hazelnuts, chestnuts, almonds, walnuts, olives and all ground fruit type. Unlike suction machines the collection takes place mechanically via a transversal brush. This allows a significant fuel reduction (working at low rpm, around 1200/1300), and reduces the dust emission into the air. The harvester must be installed on the tractor's three-point linkage, both front and rear. It's equipped with hydraulic wheels that allow the cross brush to be adjusted from the ground. Cross brush can start in two ways: gripping the force at 540rpm or 1000rpm, the first one, or through a hydraulic system equipped with an oil tank, pump multiplier and radiator, the second.



Side collector



Bag holder with cleaner (with 2 or 3 outlets)

MODELS	Dimensions cm	Working dimension cm	Tractor linkage	Three-point linkage	Transmission	Potenza Required engine output HP	Average harvesting speed km / h	Average hourly production q/h	Harvesting time per hectare	Weight kg
STAR 1600	170x100x157	170	Rear	1st and 2nd cat.	Mechanical Ydraulic	10 - 15	1 - 3	7 - 15	2 - 3	580
STAR 2000	210 x100x157	210	Rear	1st and 2nd cat.	Mechanical Ydraulic	10-15	1 - 3	9-18	1-3	642

# Harvester model STAR 1600-1800 Ecoline and Plus

## New

We construct agricultural trailers approved for road transport with the trailer.



## Important

To obtain optimal performance from the harvesting machines it's advisable to prepare the soil by repeatedly shredding the grass during the year, and before fruit fall. Shell fruit harvesting machines require well-prepared soil, they don't guarantee full functionality in case of stones or steep ground presence.

Installation on unidirectional tractor



Orientation opposite to driving direction

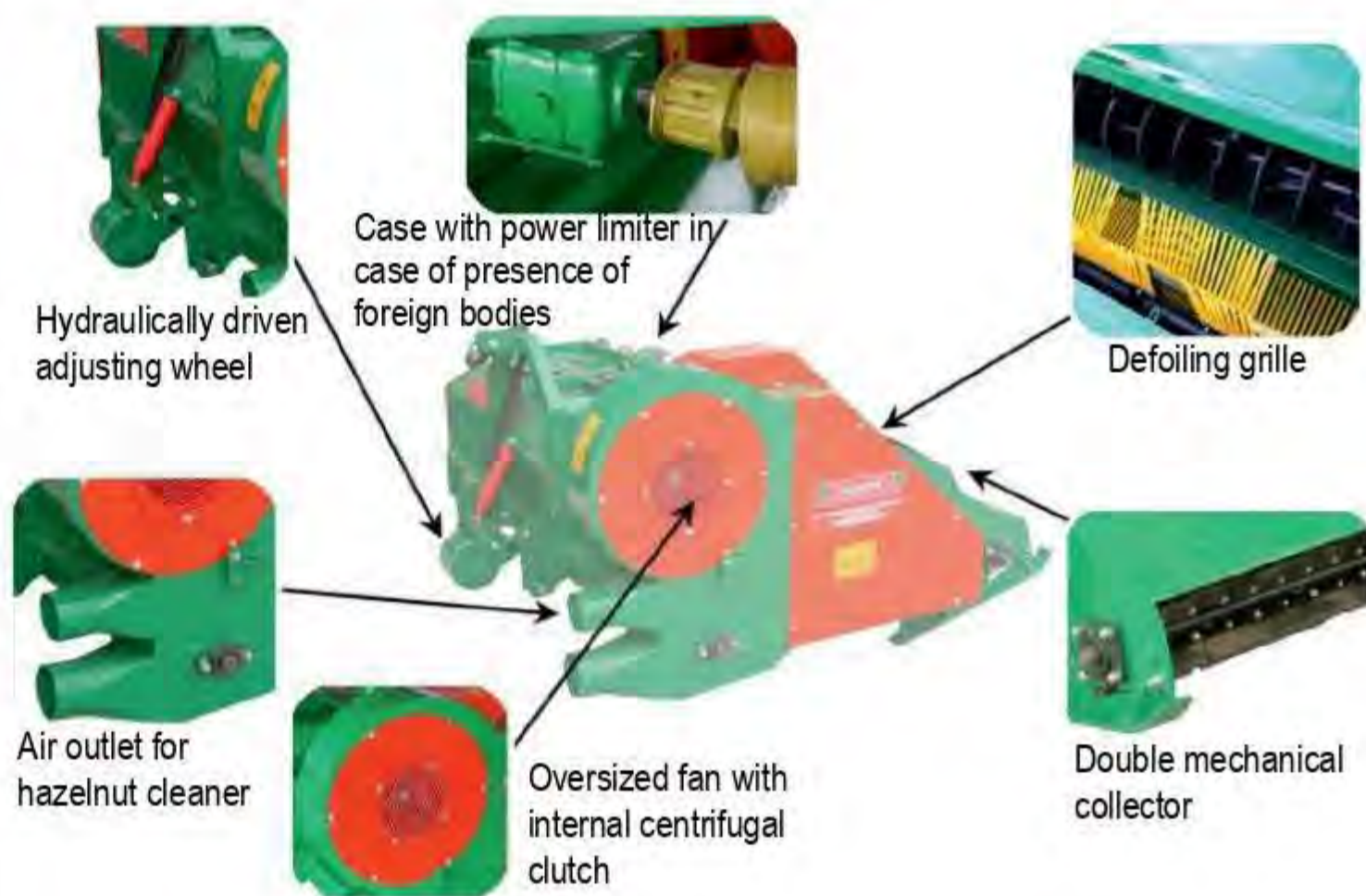


Mechanical and Ydraulic

PATENTED machine

### HARVESTER mod. STAR 1600-1800 ECOLINE and PLUS

The Star 1800 Plus harvester can be installed on any tractor, it's suitable for small or medium-sized companies. Designed for the collection of hazelnuts, chestnuts, almonds, walnuts, olives and all ground fruit type. Unlike suction machines the collection takes place mechanically via a transversal brush. This allows a significant fuel reduction (working at low rpm, around 1200/1300), and reduces the dust emission into the air. Unlike the Star 1800 plus and super plus it's not equipped with defoliator but with grids. The harvester must be installed on the tractor's three-point linkage, both front and rear. The machine is equipped with a hydraulic support roller that allows adjustment from the ground and with a mechanical front collector. The harvester starts in two ways: gripping the force at 540rpm or 1000rpm, the first one, or through a hydraulic system equipped with an oil tank, pump multiplier and radiator, the second.



MODELS	Dimensions cm	Working dimension cm	Tractor linkage	Three-point linkage	Transmission	Potenza Required engine output HP	Average harvesting speed km / h	Average hourly production q/h	Harvesting time per hectare h	Weight kg
STAR 1800 Plus	210x170x100	180	Rear/Front	1st and 2nd cat.	Mechanical & ydraulic	10 - 15	1 - 3	5 - 15	3 - 4	550
STAR1600 Plus	190x170x100	160	Rear/Front	1st and 2nd cat.	Mechanical & Ydraulic	10 - 15	1 - 3	5 - 15	3 - 4	500
STAR 1800 ecoline	210x170x100	180	Rear/Front	1st and 2nd cat.	Mechanical & Ydraulic	10 - 15	1 - 3	5 - 15	3 - 4	550
STAR 1600 ecoline	190x170x100	160	Rear/Front	1st and 2nd cat.	Mechanical & Ydraulic	10 - 15	1 - 3	5 - 15	3 - 4	500



# Harvester model STAR 1400-1600-1800 super plus

## New

We construct agricultural trailers approved for road transport with the trailer.



## Important

To obtain optimal performance from the harvesting machines it's advisable to prepare the soil by repeatedly shredding the grass during the year, and before fruit fall. Shell fruit harvesting machines require well-prepared soil, they don't guarantee full functionality in case of stones or steep ground presence.

Installation on unidirectional tractor



Orientation opposite to driving direction



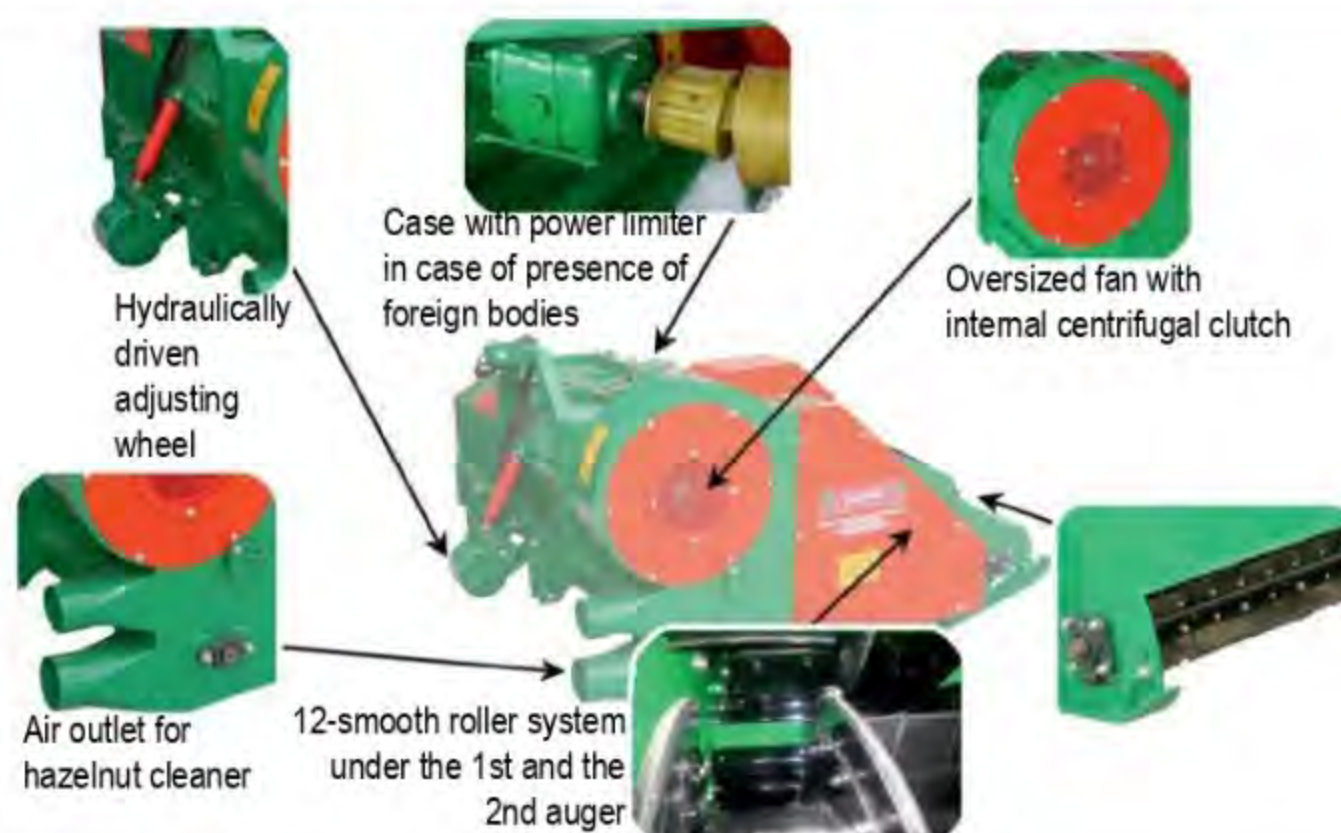
Mechanical and Ydraulic

PATENTED machine



### HAR VESTER mod. STAR 1400-1600-1800 SUPER PLUS

The Star 1400 harvester can be installed on any tractor, it's suitable for small or medium-sized companies. Designed for the collection of hazelnuts, chestnuts, almonds, walnuts, olives and all ground fruit type. Unlike suction machines the collection takes place mechanically via a transversal brush. This allows a significant fuel reduction (working at low rpm, around 1200/1300), and reduces the dust emission into the air. Unlike the Star 1800 plus and super plus it's not equipped with defoliator but with grids. The harvester must be installed on the tractor's three-point linkage, both front and rear. The machine is equipped with a hydraulic support roller that allows adjustment from the ground and with a mechanical front collector. The harvester starts in two ways: gripping the force at 540rpm or 1000rpm, the first one, or through a hydraulic system equipped with an oil tank, pump multiplier and radiator, the second.



