



LONG LIFE POWERFUL PROFESSIONAL GARDEN SOLUTIONS



Professional gardening machines  
for landscaping

PRODUCTS CATALOGUE  
**2023**

CHIPPERS\_POWER RAKES\_DEBRIS LOADERS



## **AGRINOVA**

### **TRUSTED PARTNER**

Agrinova is a medium-sized company, managed since the 1980s by the Ceccato family, which in a world of global economy can still privilege the personal and direct relationship with the customer.

When the customer needs support in choosing a product, a spare part or a service, he can write, or call, speaking directly with a staff member, without intermediaries and secretaries.

It will thus be possible to discuss, dialogue and evaluate needs, finding the best solution that only concrete human relationships can bring.



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## ZENITH TRACKED WOOD CHIPPER

CUTTING UP TO 15 CM  
(5,90 INCH)



### Chipper for **gardeners** and **renters**

- > ON TRACK
- > DOUBLE INFEED ROLLER
- > DRUM TYPE CUTTING SYSTEM
- > SUITABLE ALSO FOR FIBROUS MATERIAL, SUCH AS PALM TREE
- > NO-STRESS SYSTEM



# ZENITH

## Tracked wood chipper - Cutting up to 15 cm (5,90 inch)

Zenith chipper is designed to quickly and easily shred plant material up to 15 cm in diameter. It can be moved easily and the pruning point can be reached without difficulty



### FEATURES



Good for renting



- > For easy move on areas with difficult access, soft ground conditions, or uneven and sloping ground.
- > Ease of loading and unloading from vans or trucks.
- > Compact size, you can also load it on small vans (with the hopper folded and the discharge curve lowered, movements are easy).
- > A single motor to drive track and chipper to obtain: stability, movement and guide sensitivity, low center of gravity, lower fuel consumption, and reduced maintenance.
- > Hydraulically driven tracks, speed up to 2.5 km/h.
- > Compact weight, 680 kg (tracked version).
- > Powerful Briggs&Stratton 23HP Vanguard engine.
- > Wood and branches cutting up to 15 cm (5,9 inch).
- > Can cut fibrous material and prunings.
- > Wide feed hopper.
- > Easy access to cutting chamber.
- > Operator's safety.
- > Remote radio control (optional).
- > SAFETY check of the inclination of the machine with LUMINOUS alarm and sound.
- > Zenith chipper has been designed to last over time and in a easy to maintain perspective. Only a few components are subject to wear



# Why CHOOSE ZENITH

## POWER



Briggs & Stratton 23HP Vanguard **professional engine**, V-TWIN with electric start. 3 years warranty (Briggs & Stratton)

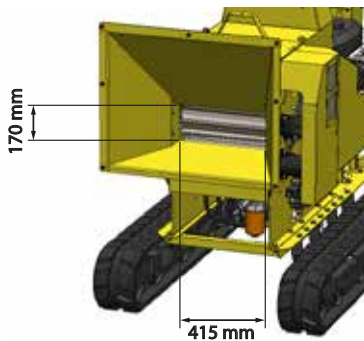
## CUTTING CAPACITY



Cutting Up to 15 cm (5,9 inch), wood or fibrous material (palm).



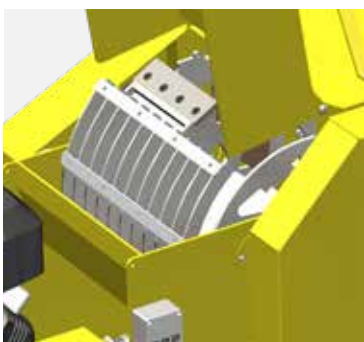
**Drum cutting system** with 4 blades. 4 steel plate that rotate at high speed creating the air flow necessary to expel the processed material - even if very wet - at a height of about 2 meters.



Wide material introduction point.



**Double feed roller** to easy material introduction.



Sieve - 35 mm **wide refining screen (optional)**: to obtain the most suitable wood chip size for your boiler (Wood chipper for biomass boilers).

### SAFETY

Agrinova, with over 30 years of experience, has taken all the measures that ensure the operator to work in complete safety.



Emergency/re-start buttons.



Safety transparent screen.



Great stability thanks to quality tracks produced in Italy.  
- 1 mt track.

### CONFORT



**Anti-clogging system:** the Zenith chipper has a large discharge system that remains wide throughout its extension, avoiding narrowings that block the outgoing material in a bottleneck. Thanks also to the volume of air generated by the rotation of the cutting system, Zenith is able to easily unload almost all types of shredded material, even if it is particularly wet or leafy, minimizing clogging and machine stops.



**Controls:** 2 levers located on the "console" allow separate control of the left and right track.



Possibility of **adjusting the feed roller speed** by acting on the flow adjustment knob.

# Why CHOOSE ZENITH



The **movements** are facilitated with the hopper folded and the discharge curve lowered.



**Max width 1.25 meters.** The Zenith chipper is designed to be easily moved even on narrow paths.



The **two feed rollers**, moved by a pair of hydraulic motors ensure the feeding of heavy and leafy logs into the cutting chamber. The speed is adjustable by a knob on the machine.



The **centrifugal clutch** allows the engine to start without loading the cutting system



**NO-STRESS system** has the purpose of preserving the engine from excessive stress originating from the cutting of materials of large diameters, very hard, leafy, humid and, which in general require a lot of power.

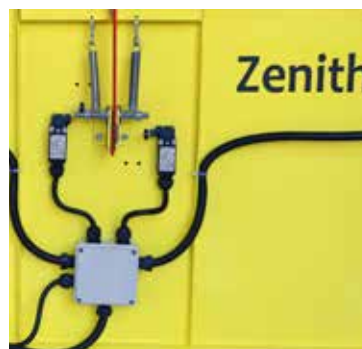
**HOUR COUNTER:** an hour counter is integrated into the nostress system, excellent even in case of vehicle rental.



**ease of access to the cutting chamber:** Zenith has been designed to be able to quickly and safely access the cutting chamber.



Thanks to its **transparent window**, it is possible to see the inside of the cutting chamber without opening it.