MODELS	Dimensions cm	Working dimension cm	Tractor linkage	Three-point linkage	Transmission	Potenza Required engine output HP	Average harvesting speed km / h	Average hourly production q/h	Harvesting time per hectare h	Weight kg
STAR 1400 super plus	165x170x100	140	Rear/Front	1st and 2nd cat.	Mechanical & Ydraulic	10 - 15	1 - 3	5 - 15	1 - 3	525
STAR 1600 super plus	190x170x100	160	Rear/Front	1st and 2nd cat.	Mechanical & Ydraulic	10 - 15	1 - 5	7 - 15	2 - 4	575
STAR 1800 super plus	210x170x100	180	Rear/Front	1st and 2nd cat.	Mechanical & Ydraulic	10 - 15	1 - 5	7 - 15	2 - 4	625

# Harvester model STAR 1800 ME



**HARVESTER mod. STAR 1800 ME** can be installed on any tractor, it's suitable for small or medium-sized companies. Designed for the collection of hazelnuts, chestnuts, almonds, walnuts, olives and all ground fruit type. It's particularly suitable for the collection of citrus fruit as: apples, oranges, pears, figs and many others. Unlike suction machines the collection takes place mechanically via a front brush. This allows a significant fuel reduction (working at low rpm, around 1200/1300), and reduces the dust emission into the air. The harvester must be installed on the tractor's three-point linkage, both front and rear. The machine is equipped with a hydraulic support roller that allows adjustment from the ground and with a mechanical front collector. Inside an auger led the product onto a standard conveyor belt, then with a second conveyor belt convey the product inside a container or a trailer. The harvester starts in two ways: gripping the force at 540rpm or 1000rpm, the first one, or through a hydraulic system equipped with an oil tank, pump multiplier and radiator, the second.



MODELS	Dimensions cm	Working dimension cm	Tractor linkage	Three-point linkage	Transmission	Potenza Required engine output HP	Average harvesting speed km / h	Average hourly production q/h	Harvesting time per hectare h	Weight kg
STAR 1800me	210x270x180	180	Reare/Front	1a e 2a cat.	Mechanical and ydraulic	10 - 15	1 - 5	7 - 15	2 - 3	670

# Suction harvester model STAR 111

## Accessories



25 m pipe  
dia. Ø 100



Rotary sieve for  
hazelnuts dia. Ø 26  
Ø 40 and 50 Ø

## ACCESSORIES ON REQUEST



Universal  
joint



Rotary sieve for  
hazelnuts dia. Ø 26

## IMPORTANT

To obtain optimal performance from the harvesting machines it's advisable to prepare the soil by repeatedly shredding the grass during the year, and before fruit fall. Shell fruit harvesting machines require well-prepared soil, they don't guarantee full functionality in case of stones or steep ground presence.



**Suction harvester mod. Star 111**, designed for the collection of hazelnuts, chestnuts, almonds, walnuts, olives and all nut types. The collection takes place via a suction fan and two pipes with a diameter of 100 mm., with a length of 25 meters. This allows to collect a vast range of products on any type of land, especially those not prepared for the collection and the steeped ones. The suction harvester is operated via the tractor's P.T.O which turns a suction fan. The product is ventilated through the defoliating system, thus removing the lightest waste thanks to the strong air jet. Star 111 is suitable for different types of fruit, based on the diameter of the holes on the rotating sieve. In the final stage the sieve cleans up the fruit which is conveyed into a trolleys with the thrust of an air jet generated by a fan.



Bagging and  
defoliating fan



Product pre-clean-  
ing kit for bags



Support for bag  
holders



Separating grille + stone and  
soil separator

MODELS	Height cm	Width cm	Length cm	Dedusting cyclones No.	Potenza Required power kW	Harvesting pipes No.	Average hourly production q/h	Operators No.	Weight kg
Suction harvester model STAR 111	190	140	210	-	20	2/100	6/8	1/2	390

# Suction harvester model STAR 211

211S



**Suction harvester mod. Star 211**, designed for the collection of hazelnuts, chestnuts, almonds, walnuts, olives and all nut types. The collection takes place via a suction fan and two pipes with a diameter of 120/140 mm., with a length of 6/12/24 meters. This allows to collect a vast range of products on any type of land, especially those not prepared for the collection and the steeped ones. The suction harvester is operated via the tractor's P.T.O which turns a suction fan. The product is ventilated through the defoliating system, thus removing the lightest waste thanks to the strong air jet. Star 211 is suitable for different types of fruit, based on the diameter of the holes on the rotating sieve. In the final stage the sieve cleans up the fruit which is conveyed into a trolleys with the thrust of an air jet generated by a fan.

**IMPORTANT**

To obtain optimal performance from the harvesting machines it's advisable to prepare the soil by repeatedly shredding the grass during the year, and before fruit fall. Shell fruit harvesting machines require well-prepared soil, they don't guarantee full functionality in case of stones or steep ground presence.

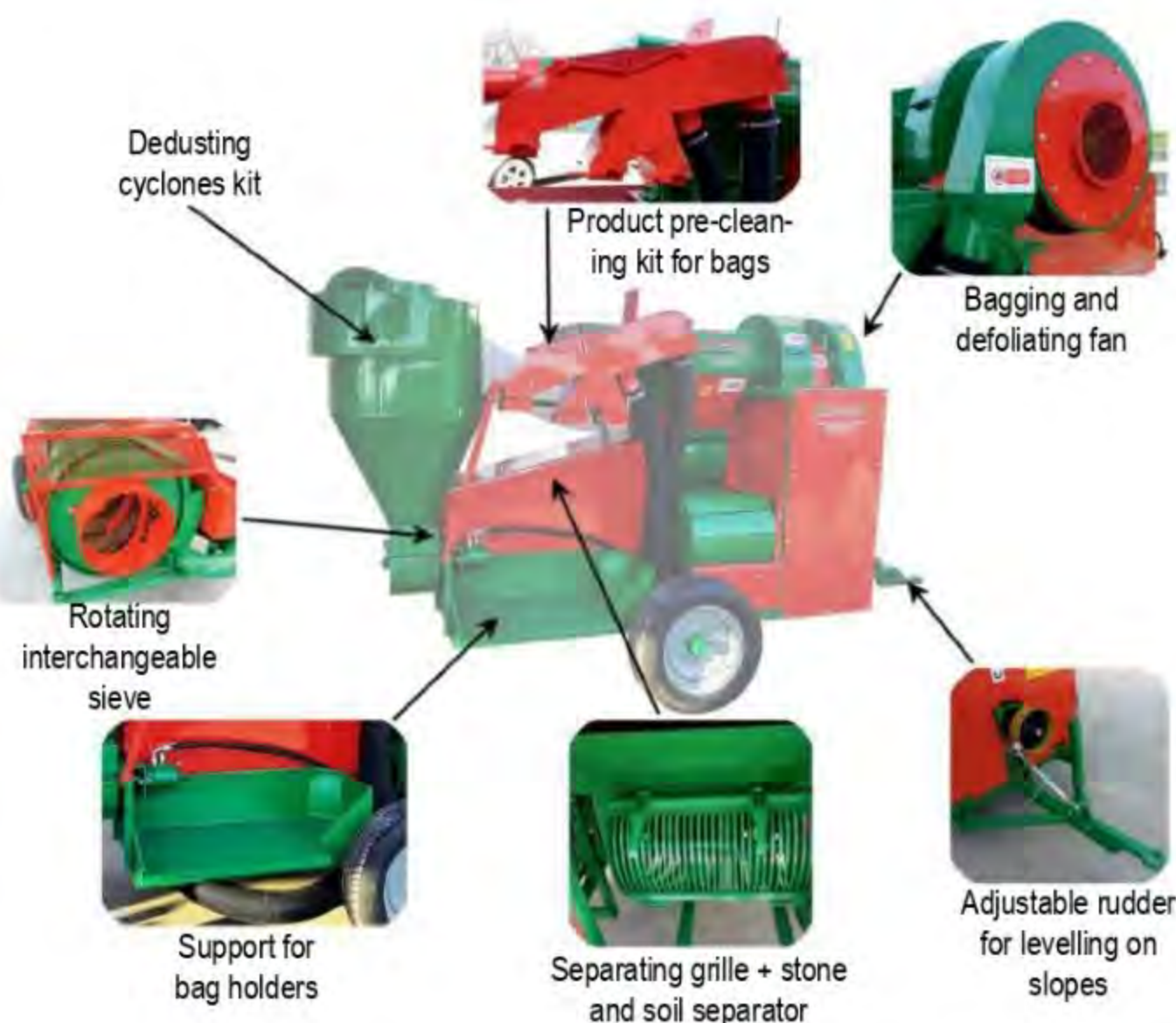
**Accessories**



25 m pipe dia. Ø 100



Rotary sieve for hazelnuts dia. Ø 26



MODELS	Height cm	Width cm	Length cm	Dedusting cyclones No.	Potenza Required power kW	Harvesting pipes No.	Average hourly production q/h	Operators No.	Weight kg
Suction harvester model STAR 211	1900	1700	3500	-	35	2/120	8/10	1/2	750

# Suction harvester model STAR 311

2115



**Suction harvester mod. Star 311**, designed for the collection of hazelnuts, chestnuts, almonds, walnuts, olives and all nut types. The collection takes place via a suction fan and two pipes with a diameter of 120/140 mm., with a length of 6/12/24 meters. This allows to collect a vast range of products on any type of land, especially those not prepared for the collection and the steeped ones. The suction harvester is operated via the tractor's P.T.O which turns a suction fan. The product is ventilated through the defoliating system, thus removing the lightest waste thanks to the strong air jet. Star 311 is suitable for different types of fruit, based on the diameter of the holes on the rotating sieve. In the final stage the sieve cleans up the fruit which is conveyed into a trolleys with the thrust of an air jet generated by a fan. Equipped with a cyclone for dust reduction (accessory).

## IMPORTANT

To obtain optimal performance from the harvesting machines it's advisable to prepare the soil by repeatedly shredding the grass during the year, and before fruit fall. Shell fruit harvesting machines require well-prepared soil, they don't guarantee full functionality in case of stones or steep ground presence.

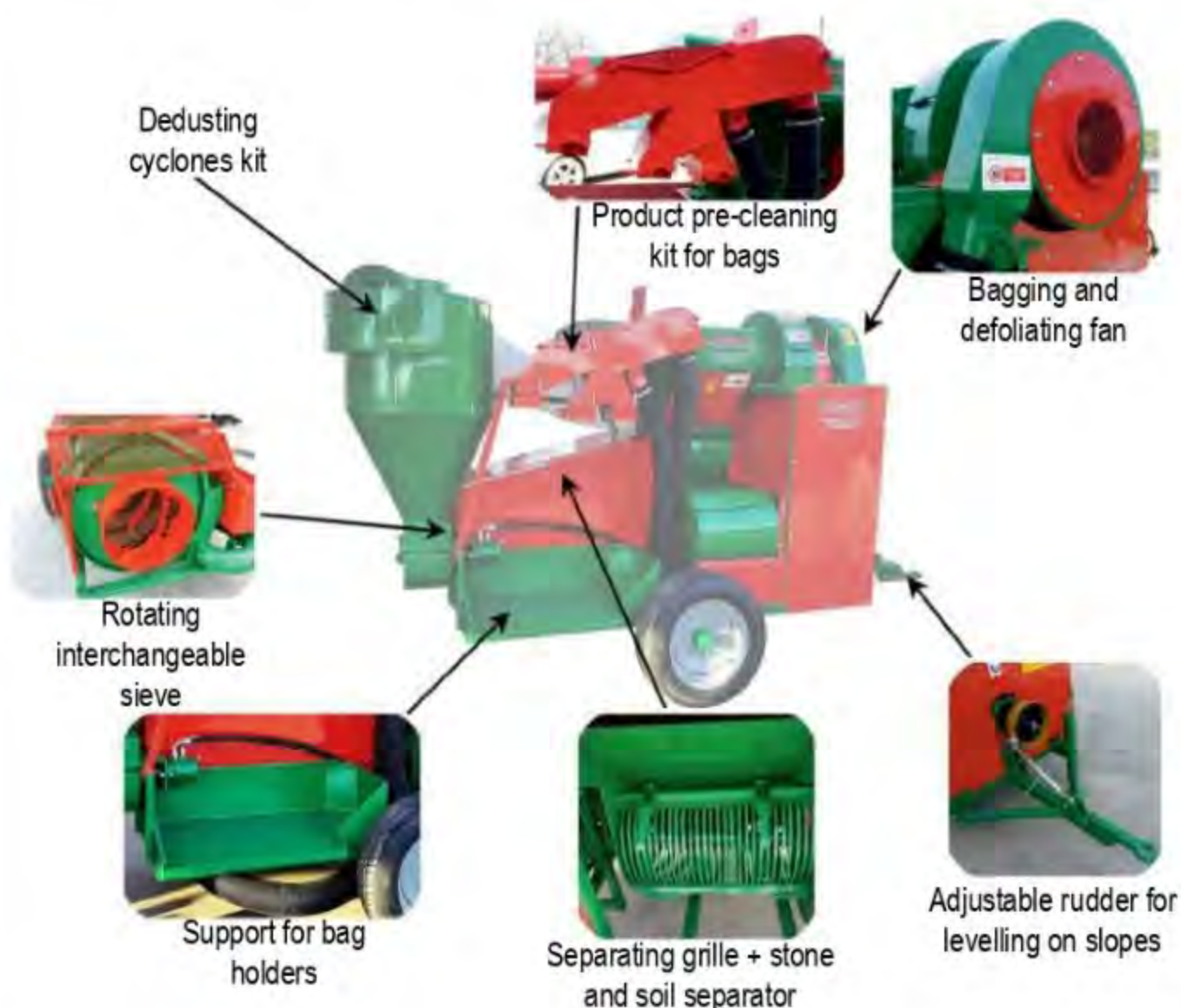
### Accessories



25 m pipe dia. Ø 100



Rotary sieve for hazelnuts dia. Ø 26



MODELS	Height cm	Width cm	Length cm	Dedusting cyclones No.	Potenza Required power kW	Harvesting pipes No.	Average hourly production q/h	Operators No.	Weight kg
Suction harvester model STAR 311	1900	1900	3500	-	50	2/Ø140	10/15	2	900

# Electric cleaner model MEGA 1

## COMPLETE INSTALLATION



### NEW

The MEGA 1 model electric cleaner can be used together with our VEGA dryer, thus creating a complete cleaning system. The VEGA dryer can be equipped with an automatic loading/unloading system on an external container (trailer) without the aid of any operator.

ACCESSORY: pre-cleaning kit



allows to eliminate pruning residues, stones and other impurities before the product goes into the electric cleaner. Thus improve the speed of the cleaning machine.



Loading conveyor  
Pre-cleaning KIT



Pre-cleaning KIT

Loading belt

The mod. Mega 1 electric cleaner is a machine that sifts or separates the product (walnuts, chestnuts, almonds, etc.) from waste material such as stones, leaves, empty fruit and more. The cleaning system is the dry one, because of the air use. The cleaning capacity is about 10/12 quintals/hour, it's powered by a current voltage of 220/230 volts, with an absorption of 3 kw/h (voltage for domestic use). The machine is autonomous, requires only the start-up by the operator, is suitable for small and medium-sized companies.



Outlet for light waste material (leaves, small pieces of wood and empty hazelnuts)



Fan protection grid



Electrical panel



Dirty product container



Clean hazelnuts outlet



Three-point linkage for tractor

MODELS	Height cm	Width cm	Length cm	No. of engines	Potenza Required power kW	Voltage	Average hourly production q/h	Operators No.	Weight kg
Electric cleaner mod. MEGA 1	230	120	165	3	3	220/380	8/10	1	350

# Electric cleaner model MEGA 1S

## COMPLETE INSTALLATION



### NEW

The MEGA 1S model electric cleaner can be used together with our VEGA dryer, thus creating a complete cleaning system. The VEGA dryer can be equipped with an automatic loading/unloading system on an external container (trailer) without the aid of any operator.

ACCESSORY: pre-cleaning kit



allows to eliminate pruning residues, stones and other impurities before the product goes into the electric cleaner. Thus improve the speed of the cleaning machine.



The machine sifts or separates the product (walnuts, chestnuts, almonds, etc.) from waste material such as stones, leaves, empty fruit and more. Unlike the Mega 1 model, the Mega 1s electric cleaner has an inverted cleaning mechanism. First of all, the light parts i.e. leaves, empty fruit are eliminated, then stones and other heavy waste material. The cleaning system is the dry one, because of the air use, the cleaning capacity is about 12/14 quintals/hour. The machine is autonomous, requires only the start-up by the operator, is suitable for small and medium-sized companies.



Outlet for light waste material (leaves, small pieces of wood and empty hazelnuts)



Fan protection grid



Electrical panel



Dirty product container



Clean hazelnuts outlet

Three-point linkage for tractor



MODELS	Height cm	Width cm	Length cm	No. of engines	Potenza Required power kW	Voltage	Average hourly production q/h	Operators No.	Weight kg
Electric cleaner mod. MEGA 1S	230/330	100	100	4	3	220/380	12/14	1	350

# Electric cleaner model MEGA 3

## COMPLETE INSTALLATION



### NEW

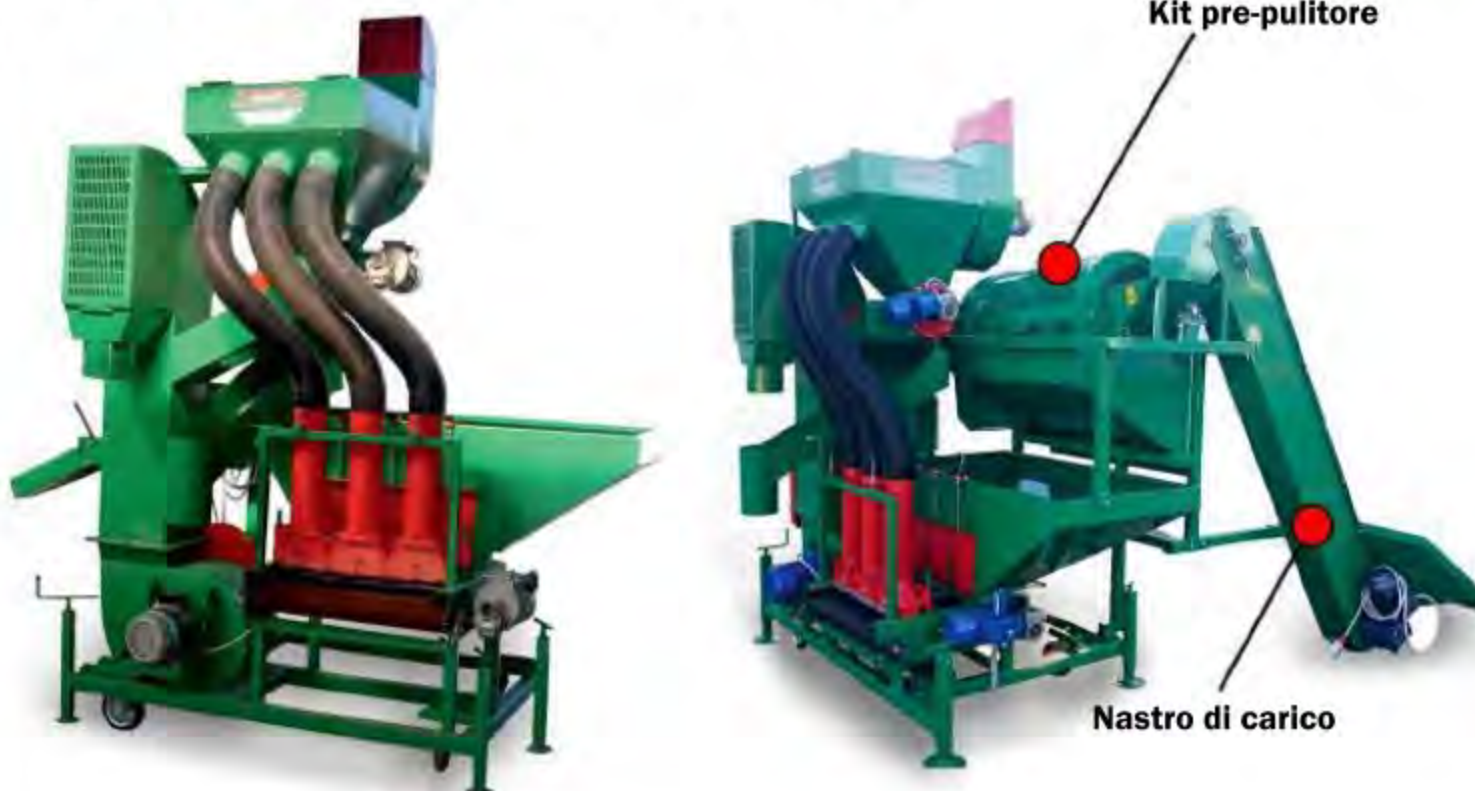
The MEGA 3 model electric cleaner can be used together with our VEGA dryer, thus creating a complete cleaning system. The VEGA dryer can be equipped with an automatic loading/unloading system on an external container (trailer) without the aid of any operator.

#### Accessories Pre-cleaning KIT



It allows removing pruning residues, stones and other impurities before the product goes into the cleaner, thus increasing the speed at which the machine is cleaned.