**Speed regulation** and inversion of the feeding roller by means of electric drives and controls.



### COMFORT



**EMERGENCY KIT** (optional): a kit of spare knives, a belts kit.



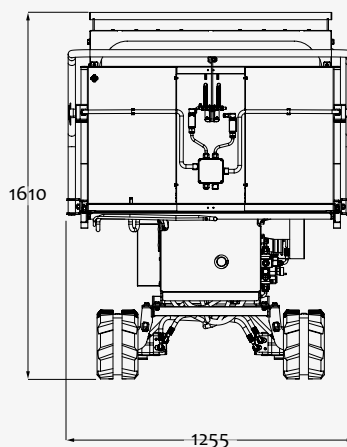
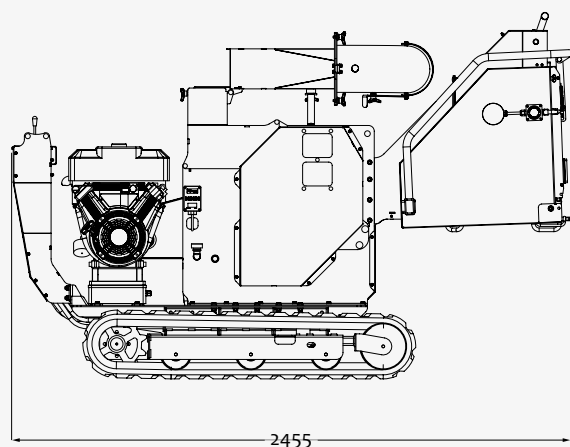
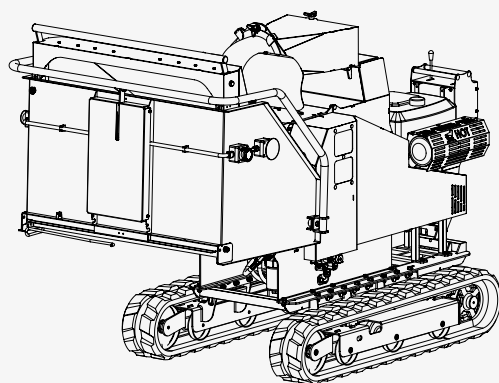
**Tilt control** (optional): Zenith can be equipped with a luminous sound alarm for slope control.



**Remote radio control** (optional).



Example of **shredded product** made with a Zenith chipper.

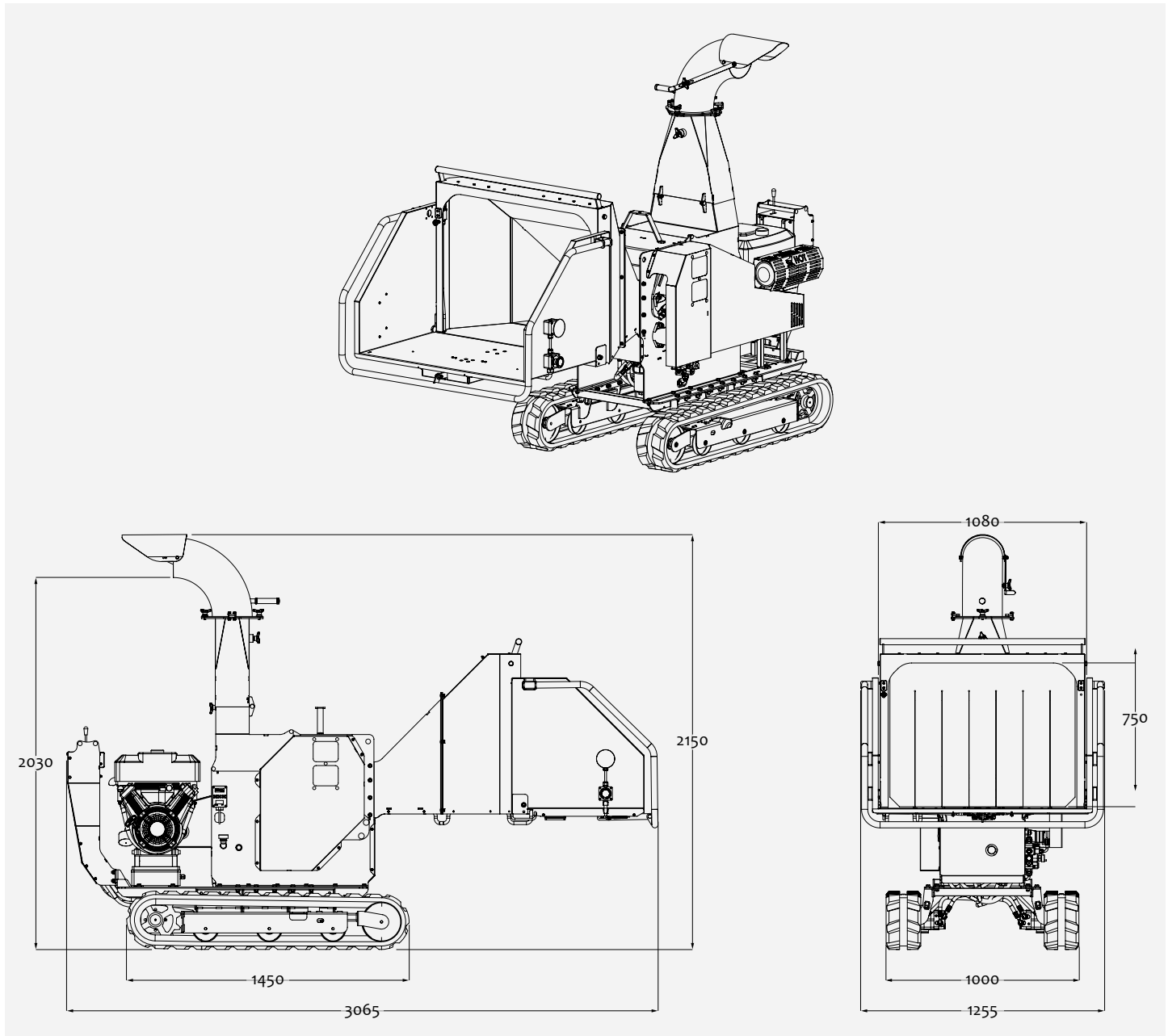


### TRANSPORT CONFIGURATION DIMENSIONS

2455 x 1255 x 1610 h mm



## Dimensions



## We are working on the versions:

- > With Diesel engine
- > For tractor
- > On street chassis
- > Rotating turntable
- > Conveyor roller
- > Conveyor belt

## Technical data

ZH160-B2-AS-C		
ENGINE	Max chippable diameter	150 mm (medium hardness wood)
	Type	Briggs & Stratton - Vanguard V-TWIN
	Power	23 HP
	Displacement	Twin cylinder 627cc
	Cooling	Air cooled
	Start up type	Electric and pull
	Funel type	Gasoline
	Tank capacity	8,5 litres
	Battery	12V - service free
CUTTING SYSTEM	Type	Drum system
	Drum system	50 kg
	Blades - number	4 and 1 fixed hardened counter-knife
	Blades - materials	Core hardened steel
	Transmission	Double belt with centrifugal clutch
	Bearings	Cast iron support bearings
FEEDING SYSTEM	Type	2 counter rotating feed roller
	Control	By safety bar on hopper for stop and reverse
		By upper safety bar on top of the hopper for stop
		By restart button on the sides of the hopper for forward
DISCHARGE	Transmission	Dedicated hydraulic pump for feed rollers
	No-stress device	Standard equipment - automatic start and stop for feed rollers
	Type	Tilttable discharge tube - 270° rotation of discharge curve
	Discharge curve dimensions	200 mm diameter
HANDLING SYSTEM	Control	Adjustable deflector
	Type	On track
	Transmission	Dedicated hydraulic pump for each track
	Control	2 lever on rudder - independant lever for each track
	Track - length	1050 mm
	Track - width	900 mm
GENERAL INFORMATION	Work configuration - dimensions	3065 x 1255 x 2150 h mm
	Temporary moving - dimensions	2400 x 1090 x 1960 h mm
	Transport configuration - dimensions	2455 x 1255 x 1610 h mm
	Weight	680 kg
	Hopper dimensions (Operator side)	1080 x 750 h mm
	Hopper dimensions (Feed roller side)	415 x 170 h mm
	Hydraulic oil tank capacity	13 l - Spin-on hydraulic oil filter





LONG LIFE POWERFUL  
PROFESSIONAL GARDEN SOLUTIONS

## ZAKANDRA TRACKED WOOD CHIPPER

CUTTING UP TO 12 CM  
(4,72 INCH)

Chipper for **professional gardeners and renters**

- > ON TRACKS
- > WITH INFEED ROLLER
- > DRUM TYPE CUTTING SYSTEM
- > SUITABLE ALSO FOR FIBROUS MATERIAL, SUCH AS PALM TREE
- > NO-STRESS SYSTEM



# ZAKANDRA

## Tracked chipper - Cutting up to 12 cm (4,72 inch)

Zakandra wood chipper is able to cut any kind of plant residue, dry or wet, up to a maximum diameter of 12 cm.