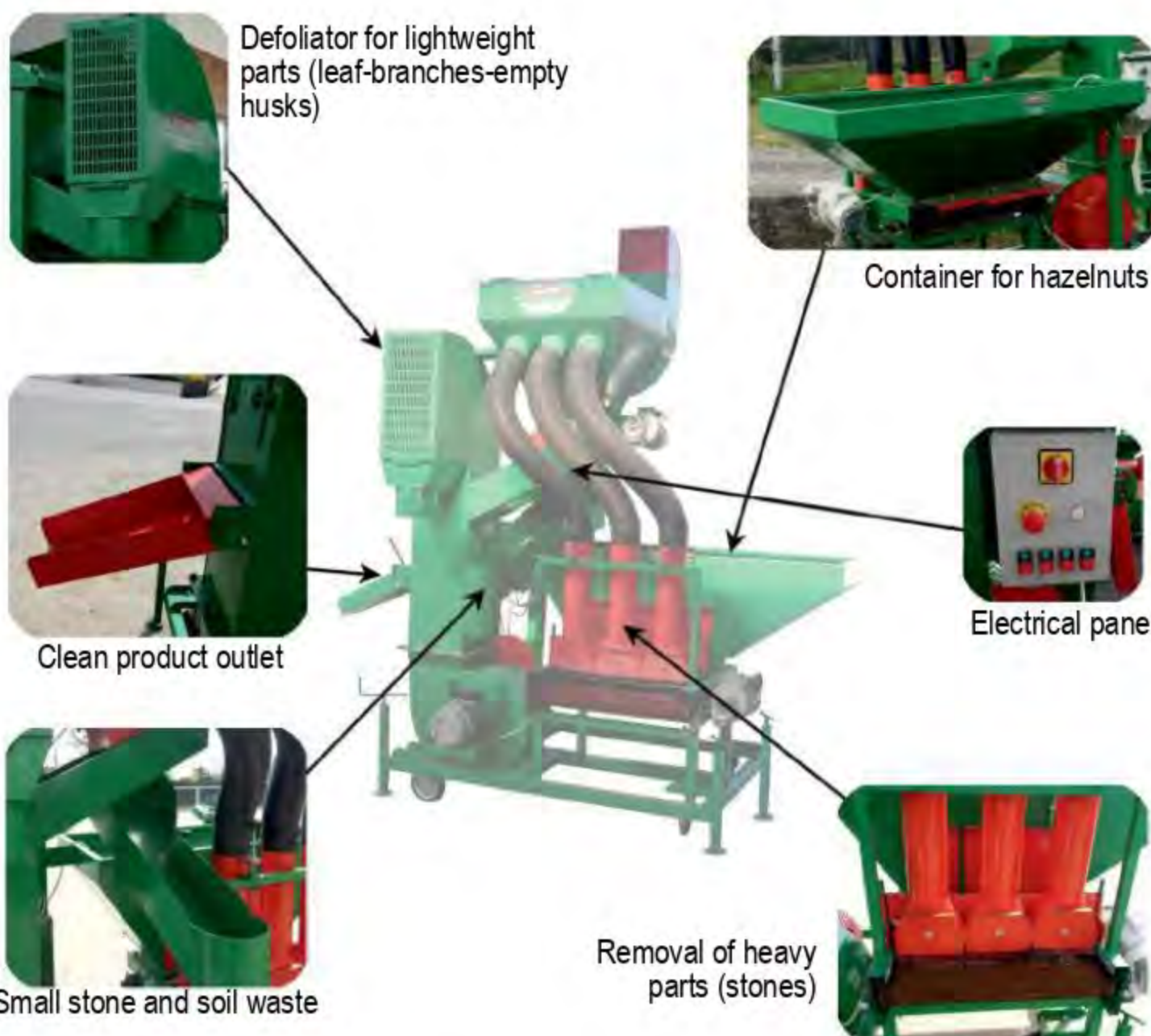
#### Loading conveyor Pre-cleaning KIT



Kit pre-pulitore

Nastro di carico

The machine sifts or separates the product (walnuts, chestnuts, almonds, etc.) from waste material such as stones, leaves, empty fruit and more. The cleaning system is the dry one, because of the air use, and the cleaning capacity is about 25/30 quintals/hour. It's powered by a current voltage of 380 volts, with an absorption of 5.5 Kw/h. The machine is autonomous, requires only the start-up by the operator, is suitable for small and medium-sized companies.



Defoliator for lightweight parts (leaf-branches-empty husks)

Container for hazelnuts

Electrical panel

Clean product outlet

Small stone and soil waste

Removal of heavy parts (stones)

MODELS	Height cm	Width cm	Length cm	No. of engines	Potenza Required power kW	Voltage	Average hourly production q/h	Operators No.	Weight kg
Electric cleaner mod. MEGA3	270	120	160	4	5.5	380	25/30	1	480



# Electric cleaner model MEGA 3S

## COMPLETE INSTALLATION



### NEW

The MEGA 3S model electric cleaner can be used together with our VEGA dryer, thus creating a complete cleaning system. The VEGA dryer can be equipped with an automatic loading/unloading system on an external container (trailer) without the aid of any operator.

Accessories  
Pre-cleaning KIT



It allows removing pruning residues, stones and other impurities before the product goes into the cleaner, thus increasing the speed at which the machine is cleaned.

Loading conveyor  
Pre-cleaning KIT



**DESCRIPTION:** Unlike the Mega 3 model, the Mega 3S electric cleaner has an inverted cleaning mechanism. First of all, the light parts i.e. leaves, empty fruit are eliminated, then stones and other heavy waste material. The machine sifts or separates the product (walnuts, chestnuts, almonds, etc.) from waste material such as stones, leaves, empty fruit and more. The cleaning system is the dry one, because of the air use.



Defoliator for lightweight parts (leaf-branches-empty husks)



Container for hazelnuts



Clean product outlet



Electrical panel



Small stone and soil waste

Removal of heavy parts (stones)



MODELS	Height cm	Width cm	Length cm	No. of engines	Potenza Required power kW	Voltage	Average hourly production q/h	Operators No.	Weight kg
Electric cleaner mod. MEGA 3S	270	120	160	5	5.5	380	25/30	1	480

# Electric cleaner model MEGA 3 plus



**PATENTED**  
machine

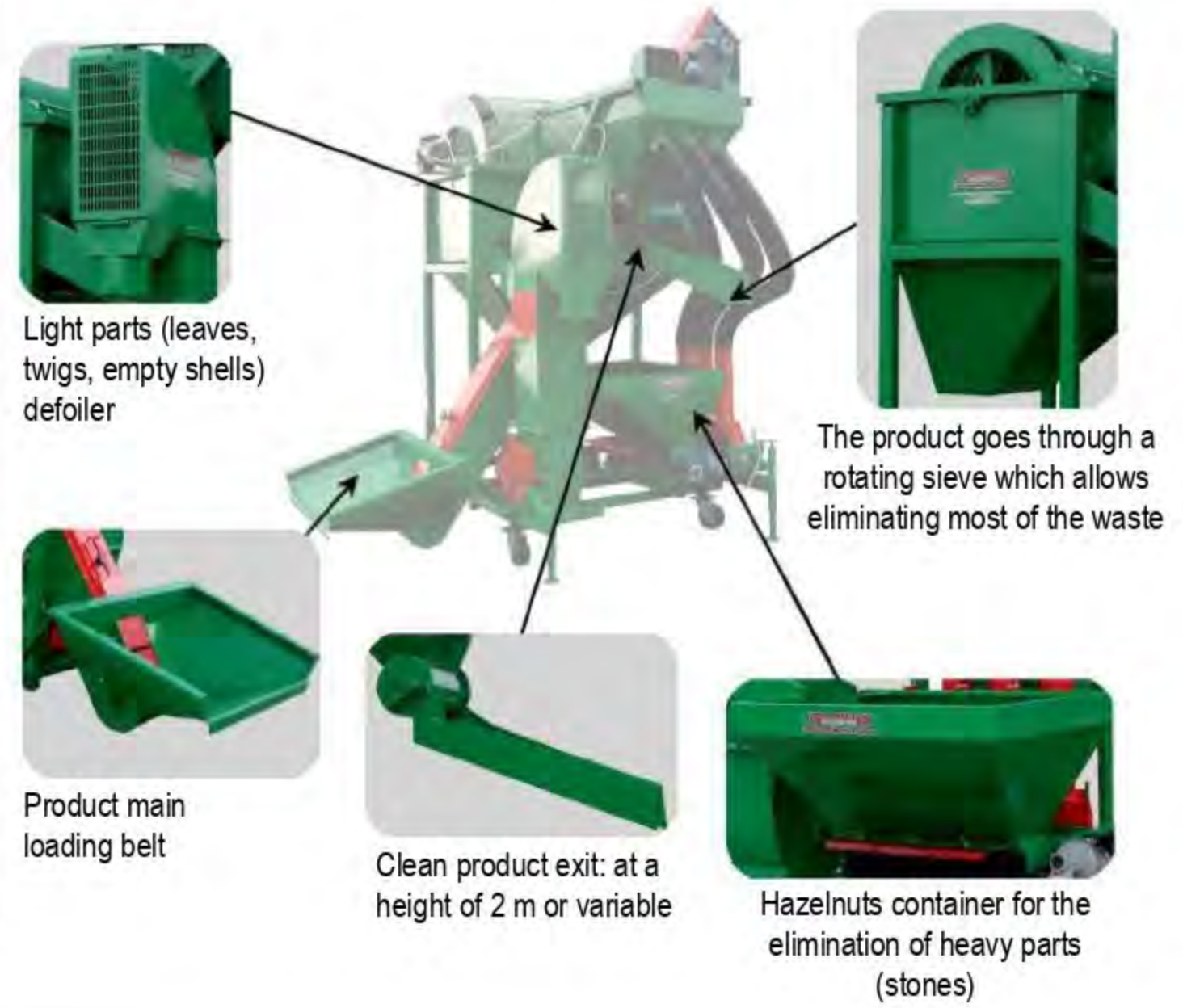


**The mod. Mega 3 plus**, electric cleaner is a machine that sifts or separates the product (walnuts, chestnuts, almonds, etc.) from waste material such as stones, leaves, empty fruit and more. The machine is autonomous, requires only the start-up by the operator. The product is loaded via a conveyor belt. The first step involves the entry of the product into the sieve, where a first and coarse selection is obtained, with the expulsion of earth and large-sized waste. The second step involves further cleaning due to the ventilation of the product which is separated from the lighter material (empty fruit, leaves, twigs). In the final step, the lighter waste such as pebbles and more is eliminated. It's powered by a current voltage of 380 volts, with an absorption of 7 Kw/h, the cleaning capacity is about 30/50 quintals/hour. Suitable for big companies.

**COMPLETE INSTALLATION**



**NEW:**  
The MEGA 3 model electric cleaner can be used together with our VEGA dryer, thus creating a complete cleaning system. The VEGA dryer can be equipped with an automatic loading/unloading system on an external container (trailer) without the aid of any operator.



MODELS	Height cm	Width cm	Length cm	No. of engines	Required power kW	Voltage	Average hourly production q/h	Operators No.	Weight kg
Electric cleaner mod. MEGA3 plus	320	220	240	6	7	380	40/50	1	700

# Electric cleaner model MEGA 4



**The mod. Mega 4**, electric cleaner is a machine that sifts or separates the product (walnuts, chestnuts, almonds, etc.) from waste material such as stones, leaves, empty fruit and more. The machine is autonomous, requires only the start-up by the operator. The cleaning system is the dry one, as only the discs air is used, the rotation allows the fruit to move outwards due centrifugal force effect, thus separating the fruit from the impurities, even those of similar fruit weight. The machine is powered by a current voltage of 220-380 volts, the cleaning capacity is about 10/12 quintals/hour. Suitable for small and medium-sized companies.



trailer R15/PR15

MODELS	Height cm	Width cm	Length cm	No. of engines	Potenza Required power kW	Voltage	Average hourly production q/h	Operators No.	Weight kg
Electric cleaner mod. MEGA4	210	150	340	3	3	220/380	10/12	1	460

# Electric cleaner model MEGA 5

The **MEGA 5** electric cleaner is a cleaning system which provides for the simultaneous use of three cleaning systems:  
A: sifter rotation B: air action C: water use TANK



### TANK:

The water cleaner allows to separate the harvested nuts from the impurities. The introduced product into the separator floats, and the water current transport it towards a grid, the water falls into a recovery tank and the cleaned product goes towards the outlet. The auger transports the impurities and deposit



### SIFTER+DEFOLIATOR:

It's the combination of a sifter cleaner and an air separator, together they sieve the shell fruit from the waste. Once immersed the product inside a rotating sifter it spins quickly and separate the product from the coarse impurities. An air separator provides for a further cleaning removing the lightest waste.

MODELS	Length cm	Height cm	Width cm	Gear motor kW	Washing capacity kg / h	Electric motor HP/kW	Weight kg
TANK	415	185	60	0,75	9.000	1,5/1,1	340

MODELS	Height cm	Width cm	Length cm	No. of motors	Power kW	Voltage	Average hourly production q/h	Operators No.	Weight kg
SIFTER	270	120	165	3	3	220/380	30/40	1	435

# LOADING and UNLOADING ELEVATOR and HOPPER

## LOADING AND UNLOADING ELEVATOR:

Vertical elevator is the most suitable equipment for vertically transport solid and granular products (hazelnuts, chestnuts, almonds, olives, coffee, dried and shelled fruit), considerable capacity. Comes with loop tape. It allows to convey the products from the foot of the elevator up to the top of the silo or other container for storage. We produce 4 elevator models, Tr 400, Tr-500, Tr-600, Tr-700, with variable height, we also produce made-to-measure unloading hoppers.

## HOPPER:

The storage hopper is a container that must be combined with the elevator. There are three types: 3 cubic meters, 4 cubic meters and 5 cubic meters, and of various sizes. On request, it can be integrated with a 30 mm walkable surface grid, in order to prevent the entry of objects larger than the product.



MODEL	DIMENSION	CAPACITY	TYPE OF GRILL
Hopper GR-3	240x200h150	3.5 M <sup>3</sup>	walkable
Hopper GR-4	240x240h250	6 M <sup>3</sup>	walkable

MODEL	DIMENSION	VOLTAGE	POWER
Elevetor TR-3	3000x300	380 Volt	Kw 0.75/1.5
Elevetor TR-4	4000x300	380 Volt	Kw 0.75/1.5
Elevetor TR-5	5000x300	380 Volt	Kw 0.75/1.5

## CUSTOMIZED SYSTEMS 500/1000/1500



MODEL	HEIGHT	WIDTH	POWER	POWER SUPPLY		OPERATING PERSONNEL	DIESEL BOILER	
FUTURA 500	400	INDICATIVE	15	380	—	1	YES	—
FUTURA 1000	400	INDICATIVE	20	380	—	2	YES	—
FUTURA 1500	550	INDICATIVE	25	380	—	2	YES	—

### CUSTOMIZED SYSTEMS 500/1000/1500

Cleaning and drying systems mod. FUTURA 500/1000/1500, they have been made according to the needs of our customers to make them even more efficient and compact. They do not require masonry work or special fixings. They correspond perfectly to our idea of cleaning and drying, speed and autonomy. Rigid screw conveyors are the ideal solution for the transport of shell products over long distances. They can have variable capacity and length, can be integrated into existing systems. They are equipped with a helicoid which rotates on its axis, and exerts an axial thrust on the material contained in the channel. The motorization of these plants can be decided in accordance with the type of production. The Mega 3 plus cleaner is used for dry cleaning of impurities from nuts. The product can be loaded via the conveyor belt or the bucket elevator, the separator fan performs the first sieve of the product, removing the lightest impurities. The washing tank allows the separation of nuts from impurities such as stones, earth, etc. The product introduced into the tank is pushed by a water jet (immersion pump) towards the grate where the water is conveyed towards the recovery tank and the product towards the outlet.

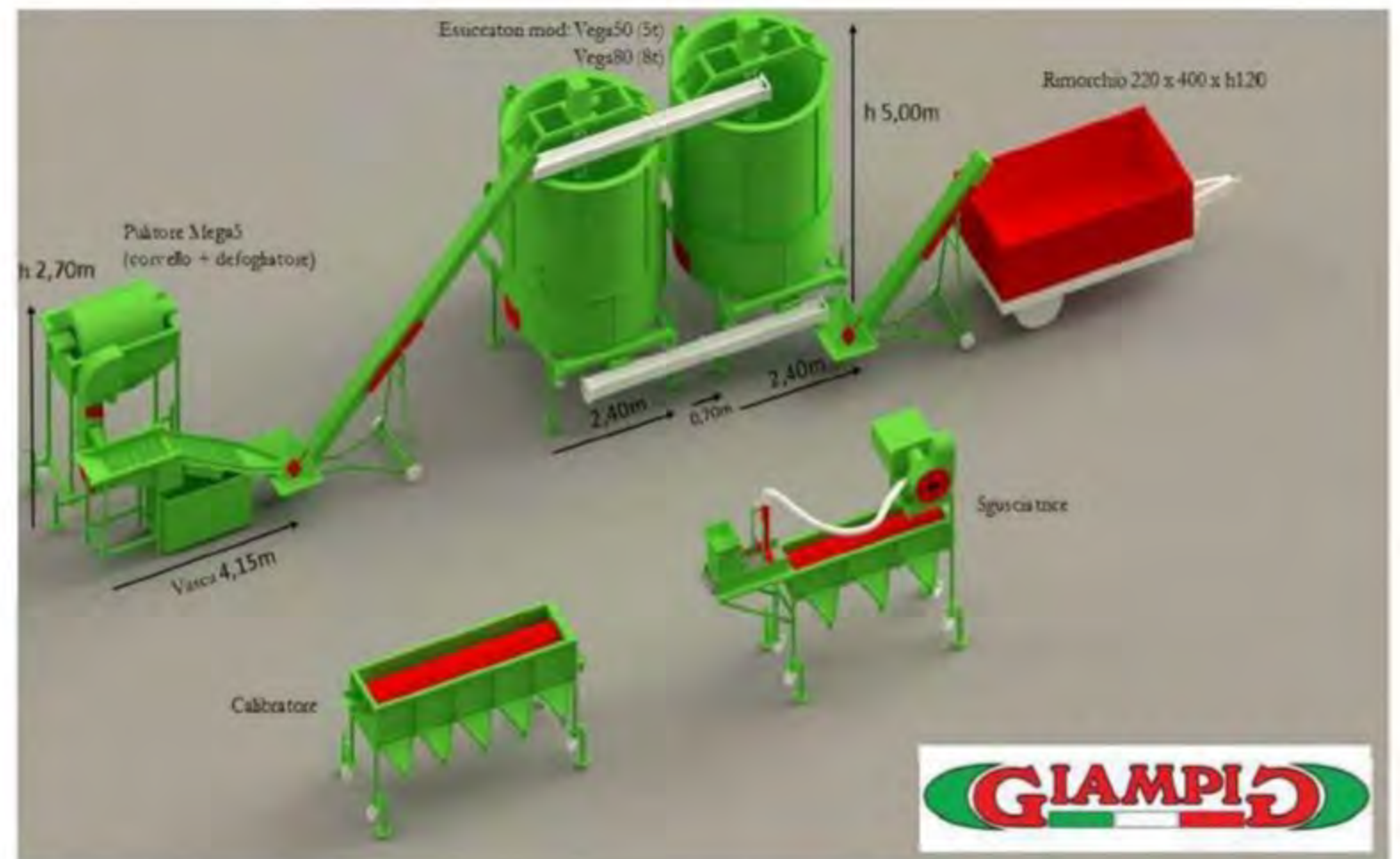
Tank/auger: equipped with water recovery tank, immersion pump, grill and auger. By means of an auger the stones are continuously taken from the bottom and discharged directly into an external container. The Giampi dryer offers a simple and economical solution for drying shell products. The models start from a minimal capacity of 4.5 cubic meters up to a maximum of 20 cubic meters, they can be arranged in line and reach the required capacity. A central auger continuously mixes the product, which can also be ventilated with unheated air. When the product reaches the required degree of humidity it's extracted due to the force of gravity from the lower part of the container/silo through a shutter and removed with an adequate transport system. This process considerably reduces the drying cycle and to keep the organoleptic qualities of the fruit unaltered.

# WE DESIGN CLEANING AND DRYING LINES AND PLANTS



**We design and build drying plants from 1 to 100 tons. We manage to obtain the maximum result with the minimum amount of space.**

**The plant shown represents a complete supply chain. Product cleaning, drying, sizing and shelling.**



**Our systems are autonomous and modular, with variable capacity, easy to use and do not require structural installation interventions.**

# Dryer model VEGA 10/15/20

## INCLUSIVE SYSTEM



### NEW

The Vega 10-15 model electric cleaner can be used together with our Mega dryer, thus creating a complete cleaning and drying system. The dryer can be equipped with an automatic loading and unloading system on an external container (trailer), without the aid of any operator.



### Accessories Humidity GAUGE



**The Vega 10-15** model dryer allows the drying of products in shell such as: hazelnuts, chestnuts, almonds, macadamia nuts, olives, coffee and all shell fruits. Dries with a simple and economical solution as the lower part of the drying tank containing hot air corresponds to a third of the dryer volume. This allows to reduce significantly time and consumption. The dryer can be equipped with an optional loading/unloading system which allows to load the fruit inside the machine and unloaded onto an external container, without the aid of other machinery or the use of manpower. The machine rests on a main frame equipped with four wheels for movement. The height of the entire structure is 3 meters.



MODELS	Height cm	Width cm	Power kW	Voltage	No. of engines	Operators No.	Diesel boiler kcal	Weight kg
Dryer mod. VEGA 15	300	200	3	220/380	2/4	1	48.000	800
Dryer mod. VEGA 10	240	200	3	220/380	2/4	1	40.000	700



# Dryer model VEGA 30

## INCLUSIVE SYSTEM



### NEW

The Vega 30 model electric cleaner can be used together with our Mega dryer, thus creating a complete cleaning and drying system. The dryer can be equipped with an automatic loading and unloading system on an external container (trailer), without the aid of any operator.



Accessories  
Humidity GAUGE



Reduced drying times,  
Reduced diesel consumption



The Vega 30 model dryer allows the drying of products in shell such as: hazelnuts, chestnuts, almonds, macadamia nuts, olives, coffee and all shell fruits. Dries with a simple and economical solution as the lower part of the drying tank containing hot air corresponds to a third of the dryer volume. This allows to reduce significantly time and consumption. The dryer can be equipped with an optional loading/unloading system which allows to load the fruit inside the machine and unloaded onto an external container, without the aid of other machinery or the use of manpower. The machine rests on a main frame equipped with four wheels for movement. The height of the entire structure is 3,30 meters.



MODELS	Height cm	Width cm	Power kW	Voltage	No. of engines	No. of operators	Diesel boiler kcal	Weight kg
Dryer mod. VEGA 30	330	240	6	380	2/4	1	70.000	950

# Dryer model VEGA 50/80/120

## INCLUSIVE SYSTEM



### NEW

The Vega 50 model electric cleaner can be used together with our Mega dryer, thus creating a complete cleaning and drying system. The dryer can be equipped with an automatic loading and unloading system on an external container (trailer), without the aid of any operator.



### Accessories Humidity GAUGE



Reduced drying times,  
Reduced diesel consumption



**RIELLO**  
BURNER



Model std

The Vega 50 /80 model dryer allows the drying of products in shell such as: hazelnuts, chestnuts, almonds, macadamia nuts, olives, coffee and all shell fruits. Dries with a simple and economical solution as the lower part of the drying tank containing hot air corresponds to a third of the dryer volume. This allows to reduce significantly time and consumption. The dryer can be equipped with an optional loading/unloading system which allows to load the fruit inside the machine and unloaded onto an external container, without the aid of other machinery or the use of manpower. The machine rests on a main frame equipped with four wheels for movement. The height of the entire structure is 4 meters.