Zakandra offers the possibility of entering agricultural, wooded areas and easily overcome the slopes.



## FEATURES



Good for renting



- > For easy move on areas with difficult access, soft ground conditions, or uneven and sloping ground.
- > Ease of loading and unloading from vans or trucks.
- > A single motor to drive track and chipper to obtain: stability, movement and guide sensitivity, low center of gravity, lower fuel consumption, and reduced maintenance.
- > Hydraulically driven tracks, speeds up to 2.5 km/h.
- > Compact weight: kg 550
- > Speed regulation and inversion of the feed roller by means of electric drives and controls.
- > Folding hopper in two positions to facilitate maneuvering and reduce obstruction.
- > Possibility of shredding wood and palm pruning.
- > SAFETY check of the inclination of the machine with LUMINOUS alarm and sound.
- > Zakandra is designed to shred quickly and easily. It can be easily moved and it is possible to reach the point where the prunings were deposited without difficulty.
- > Zakandra has been designed to last over time and in an easy to maintain perspective: FACT only a few components are subject to wear.



# Why CHOOSE ZAKANDRA

## POWER



Briggs & Stratton 23HP Vanguard **professional engine**, V-TWIN with electric start. 3 years warranty (Briggs & Stratton)

## CUTTING CAPACITY



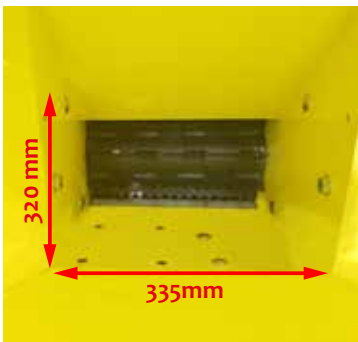
**Cutting Up to 12 cm (4,72 inch)**, wood or fibrous material (palm).



**Drum cutting system** with 4 blades. 4 steel plate that rotate at high speed creating the flow of air necessary to expel the processed material - even if very wet - at a height of about 2 meters.



**Upper loading hopper:** Wide material introduction point, dimensions:  
- width 1200 mm;  
- height altezza 430 mm.



**Lower loading hopper:** the hopper remains large even at the cutting point, so that the machine is able to shred particularly leafy materials, such as olive trees pruning, avoiding blockages and allowing grinding of large quantities of material for each load. This leads to a significant reduction of working times.



**Hydraulic infeed roller** is a 190 mm diameter toothed steel roller with adjustable speed and rotation direction; it is placed inside the hopper and carries every kind of vegetable waste automatically towards the cutting system. (roller width 332 mm).



**Sieve for chip measure regulation:** Zakandra can be equipped with particular sieves that allows to graduate the shredded output in order to obtain chips of an ideal size for the purposes of supply of many Biomass Heating Systems.

# ZAKANDRA

Tracked chipper - Cutting up to 12 cm (4,72 inch)

## SAFETY

Agrinova, with over 30 years of experience, has taken all the measures that ensure the operator to work in complete safety.



Emergency/ re-start buttons.



Safety transparent screen.



Great stability thanks to quality tracks produced in Italy:  
- 1050 mm length;  
- 900 mm track.

## COMFORT



**Anti-clogging system:** the Zakandra chipper has a large discharge system that remains wide throughout its extension, avoiding narrowings that block the outgoing material in a bottleneck. Thanks also to the volume of air generated by the rotation of the cutting system, Zenith is able to easily unload almost all types of shredded material, even if it is particularly wet or leafy, minimizing clogging and machine stops.



**Adjustable discharge curve:** The discharge curve of the Zakandra chipper is characterized by the possibility of being rotated 360° thus allowing to direct the jet of shredded without having to move the body of the machine. The discharge curve reaches a height of 192 cm from the ground.



**Discharge curve extension (optional):** allows the drain to be raised by 23 cm (up to a total height of 2.15 m) - Cod. B41892.

# Why CHOOSE ZAKANDRA



**Easy access to the cutting chamber:** the Zakandra chipper was designed so that it can be accessed very easily and quickly but always in strict compliance with safety regulations, to all those parts that normally require maintenance, in particular the cutting system and to the transmission mechanisms and to monitor how the machine is working.



**Controls:** 2 levers located on the “console” allow separate control of the left and right track.



**NO-STRESS system** has the purpose of preserving the engine from excessive stress originating from the cutting of materials of large diameters, very hard, leafy, humid and, which in general require a lot of power.

**HOUR COUNTER:** an hour counter is integrated into the nostress system, excellent even in case of vehicle rental.



**Feed roller speed adjustment:** Changeover of the feed roller by means of electric drives and controls.



**Speed regulation** and inversion of the feeding roller by means of electric drives and controls.



**Tilt control (optional):** Zakandra It can have a LUMINOUS sound alarm that is activated when dangerous inclinations are reached for the stability of the machine both longitudinally and transversally.



Example of **shredded product** made with a Zakandra chipper.



**Palm pruning:** Zakandra is the ideal machine also for palm pruning and other particularly fibrous material.



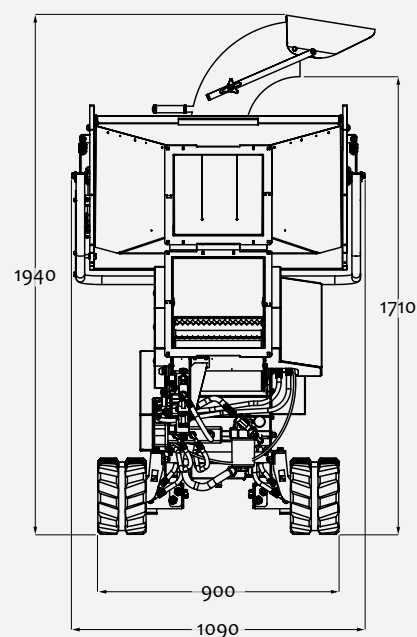
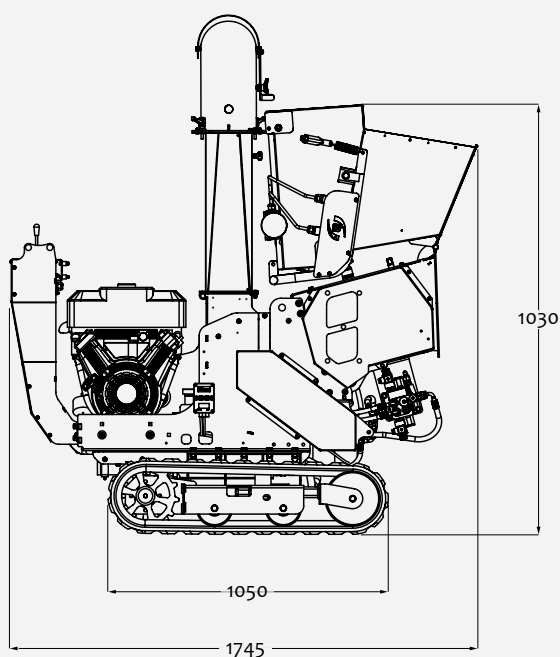
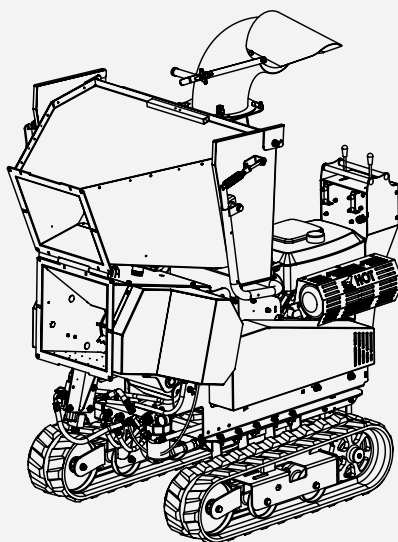
# ZAKANDRA