MODELS	Height cm	Width cm	Power kW	Voltage	No. of engines	Operators No.	Diesel boiler kcal	Weight kg
Dryer mod. VEGA 50	400	280	7	380	2/4	1	70.000	1000
Dryer mod. VEGA 80	550	280	7	380	2/4	1	80.000	1300

# Rotating dryer model DELTA

**PATENTED  
machine**



**RIELLO  
BURNER**

**Rotary dryer Delta** mod. is suitable for drying the hazelnuts, chestnuts, almonds, wood chips, coffee, macadamia nuts etc. Cylindrical structure rotates on itself through horizontal movement rotation, move continuously the product inside, and obtain a homogeneous drying. A boiler with an external oil burner generates hot air from 20° to 90°, an external thermostat regulates the temperature. Two great advantages follow: first, reduction of drying time, second energy saving. The machine rests on an iron frame, equipped with rollers through which the dryer turns on itself, generates a cylindrical movement. A hydraulic flow variator and a rotation reverser regulate the speed of variation. This inverter generates the automatic unloading of the product through a lower auger.



MODELS	Height cm	Width cm	Power kW	Voltage	No. of engines	No. of operators	Diesel boiler kcal	Weight kg
Dryer mod. VEGA 15	300	240	6	380	4	1	80.000	2.000

# Trailer model R/15



**NEW**

Rudder adaptable, the trailer mod. R/15 is also approved for road use with the trailed harvester.



**Particularly suitable for hazelnut groves**

Multi-purpose agricultural trailer, suitable for the collection of nuts and for transport by removing the cover. Built with a steel frame, it's equipped with rear hydraulic tipping. The cover has a pyramidal shape rounded on all four corners, which allows to facilitate the passage near and under the plant without damaging them.



Opening/closing the unloading hatch



Outlets



Defoliation grille



Light protection



MODELS	Width cm	Length cm	Height from the ground with cover cm	Capacity c. m	-	-	-	-	-
Trailer model R/15	140	230	165	3	-	-	-	-	-

# Trailer model PR/15



**NEW**  
Rudder adaptable, the trailer mod. PR/15 is also approved for road use with the trailed harvester.



## Particularly suitable for hazelnut groves

Multi-purpose agricultural trailer, suitable for the collection of nuts and for transport by removing the cover, it's equipped with rear hydraulic tipping, and pantograph riser equal to a height of 2.30 meters. It's built with a U-type steel frame which allows the pantograph guide to always be clean. Pyramidal cover shape, rounded on all four corners allows the facilitated passage near and under the plant without damaging them.



Opening/closing the unloading hatch



Outlets



Defoliation grille



MODEL	Width cm	Length cm	Height from the ground with cover cm	Capacity c. m	Riser cm	.	.	.	.
Trailer model PR/15	140	240	165	3,5	230	.	.	.	.

# Hydraulic tipper three-side trailer

**STANDARD:**

- Smooth plate platform.
- Top/bottom opening of the tailgate.
- Hydraulic brake.
- Hydraulic tipping.
- Standard wheels (regrooved)
- Rear nozzle for hazelnuts.
- Single axle hydraulic three-side trailer.



## Three-side riser



MODEL	Width cm	Length cm	Height of sides cm	Capacity c. m	side boards	capacity	
Three-side trailer mod. PRT 180x300x 50	180	300	60	3,24	h 45	8,7	-
Three-side trailer mod. PRT 200x350x50	200	350	60	4,2	h 45	7,35	-
Three-side trailer mod. PRT220x400x50	220	400	60	5,28	h 45	13,2	-

# Trailer for transport single-axis agricultural machine and bale handler with hydraulic twin wheels



### STANDARD:

- Ashlar plate platform.
- Double acting hydraulic piston.
- Hydraulic brake (industrial use).
- Hand brake.
- Rear ramp.
- Front winches.
- Used tyres.

MODEL	DIMENSIONS OF OUTER TIPPER	APPROVED CAPACITY	USED WHEELS
GMP - C	250 + 500	5000	215/75 R 17,5
GMP - C	250 + 500	6000	215/75 R 17,5
GMP - C	250 + 600	5000	235/75 R 17,5
GMP - C	250 + 600	6000	235/75 R 17,5

### UPON REQUEST:

- Hydraulic brake with drive
- Hydraulic foot.
- Tool box.
- Front and rear poles
- Galvanized side boards (each unit).

## BOX for storage



**Produced with sheet metal hopper, side grid for product ventilation, cushion under the hopper for fruit unloading, stackable by interlocking, transportable with pallet trucks.**

MODEL	Dimensions
BOX for storage	oversized dimensions h 1760 x 1200 x 1200

# ELEVABILE BOX



## ELEVABILE BOX

Designed for the collection and transport of hazelnuts, almonds, chestnuts, etc., it adapts to any type of vehicle such as tractors, harvesting machines, self-propelled vehicles and more.

MODEL	Height cm	Width cm	Depth cm	Loading height cm	Capacity c. m	Weight kg
TIPPER model ELEVABILE	104	150	80	230	1,3	195

**New**  
hydraulic elevation with forklift-type rise and hydraulic-opening unloading

# MULTIFUNCION BOX



**Standard fork**

**Tipper**



MODEL	Height cm	Width cm	Depth cm	Loading height cm	Capacity c. m	Weight kg
Tipper model Multifunzione	90	120	80	250	0,9	250

Designed for the collection and transport of hazelnuts, almonds, chestnuts, etc., it adapts to any type of vehicle such as tractors, harvesting machines, self-propelled vehicles and more. The chassis can be used with interchangeable tools such as the container and the fork.

# MULTIPURPOSE HYDRAULIC



**Fork**



**Tipper**

MODEL	Riser kg	Riser h	Weight kg	Height with tipper	Tipper capacity
Forklift 120	700	1200	160	h 210	0,9 m <sup>3</sup>
Forklift 180	700	1800	175	h 240	0,9 m <sup>3</sup>
Forklift 200	700	2000	190	h 280	0,9 m <sup>3</sup>

designed for moving, loading/unloading materials or pallets. It's built of steel with foldable forks for road circulation. With the container (accessory) can be used for collection and unloading into a container with a maximum height of 280 cm.



# SHELLER of HAZELNUTS mod. SG 300



## Nut sheller mod.SG 300

Is a big performance machine despite its small size. Separate the shell from the fruit and calibrate the product. N.B. / NOTE Calibrator and sheller for single or combined sale.

- Calibrator and shelling machine for single or combined sale

MODEL	WIDTH	LENGTH	HEIGHT	WEIGHT	CYLINDER	CAPACITY	POWER
SHELLER	1.10	2.60	2.20	300 kg		60/100	V220 - V380

SHELLED CALIBER 10/12 - 12/14 - 14/16 - 16/18 - 18/20-

# Manual SHELLING MACHINE

suitable for hazelnuts, almonds, walnuts and all kinds of nuts

**SG-M SG-15 SG-30**



**MANUAL SHELLER**

Suitable for hazelnuts, almonds, walnuts and all types of nuts. Manual feed sheller with medium variable capacity. Suitable to separate the hazelnut seed from its shell. Ideal for home production or low consumption. The work cycle of manual sheller can be divided into three phases.

**ELECTRIC SHELLER**  
 Suitable for hazelnuts, almonds, walnuts and all types of nuts. Shelling machine with single-phase power supply with 12kg/h capacity. Ideal for semi-industrial production. The work cycle of the electric peeler can be divided into three phases.



MODELS		Width cm	Length cm	Height cm	Capacity kg/h	Weight kg	Product feeding
SHELLING	SG-M	37	35	50	VARIABLE	28	-----
SHELLING	SG-15	37	35	50	12	28	220 VOLT
SHELLING	SG-30	52	35	50	22	38	220 VOLT

## SHELLING MACHINE SG 50/70

**THE SHELLING MACHINE SG-50/70** is a machine that shells the nuts and is equipped with a manual adjustment capable of breaking various sizes of fruit



MODELS		Width cm	Length cm	Height cm	Capacity kg/h	Weight kg	Product feeding
SHELLING	SG-50	70	120/220	200	40	80/160	220/380
SHELLING	SG-70	70	120/220	200	70	90/170	220/380

# CALIBRATOR for nuts (hazelnuts, chestnuts, coffee, walnuts, almonds, etc.)



Fruit calibrator for hazelnuts, chestnuts, coffee, walnuts, almonds, etc.: the machine calibrates the product by means of standard - diameter perforated cylinders. Available upon request, according to size and the type of fruit to be calibrated, and in various calibration sequences



DATI TECNICI TECHNICAL DATA		CAL 2+1	CAL 3+1	CAL 4+1
LUNGHEZZA - LARGUEZA - LENGTH - LOUNGUEUR	MM	2750	3800	4800
ALTEZZA - ALTURA - HEIGHT - HAUTER	MM	2380	2380	2380
LARGHEZZA - ANCHURA - WIDTH - LARGEUR	MM	1100	1100	1100
PESO MACCHINA A VUOTO - PESO MAQUINAVACIA - WEIGHT OF EMPTY MACHINE - POIDS MACHINE VIDE	KG	210	270	330
MOTORE ELETTRICO - MOTOR ELETRICO - ELECTRIC MOTOR - MOTEUR ELECTRIC	KW	0.25	0.37	0.75
TENSIONE DI COLLEGAMENTO - TENSION DE CONEXION - CONNECTION TENSION - TENSION DE CONNEXION	V	220/380	220/380	220/380
NOCCIOLE - AVELLANAS - HAZELNUTS - NOISETTES	FORI	1° 15 mm	2° 17 mm	3° 19 mm
GRIGLIA CALIBRATICE STANDARD PER CASTAGNE - CASTANAS - CHESTNUTS - CHATAIGNES	FORI	1° 25 mm	2° 27 mm	3° 30 mm
CAPACITA' PRODUTTIVA PRODUCTION CAPACITY	KG/H	800 cylinder	MAX 1300	
CAPACITA' PRODUTTIVA PRODUCTION CAPACITY	KG/H	500 cylinder	MAX 600	



## ROPE SHAKER

**Mechanical rope shaker usable for harvesting hanging fruit: olives, walnuts, chestnuts.**

**Can be used with tractors from 30 to 90 hp. Equipped with strap (to be wrapped around the trunk by 15-20 cm), steel cable and universal joint.**



## VIBRATING HOPPER



The vibrating hopper is a container that can accurately dose the hazelnuts for the removal of the hazelnut damaged by mold or in the presence of bugs. It is made entirely of stainless steel and is an indispensable tool to be applied on the flat sorting belt for perfect cleaning of the shelled product.

## TOASTER



It allows to toast the already selected and shelled product. Roasting is very important for sale and storage. The GIAMPI toaster allows you to toast 15 kg per hour

MODEL	DIMENSION	DIMENSION	HOURLY	POWER SUPPLY	WEIGHT
Vibrating Hopper	50X50	140	--		KG 350
Toster	60X80	140	15 KG		KG 250

## FRONT LIFT



### ACCESSORIES

Particularly useful because positioned in front of the tractor it allows the coupling of any implement that has a universal three-point hitch. The front lift can be placed in a frontal position during machining. It's available for tractors such as: FIAT, NEW HOLLAND, LANDINI, LAMBORGINI, CARRARO, GOLDONI. Available upon request for models not included in the list.

## Conveyor BELT



MODELLO	Larghezza mm	Altezza mt
Nastro trasp.	200	4
Nastro trasp.	200	5
Nastro trasp.	200	6
Nastro trasp.	250	4
Nastro trasp.	250	5
Nastro trasp.	250	6

Suitable for loading and unloading products such as hazelnuts, chestnuts, walnuts, almonds, olives, coffee, etc. Mechanized soft rubber pallets, allows the fruit integrity in the loading/unloading phases, a hopper and a guillotine are responsible of product regulation. The machine is electrically supplied.



## Sorting BELT model Piano

Manual selection of fruit and nuts.