Tracked chipper - Cutting up to 12 cm (4,72 inch)

## COMFORT

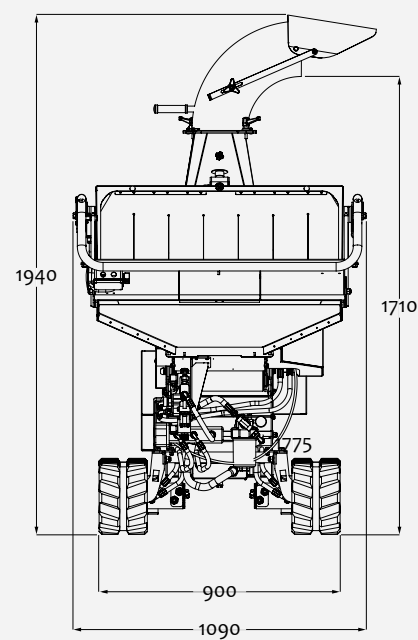
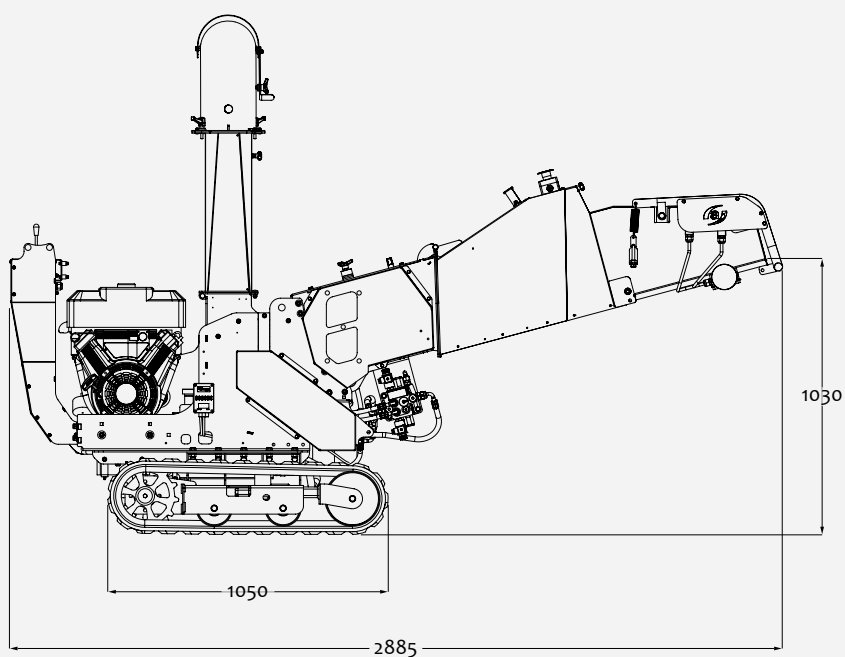
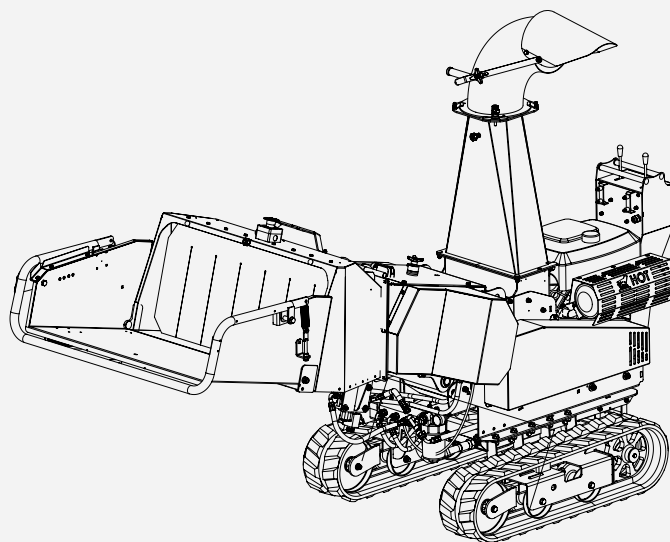
**Space management:** Zakandra has been designed considering the need to take up little space, in vans and storage. Hopper and discharge are closable.

In the images below;  
Zakandra with disassembled exhaust bend.





## Dimensions



### Technical data

ZA350-B2-AS-TL1-C		
<b>Max chippable diameter</b>		
ENGINE	Type	Briggs & Stratton - Vanguard
	Power	23 HP
	Displacement	Twin cylinder
	Cooling	Air cooled
	Start up type	Electric
	Funel type	Gasoline
	Tank capacity	8,5 litres
CUTTING SYSTEM	Type	Drum system
	Blades - number	2+2 knives + fixed counterknife
	Blades - materials	Core hardened steel
	Transmission	Double belt with centrifugal clutch
	Width	335 mm
FEEDING SYSTEM	Type	Hydraulic driven
	Diameter	190 mm
	No-stress device	Standard equipment - automatic start and stop for feed rollers
LOADING HOPPER	Dimensions (at chipping point)	335 x 270 mm
	Dimensions	960 x 425 mm
DISCHARGE	Type	360° rotation of discharge curve
	Control	Adjustable deflector
HANDLING SYSTEM	Type	On track
	Transmission	hydraulic motors
	Track - length	1050 mm
	Track - width	900 mm
GENERAL INFORMATION	Work configuration - dimensions	2900 x 1090 x 1960 h mm
	Temporary moving - dimensions	2400 x 1090 x 1960 h mm
	Transport configuration - dimensions	1750 x 1090 x 1960 h mm
	Weight	about 550 kg
	Hydraulic oil tank capacity	12 Litres (with filter and pressure gauge)
OPTIONAL	Sieve	√ (width 25 mm)
	Raised discharge curve	√
	Remote radio control	√
	Slope control	√





LONG LIFE POWERFUL  
PROFESSIONAL GARDEN SOLUTIONS

# ZAKANDRA DRUM CHIPPER

CUTTING UP TO 12 CM  
(4,72 INCH)



Professional wood chipper for  
**gardening, agriculture and rental**

- > WITH INFEED ROLLER
- > DRUM TYPE CUTTING SYSTEM
- > SUITABLE ALSO FOR FIBROUS MATERIAL, SUCH AS PALM TREE
- > NO-STRESS SYSTEM
- > AVAILABLE ON STREET CHASSIS
- > AVAILABLE FOR TRACTOR



# ZAKANDRA

Drum chipper - Cutting up to 12 cm (4,72 inch)

Zakandra wood chipper is able to cut any type of plant residue, dry or wet, up to a maximum diameter of 12 cm.

Zakandra offers the possibility of entering agricultural, wooded areas and easily overcome the slopes.



## FEATURES



Good for renting



- > Zakandra can easily chips every kind of vegetable waste, dry or wet, up 12 cm max.
- > The infeed hopper is wide both in the introduction area and in the cutting point, ensuring ease of work for the operator".
- > In case of big volums of pruning: optional "TL" wider infeed hopper .
- > Hydraulically driven tracks, speeds up to 2.5 km/h.
- > It is designed for an easy access to maintenance areas.
- > Easy mooving, thanks to she shape and the weight (350 kg) .
- > The shape of the discharge curve allows an easy and immediate material explusion, without clogging.
- > Zakandra produces homogeneous chips, with a quality that allow to be used in many boiler.
- > Zakandra has been designed to last over time and in an easy to maintain perspective: FACT only a few components are subject to wear.
- > That's why Zakandra is the favourite chippers for many garden keepers, renter and municipality.

# Why CHOOSE ZAKANDRA

## POWER

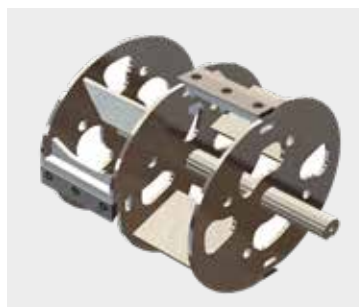


Briggs & Stratton 23HP Vanguard **professional engine**, V-TWIN with electric start. 3 years warranty (by Briggs & Stratton).  
*With electric motor on request.*

## CUTTING CAPACITY



Cutting Up to 12 cm (4,72 inch), wood or fibrous material (palm).



**Drum cutting system** with 4 blades. 4 steel plate that rotate at high speed creating the flow of air necessary to expel the processed material - even if very wet - at a height of about 2 meters.

### Tre tipi di tramoggia a seconda della tua necessità



Standard  
700 x 565 mm



Optional version "TL"  
1150 x 885 mm

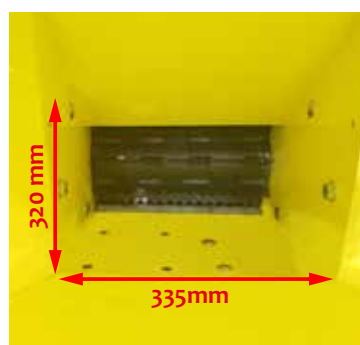


Optional version "TL1"  
1200 x 430 mm

**Closable hopper** (version "TL1") with electrical controls of the power supply system and emergency/restart button. This is only available in the models with no-stress device. This is not an optional



**Hydraulic infeed roller** is a 190 mm diameter toothed steel roller with adjustable speed and rotation direction; it is placed inside the hopper and carries every kind of vegetable waste automatically towards the cutting system. (roller width 332 mm).



**Lower loading hopper:** the hopper remains large even at the cutting point, so that the machine is able to shred particularly leafy materials, such as olive trees pruning, avoiding blockages and allowing grinding of large quantities of material for each load. This leads to a significant reduction of working times.



# ZAKANDRA

Drum chipper - Cutting up to 12 cm (4,72 inch)

## CUTTING CAPACITY



**Sieve for chip measure regulation:** Zakandra can be equipped with particular sieves that allows to graduate the shredded output in order to obtain chips of an ideal size for the purposes of supply of many Biomass Heating Systems.

## SAFETY

Agrinova, with over 30 years of experience, has taken all the measures that ensure the operator to work in complete safety.



Safety transparent screen.



Emergency/ re-start buttons (version with hopper "TL1").

## COMFORT



**Anti-clogging system:** the Zakandra chipper has a large discharge system that remains wide throughout its extension, avoiding narrowings that block the outgoing material in a bottleneck. Thanks also to the volume of air generated by the rotation of the cutting system, Zenith is able to easily unload almost all types of shredded material, even if it is particularly wet or leafy, minimizing clogging and machine stops.



**Adjustable discharge curve:** The discharge curve of the Zakandra chipper is characterized by the possibility of being rotated 360° thus allowing to direct the jet of shredded without having to move the body of the machine. The discharge curve reaches a height of 192 cm from the ground.



**Discharge curve extension (optional):** allows the drain to be raised by 23 cm (up to a total height of 2.15 m) - Cod. B41892.



# Why CHOOSE ZAKANDRA



**Easy access to the cutting chamber:** the Zakandra chipper was designed so that it can be accessed very easily and quickly but always in strict compliance with safety regulations, to all those parts that normally require maintenance, in particular the cutting system and to the transmission mechanisms and to monitor how the machine is working.



Only for version with hopper "TL1", **speed regulation** and inversion of the feeding roller by means of electric drives and controls.



Only for version with hopper "TL1", **feed roller speed adjustment:** Changeover of the feed roller by means of electric drives and controls.



**NO-STRESS system (optional)** is a device that protect gasoline engine from excessive stress originating from the cutting of materials of large diameters, very hard, leafy, humid and, which in general require a lot of power.

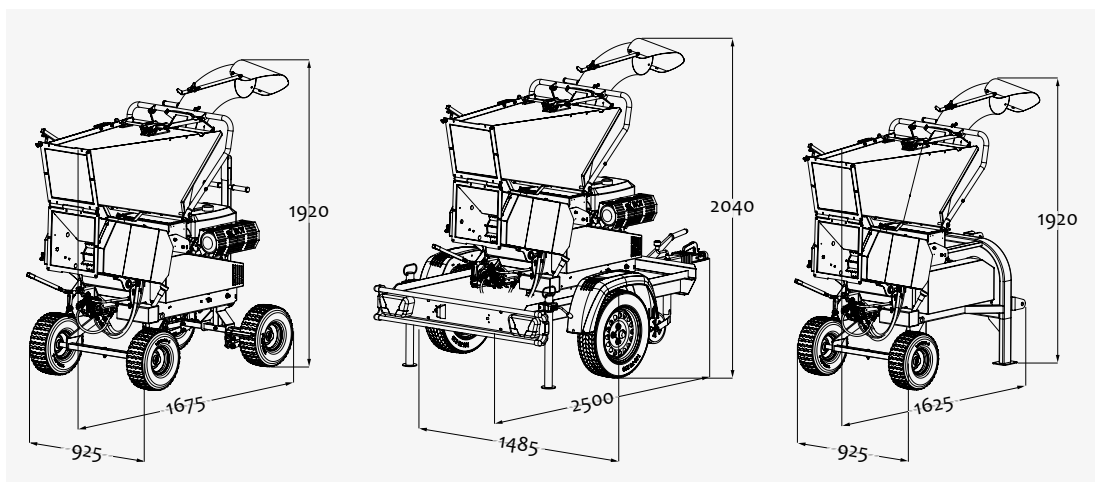
**HOURLY COUNTER:** an hour counter is integrated into the nostress system, excellent even in case of vehicle rental.