MODEL	Length cm	Width cm	Voltage	Operators	Belt speed
Sorting belt	300	100	V 220 V380	4	variable with variator
Sorting belt	variable	100	V 220 V380	variable	variable with variator

## Fan model SILVA 2



Nozzles + Autonomous gait

MODEL	Engine output CV	Tubes m	Turning PTO
Fan model Silva 2	50 - 90	2 Ø 120 x 25 mt	540
Fan model Silva 2 with nozzles	50 - 90	2 Ø 120 x 25 mt	540

Designed for tractor's P.T.O, its function is to create swaths or rows for the following harvest stage.

# HUSKING MACHINE for almonds



MODEL		Dimensions	Motor	Kg	Hourly production
HUSKING MACHINE for almonds	SM-300	1780 x 20 x 1350	Single-phase electric	105	300 kg/h
HUSKING MACHINE for almonds	SM-600	1780 x 50 x 1350	Double-phase electric	105	600 kg/h

# HUSKING MACHINE for walnuts



MODEL		Dimensions	Motor	Kg	Hourly production
HUSKING MACHINE for walnuts	SN-150	80X80H125	Single-phase electric	150	150kg/h
HUSKING MACHINE for walnuts	SN-300	98X98H135	Single-phase electric	250	300 kg/h

# Trailed sprayer model BREZZA ecoline



**OPTIONAL**  
HOSE REEL KIT

The trailed sprayer is suitable for any type of work, is designed for the assembly of weeding bars, hose reels or the cannon/fan kit, thus becoming a complete sprayer. The machine is complete with road homologation.

## OPTIONAL



"Double cochlea" kit



"Fan" kit



"Cannon" kit

MODEL	BREZZA eco 1000	BREZZA eco 1500	BREZZA eco 2000	BREZZA eco 3000
Capacity l	1000	1500	2000	3000
KW	30/50	45/65	50/70	60/70
HP	40/70	61/89	75/95	80/95
PTO turning	540	540	540	540
Hubs	Adjustable	Adjustable	Adjustable	Adjustable

# Trailed sprayer model BREZZA standard



Ideal for use in hazelnut groves



**New**

Double exit fan kit.



**Application**

Optional fan kit.

The Brezza atomizer is also called a large air volume "turbo atomizer". It's suitable for crops that need a large boost of air such as hazel groves, orchards, olive groves and other tall trees. Characterized by a particular design, its small dimensions suit perfectly for low plantations. The tank is made of polyethylene (ecological and repairable), with a maintenance tank (circuit washer), the main tank capacity is of 10%. The hand washing group is incorporated in the main tank, has an external suction filter with anti-emptying valve and double nozzles with brass anti-drip. The fan kit for the Brezza 600 has an internal diameter of 720 mm, for the Brezza 1000 it's of 820 mm, while for the 1500/2000/3000 models it's equal to a diameter of 920 mm. The nylon impeller with variable volume, the two-speed gearbox plus idle and the double impeller kit allow to obtain a homogeneous air flow over the entire diameter of the impeller, giving a uniform treatment. The frame is in galvanized bent sheet metal.

Adjustable fan with a diameter of  
Ø 720 on BREZZA 600 standard.  
Y= m 6.00 Z = m 14.00

Adjustable fan with a diameter of  
Ø 820 on BREZZA 1000 standard.  
Y= m 8.00 Z = m 18.00

Adjustable fan with a diameter of Ø 920  
on BREZZA 1500/2000/3000 standard.  
Y= m 10.00 Z = m 20.00



MODELS	BREZZA 600	BREZZA 1000	BREZZA 1500	BREZZA 2000	BREZZA 3000
Capacity l	600	1000	1500	2000	3000
KW	15/36	30/50	45/65	50/70	60/70
HP	25/50	40/70	61/89	75/95	80/95
Speed	1+neutral	2+neutral	2+neutral	2+neutral	2+neutral
Jets	14	14	14	14	14
Fan diameter	720	820	820/920	820/920	820/920
Fan blades	8	8	8	8	8
Turning PTO	540	540	540	540	540
Hubs	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable



# Trailed sprayer model BREZZA turbo

Ideal for use in hazelnut groves



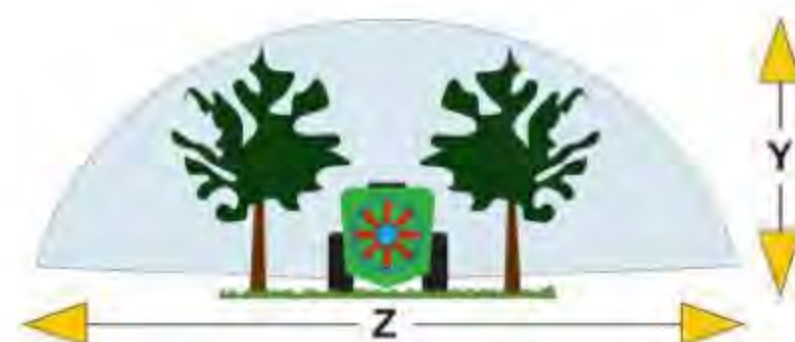
**New**  
Double entry fan kit



The Brezza atomizer is also called a large air volume "turbo atomizer". It's suitable for crops that need a large boost of air such as hazel groves, orchards, olive groves and other tall trees. Characterized by a particular design, its small dimensions suit perfectly for low plantations. The tank is made of polyethylene (ecological and repairable), with a maintenance tank (circuit washer), the main tank capacity is of 10%. The hand washing group is incorporated in the main tank, has an external suction filter with anti-emptying valve and double nozzles with brass anti-drip. The fan kit for the Brezza 600 has an internal diameter of 720 mm, for the Brezza 1000 it's of 820 mm, while for the 1500/2000/3000 models it's equal to a diameter of 920 mm. The variable volume aluminum fan, with expansion clutch, the two-speed gearbox plus neutral and the double inlet fan kit allow you to obtain a homogeneous air flow over the entire diameter of the fan, giving a uniform treatment. The frame is in galvanized bent sheet metal.

Adjustable fan with a diameter of  $\varnothing$  850 on BREZZA 1000 turbo.  
Y = m 10.00      Z = m 18.00

Adjustable fan with a diameter of 920 on BREZZA 1500/2000/300 turbo  
Y = m 11,00      Z = m 20.00



MODEL	BREZZA 1000 turbo	BREZZA 1500 turbo	BREZZA 2000 turbo	BREZZA 3000 turbo
Capacity l	1000	1500	2000	3000
KW	30/50	45/65	50/70	50/70
HP	40/70	61/89	75/95	80/95
Speed	2 +neutral	2 +neutral	2 +neutral	2 +neutral
Jets	14	14	14	14
Fan diameter	820	920	920	920
Fan blades	8	8	8	8
Turning PTO	540	540	540	540
Hubs	Adjustable	Adjustable	Adjustable	Adjustable

# Trailed sprayer model BREZZA plus



Ideal for use in hazelnut groves

### NEW

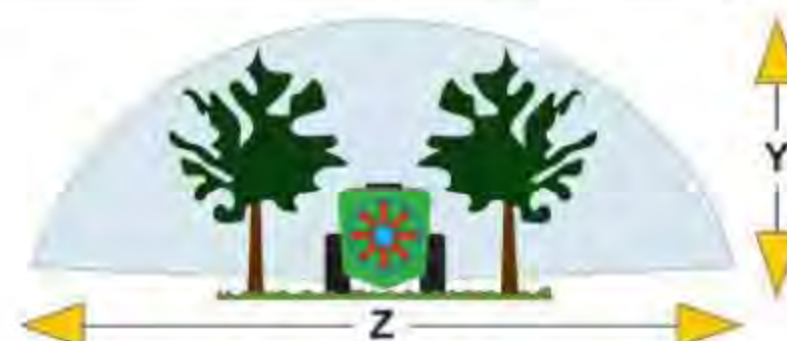
The tank side suction fan is particularly suitable in situations with large quantities of foliage. Front suction system prevents clogging of the machine or uneven atomization.



The Brezza atomizer is also called a large air volume "turbo atomizer". It's suitable for crops that need a large boost of air such as hazel groves, orchards, olive groves and other tall trees. Characterized by a particular design, its small dimensions suit perfectly for low plantations. The tank is made of polyethylene (ecological and repairable), with a maintenance tank (circuit washer), the main tank capacity is of 10%. The hand washing group is incorporated in the main tank, has an external suction filter with anti-emptying valve and double nozzles with brass anti-drip. The fan kit for the Brezza 600 has an internal diameter of 720 mm, for the Brezza 1000 it's of 820 mm, while for the 1500/2000/3000 models it's equal to a diameter of 920 mm. The variable volume nylon valve, with centrifugal clutch (only for Brezza plus 1500/2000/3000), the two-speed gearbox plus neutral and the double fan kit at the outlet allow for a homogeneous air flow over the entire diameter of the impeller giving a uniform treatment. The frame is in galvanized bent sheet metal.

Adjustable fan with a diameter of  $\varnothing$  820 on BREZZE plus 1000 Y = 9.00 m Z = 16.00 m

Adjustable fan with a diameter of  $\varnothing$  920 on BREZZA plus 1500/2000/3000 Y = 11.00 m Z = 20.00 m



MODEL	BREZZA 600 plus	BREZZA 1000 plus	BREZZA1500 plus	BREZZA 2000 plus	BREZZA 3000 plus
Capacity l	600	1000	1500	2000	3000
KW	15/36	30/50	45/65	50/70	60/70
HP	25/50	40/70	61/89	75/95	80/95
Speed	2 +neutral	2 +neutral	2 +neutral	2 +neutral	2 +neutral
Jets	14	14	14	14	14
Fan diameter	720	820	920	920	920
Fan blades	8	8	8	8	8
Turning PTO	540	540	540	540	540
Hubs	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable

# The sprayer mod. BORA



Ideal for use in hazelnut groves

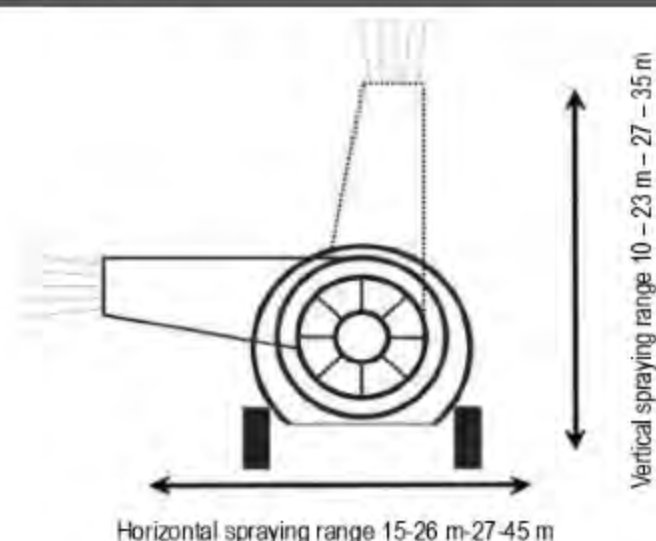


"Cannon" kit



"Double cochlea" kit

The Bora model atomizer, called "turbine", is characterized by a large volume of air, and suitable for crops that need a large boost of air such as plantations with large trunks (chestnut, poplar and walnut groves, etc.). The Bora atomizer has a characteristic design due to its small volume, it's suitable for low plantations. The tank is made of ecological polyethylene and can be repaired with a maintenance tank (circuit washer) with a capacity of 10% of the main tank. The hand washing group is incorporated in the main tank, has an external suction filter with anti-emptying valve and double jets with brass anti-drip. The machine can be equipped with a "cannon" kit, particularly suitable for plantations with tall trees, and with an "adjustable double scroll" kit which also allows you to treat low plants such as hazelnut trees, olive trees, vineyards, orchards, etc. In this way the machine can be used according to different needs. The fan kit used in all Bora models has a diameter of 450mm for 2 turbines, both for the application of the cannon kit and for the double scroll kit. The change of speed is two gears plus neutral. The frame is made of hot-dip galvanized sheet metal.