**Sieve for chip measure regulation:** (with 20 mm or 25 mm slit): Zakandra can be equipped with particular sieves that allows to graduate the shredded output in order to obtain chips of an ideal size for the purposes of supply of many Biomass Heating Systems.



**Palm pruning:** Zakandra is the ideal machine also for palm pruning and other particularly fibrous material.



**Space management:** Zakandra has been designed considering the need to take up little space, in vans and storage. Hopper and discharge are closable.

# ZAKANDRA

Drum chipper - Cutting up to 12 cm (4,72 inch)

## ON STREET CHASSIS



Version equipped **with brake** and supplied with **“COC” certification**, necessary for obtaining the license plate (mandatory in Italy, please check regulations of your country).



Version **without brake** and supplied without **“COC” certification**.

## FOR TRACTOR

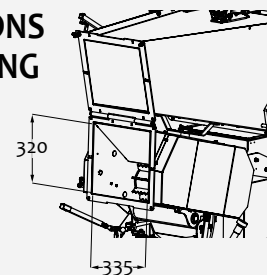


FOR TRACTORS STARTING FROM  
30 HP - 540 RPM

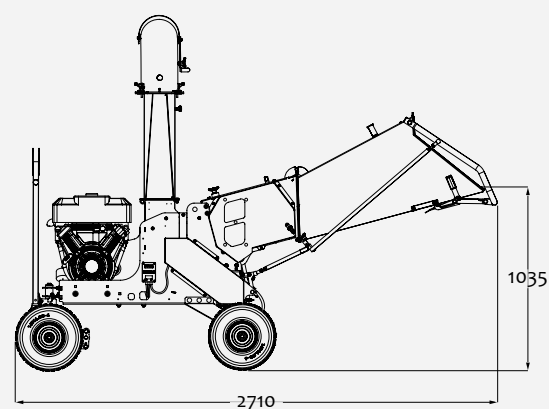
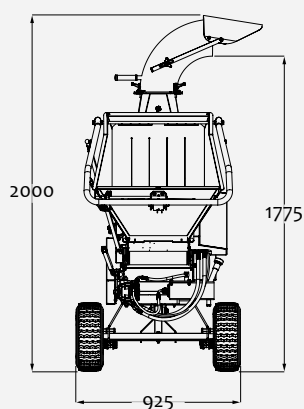
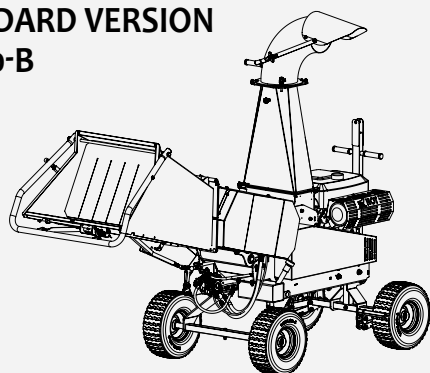


## Dimensions

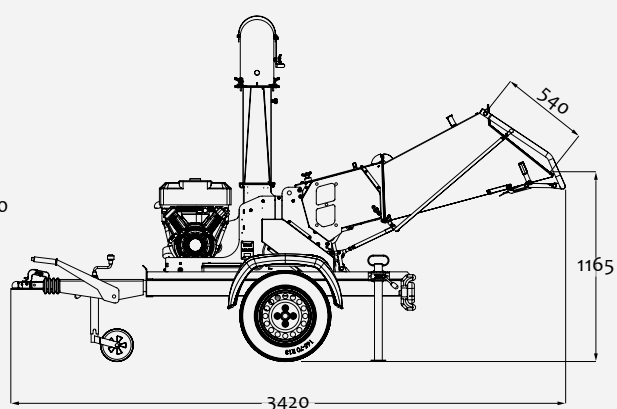
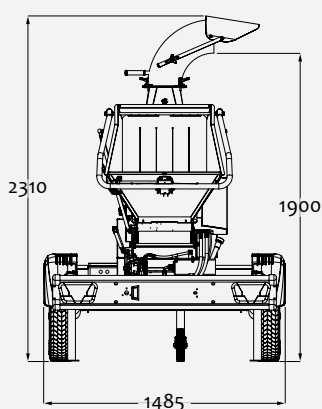
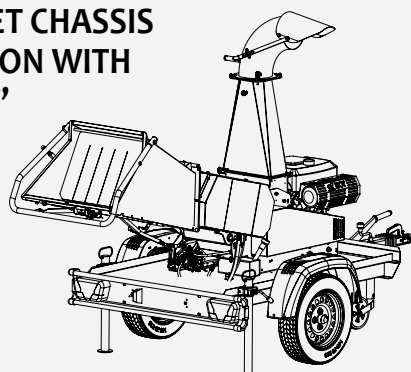
### DIMENSIONS AT CHIPPING POINT



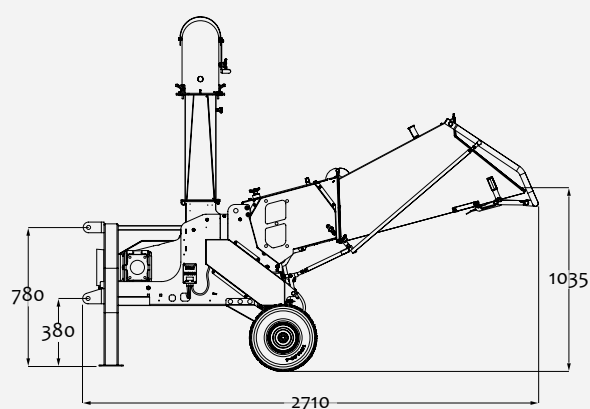
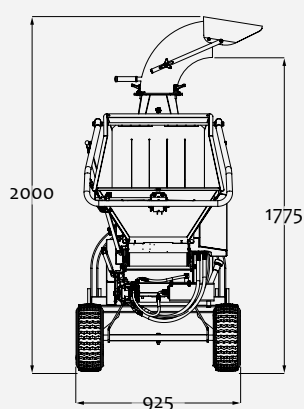
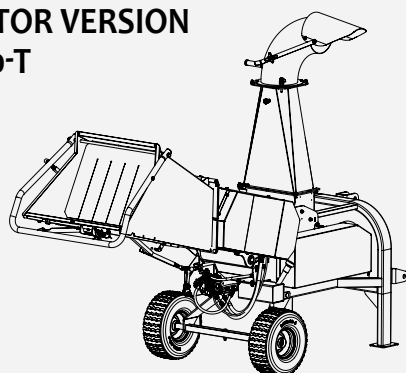
#### STANDARD VERSION ZA350-B