MODEL	BORA300	BORA 400	BORA 600
Capacity l	300	400	600
kW	30/45	45/60	50/68
HP	40/60	60/80	70/90
Speed	2 +neutral	2 +neutral	2 +neutral
Jets	14	14	14
Fan diameter	450	450	450
Fan blades	double turbine	double turbine	double turbine
Turning PTO	540	540	540

# Trailed sprayer model BUFERA

**BUFERA 600**



Ideal for use in hazelnut groves

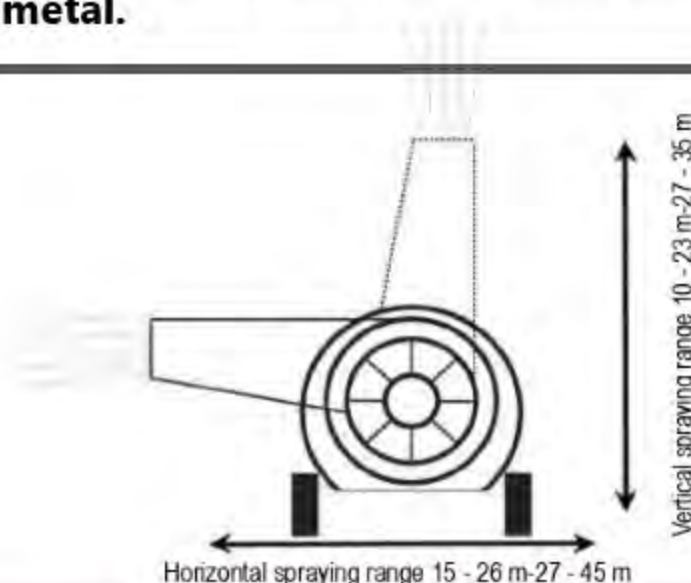


"Cannon" kit with or without hydraulic piston



"Double cochlea" kit

The Bora model atomizer, called "turbine", is characterized by a large volume of air, and suitable for crops that need a large boost of air such as plantations with large trunks (chestnut, poplar and walnut groves, etc.). The Bora atomizer has a characteristic design due to its small volume, it's suitable for low plantations. The tank is made of ecological polyethylene and can be repaired with a maintenance tank (circuit washer) with a capacity of 10% of the main tank. The hand washing group is incorporated in the main tank, has an external suction filter with anti-emptying valve and double jets with brass anti-drip. The machine can be equipped with a "cannon" kit, particularly suitable for plantations with tall trees, and with an "adjustable double scroll" kit which also allows you to treat low plants such as hazelnut trees, olive trees, vineyards, orchards, etc. In this way the machine can be used according to different needs. The fan kit used in all Bora models has a diameter of 450mm for 2 turbines, both for the application of the cannon kit and for the double scroll kit. The change of speed is two gears plus neutral. The frame is made of hot-dip galvanized sheet metal.



MODEL	BUFERA 600	BUFERA 1000	BUFERA 1500	BUFERA 2000
Capacity l	600	1000	1500	2000
KW	37/52	37/52	45/65	52/75
HP	50/70	50/70	60/85	70/100
Speed	2 +neutral	2 +neutral	2 +neutral	2 +neutral
Jets	14	14	14	14
Fan diameter	450 + 2	450 + 2	450 + 2	450 + 2
Fan blades	double turbine	double turbine	double turbine	double turbine
Turning PTO	540	540	540	540
Hubs	3-position adjustment	3-position adjustment	3-position adjustment	3-position adjustment

# Sprayer model NEBBIA plus



Plus fan kit  
(for features see BREZZA PLUS technical sheet)



Ideal for use in hazelnut groves

Double exit fan kit.



Standard double fan kit

The NEBBIA atomizer, called "turbine", is characterized by a large volume of air, and suitable for crops that need a large boost of air such as plantations with large trunks (chestnut, poplar and walnut groves, etc.). The Bora atomizer has a characteristic design due to its small volume, it's suitable for low plantations. The tank is made of ecological polyethylene and can be repaired with a maintenance tank (circuit washer) with a capacity of 10% of the main tank. The hand washing group is incorporated in the main tank, has an external suction filter with anti-emptying valve and double jets with brass anti-drip. The fan kit used in all Nebbia models has a diameter of 720mm. Depending on the request, the diameter can vary to 820mm or 920mm. The machine is equipped with two variants of nylon variable volume impellers, the first with a gearbox of one plus idle equal to a diameter of 620/720mm, the second with a gearbox of two plus idlers and a diameter equal to 820/920. The frame is made of hot-dip galvanized sheet metal.

Fan with a diameter of  $\varnothing$  620  
on NEBBIA  
Y = 5.50 m      Z = 12.00 m

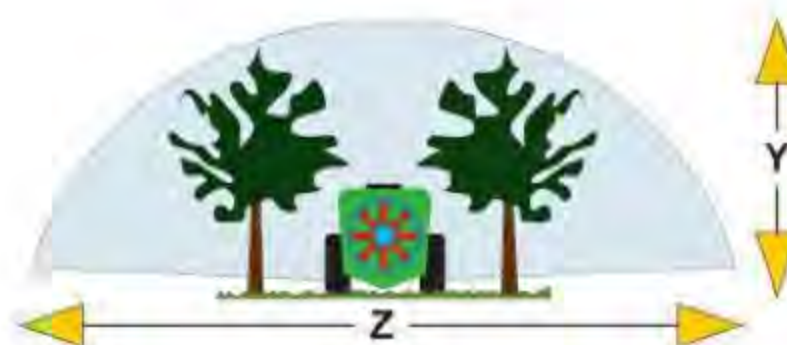
Fan with a diameter of  $\varnothing$  720  
on NEBBIA  
Y = 6.00 m      Z = 14.00 m

Fan with a diameter of  $\varnothing$  820  
on NEBBIA  
Y = 8.00 m      Z = 18.00 m

Fan with a diameter of  $\varnothing$  820  
on NEBBIA plus (reverse)  
Y = 9.00 m      Z = 16.00 m

Fan with a diameter of  $\varnothing$  920  
on NEBBIA  
Y = m 10.00      Z = m 20.00

Fan with a diameter of  $\varnothing$  920  
on NEBBIA plus  
Y = 11.00 m      Z = 20.00 m



MODELS	NEBBIA 300	NEBBIA 400	NEBBIA 600
Capacity l	300	400	600
KW	18/30	26/37	26/52
Speed	2 +neutral	2 +neutral	2 +neutral
Fan	adjustable	adjustable	adjustable
Fan diameter	720/820	720/820/920	720/820/920
Turning PTO	540	540	540

# The sprayer mod. VIGNETO

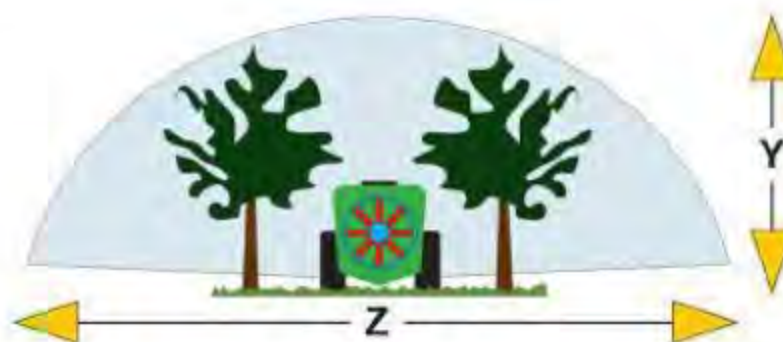


**MOUNTED VINEYARD SPRAYER model. Mounted sprayer model was specifically created for the protection of espalier tree crops. Its peculiar fan unit can be either rear suction or front suction.**



**STANDARD fan**

- Fan with a diameter of Ø 550  
on 300/400 l  
Y = 3.50 m      Z = 8.00 m
- Fan with a diameter of Ø 620  
on 300/400 l  
Y = 6.00 m      Z = 13.00 m
- Fan with a diameter of Ø 720  
on 300/400 l  
Y = 7.00 m      Z = 15.00 m
- Fan with a diameter of Ø 820  
on 400/600 l  
Y = 8.00 m      Z = 16.00 m
- Fan with a diameter of Ø 920  
on 600 l  
Y = 9.00 m      Z = 17.00 m



MODELS	VIGNETO 300/400	VIGNETO 300/400	VIGNETO 300/400	VIGNETO 400/600	VIGNETO 400/600
Capacity l	300/400	300/400	300/400	400/600	400/600
KW	15/36	30/45	33/50	40/55	45/65
HP	25/50	40/70	45/68	55/74	61/88
PTO speed	540	540	540	540	540
Jets	12	12	16	14	18
Fan diameter	550	620	720	820	920
Fan blades	8	8	8	8	8

# Trailed sprayer mod. VIGNETO

Standard  
PLUS fan



PORTABLE VINEYARD SPRAYER model. Mounted sprayer model was specifically created for the protection of espalier tree crops. Its peculiar fan unit can be either rear suction or front suction.



STANDARD  
fan

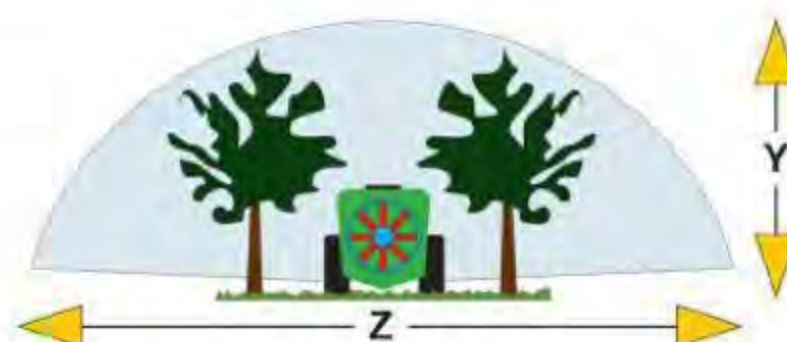
Fan with a diameter of  $\varnothing$  550  
on 300/400 l  
Y = 3.50 m      Z = 8.00 m

Fan with a diameter of  $\varnothing$  620  
on 300/400 l  
Y = 6.00 m      Z = 13.00 m

Fan with a diameter of  $\varnothing$  720  
on 300/400 l  
Y = 7.00 m      Z = 15.00 m

Fan with a diameter of  $\varnothing$  820  
on 400/600 l  
Y = 8.00 m      Z = 16.00 m

Fan with a diameter of  $\varnothing$  920  
on 600 l  
Y = 9.00 m      Z = 17.00 m



MODELS	VIGNETO 600	VIGNETO 1000	VIGNETO 1500	VIGNETO 2000	VIGNETO 3000
Capacity l	600	1000	1500	2000	3000
KW	15/36	30/50	45/65	50/70	60/70
HP	25/50	40/70	61/89	75/95	80/95
PTO speed	540	540	540	540	540
Jets	12	12	16	14	18
Fan diameter	550	620	720	820	920
Fan blades	8	8	8	8	8



# **GIAMPI** S.R.L.

---

Sede Leg.: Viale XXI, 15 - 00162 ROMA

Sede Op.: SP 74 loc. Quartaccio Km 2.200 - 01034 Fabrica di Roma (VT)

Tel.: 0761 57 23 84 - 0761 61 38 17

e-mail: [giampi@giampimacchineagricole.com](mailto:giampi@giampimacchineagricole.com)

[www.giampimacchineagricole.com](http://www.giampimacchineagricole.com)