#### STREET CHASSIS VERSION WITH "COC"



#### TRACTOR VERSION ZA350-T





### Technical data

		ZA350-B & ZA350-B-AS	ZA350-B2-AS	ZA350-E	ZA350-T & ZA350-T-AS
Max chippable diameter		120 mm	120 mm	120 mm	80/120 mm (depending on tractor power)
ENGINE	Type	Briggs & Stratton - Vanguard V-Twin	Briggs & Stratton - Vanguard V-Twin	---	---
	Power	18 HP	23 HP	400 Volt - 12,5 HP	Starting from 30 HP - 540 rpm
	Displacement	Twin cylinder	Twin cylinder	---	---
	Cooling	Air cooled	Air cooled	---	---
	Start up type	Electric	Electric	Electric	---
	Fuel type	Gasoline	Gasoline	---	---
CUTTING SYSTEM	Type	Drum system	Drum system	Drum system	Drum system
	Blades - number	2+2 knives + fixed counterknife	2+2 knives + fixed counterknife	2+2 knives + fixed counterknife	2+2 knives + fixed counterknife
	Blades - materials	Core hardened steel	Core hardened steel	Core hardened steel	Core hardened steel
	Transmission	Double belt with centrifugal clutch	Double belt with centrifugal clutch	Double belt	2V drive belts and centrifugal clutch
	Width	335 mm	335 mm	335 mm	335 mm
TRASCINAMENTO	Type	Idraulico	Idraulico	Idraulico	Idraulico
	Diameter	190 mm	190 mm	190 mm	190 mm
	No-stress device	No for ZA350-B Standard for ZA350-B-AS	Standard	Standard	No for ZA350-T Standard for ZA350-T-AS
LOADING HOPPER	Dimensions (at chipping point)	335 x 270 mm	335 x 270 mm	335 x 270 mm	335 x 270 mm
	Dimensions infeed hopper	690 x 550 mm	690 x 550 mm	690 x 550 mm	690 x 550 mm
	Dimensions increase infeed hopper	1200 x 880 mm	1200 x 880 mm	1200 x 880 mm	1200 x 880 mm
DISCHARGE	Type	360° rotation	360° rotation	360° rotation	360° rotation
	Control	Adjustable	Adjustable	Adjustable	Adjustable
HANDLING SYSTEM	Wheels number	4	4	4	4
	Type	Pneumatic	Pneumatic	Pneumatic	Pneumatic
GENERAL INFORMATION	Work configuration - dimensions	2710 x 900 x 1920 h mm	2710 x 900 x 1920 h mm	2710 x 900 x 1920 h mm	2560 x 900 x 1920 h mm
	Transport configuration - dimensions	1780 x 900 x 1750 h mm	1780 x 900 x 1750 h mm	1780 x 900 x 1750 h mm	1780 x 900 x 1750 h mm
	Weight	370 kg	380 kg	343kg	330 kg
OPTIONAL	Increase hopper kit "TL"	✓	✓	✓	✓
	Sieve	✓	✓	✓	✓
	Raised exhaust chute	✓	✓	✓	✓



LONG LIFE POWERFUL  
PROFESSIONAL GARDEN SOLUTIONS

# ZENIA CHIPPER

CUTTING UP TO 7 CM



## Bio chipper **ZENIA** serie **EVOLUTION**

The simple and reliable shredder for jobs in small farms





Cutting tool with long-lasting knives and 12 hammers

### (NEW) cutting system:

On a front disc of 34 cm in diameter and 10 mm thick, 2 10 cm long knives are mounted, which provide a first reduction in material to be crushed. At the rear, two sets of hammers, 12 in total, are mounted, which have the function of deflecting and further reducing the material to be crushed. Two blades placed on the back of the cutting disc have the function of creating air and push the shredded material out of the machine through the tube.

### Tow hitch:

For easy movement.

### Exhaust Pipe:

Choose the version you need by height:

DISCHARGE      Standard discharge ride height 125 cm  
Exhaust optional ride height 187 cm

### Discharge chute:

Rotatable through 360 ° to select the output direction of the wood chips..

### Double belt transmission:

The transmission of power between the motor and the cutting disc is a double trapezoidal belt that allows an excellent level of rotation fluidity and high motor protection. If the cutting disc is blocked, the belt drive protects against damages and cracks in the crankshaft.

Its main feature is ease of use. Its principle strength is the excellent cutting system.

Its principle strength is the excellent cutting system.

## FEATURES



Max cutting diameter

**7 cm**



AVAILABLE VERSION:

- petrol engine
- tractor pto



HANDLING SYSTEM: on 2 pneumatic wheels with mudguard and tow hook



PACKING ZENIA

1 box on pallet:

124 x 81 h 110 cm

1 complete pallet with 2 boxes

124 x 81 h 234 cm

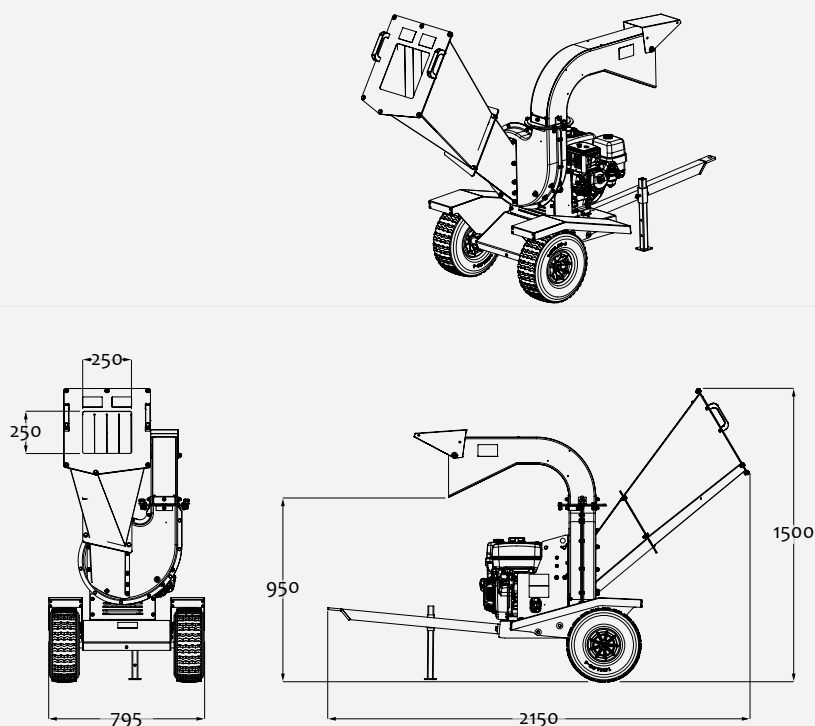
PTO VERSION

124 x 81 h 116 cm

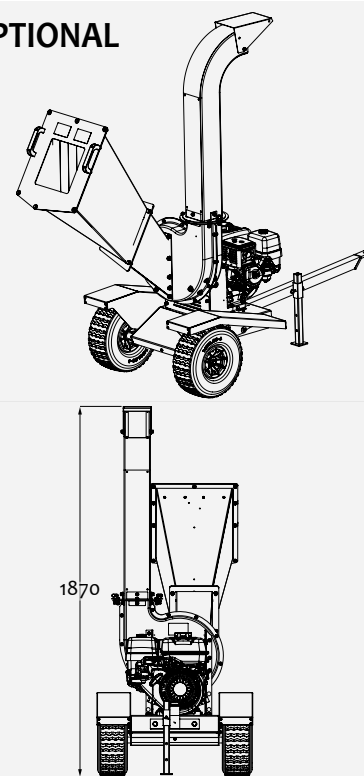


## Dimensions

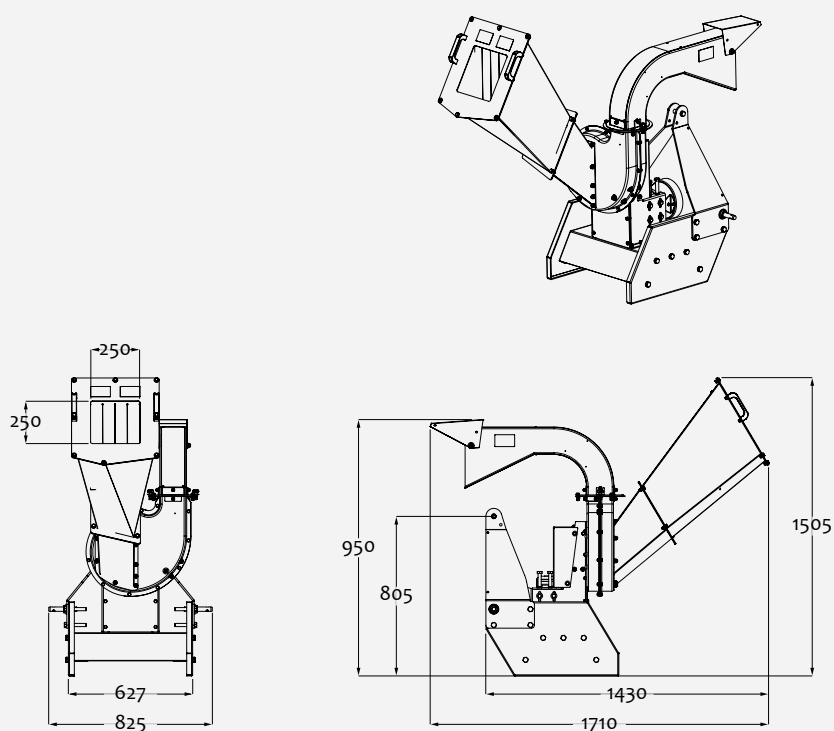
### STANDARD VERSION



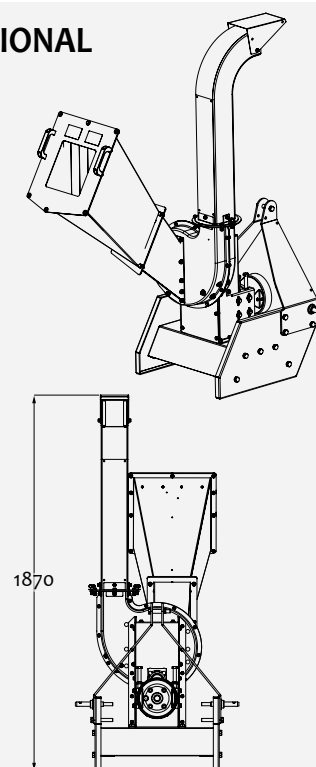
### OPTIONAL



### TRACTOR VERSION



### OPTIONAL



### Technical data

		ZE400	ZE413-H	ZE400-T1
	Max chippable diameter	60-70 mm	60-70 mm	60-70 mm (depending on tractor power)
ENGINE	Type	Briggs & Stratton serie 1450	Honda GX390	P.T.O
	Power	9 HP	9 HP	Starting from 16 HP - 540 rpm
	Start up type	Recoil start	Recoil start	---
	Fuel type	Gasoline	Gasoline	---
CUTTING SYSTEM	Type	Disc	Disc	Disc
	Blades - number	2 knives + 14 hammers and blowing blade	2 knives + 14 hammers and blowing blade	2 knives + 14 hammers and blowing blade
	Blades - materials	Tempered steel	Tempered steel	Tempered steel
	Transmission	Double belt	Double belt	Double belt
DISCHARGE	Type	360° rotation	360° rotation	360° rotation
	Standard exhaust chute	125 cm (discharge ride height)	125 cm (discharge ride height)	125 cm (discharge ride height)
HANDLING SYSTEM	Wheels number	2	2	---
	Type	Pneumatic	Pneumatic	---
GENERAL INFORMATION	Dimensions	2150 x 800 x 1500 h mm	2150 x 800 x 1500 h mm	2150 x 800 x 1500 h mm
	Weight	134 kg	134 kg	131 kg
OPTIONAL	Raised exhaust chute	187 cm (discharge ride height)	187 cm (discharge ride heighta)	187 cm (discharge ride height)



ZENIA ZE400-T1  
For tractors starting from 16 hp , 540 rpm



## ZARA CHIPPER

CUTTING UP TO 7 CM



### Bio chipper **ZARA**

Light, with a low center of gravity, stable and easily moved around the garden. A powerful chipping/shredding machine to clean big volumes of green in small gardens.



### Versatility

Able to chip/shred any type of garden waste up to 7 cm in diameter. Great performance with dry, green branches and fibrous material like the palm tree branches.'

### Sieve OPTIONAL

It is at the base of the output port and designed to provide homogeneous finished product.

### Large feeding hopper

To accept bushy garden waste and large amount of foliage and the feeding hopper is designed with a unique angle to the cutting blade to produce an auto-feeding effect, with least operator intervention.

### High Discharge

The discharge chute is sufficiently high to discharge the chipped material into a small trailer. A convenient mobile end plate deflector, will direct the discharged material to the most convenient area.

### High quality cutting rotor

A 376-mm cutting disk is provided with 4 plates to generate the necessary airflow to discharge the chipped material. It is equipped with 2 cutting blades, made of the same high-quality material used for all the Agrinova machines. The heat treatments of the knives provide the necessary wear resistance and produce a neat cut on all types of materials. Dry, green garden waste as well fibrous palm tree branches.

### Motor protected by belt transmission

The double V belt provides the necessary traction to the cutting disk and at the same time act as a shock absorber to the motor main shaft in the event the garden waste gets stuck during operation.

### Easy Maintenance

Designed to easily access to the cutting disk by removing a minimum number of bolts.

### Great mobility

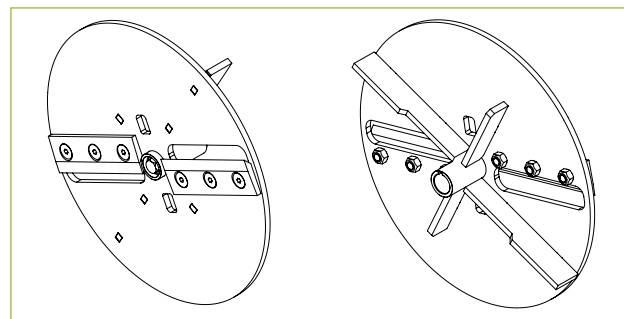
Two 26 cm puncture proof wheels, provide the necessary mobility to move Zara on any type of terrain.

### Handling

Designed with the necessary reinforcements to keep the total weight low, without compromising durability. A characteristic that makes Zara very easy to handle.



Optional pulling handle



Cutting tool with long-lasting knives

## FEATURES



Max cutting diameter

**7 cm**

Puncture free wheels and handle

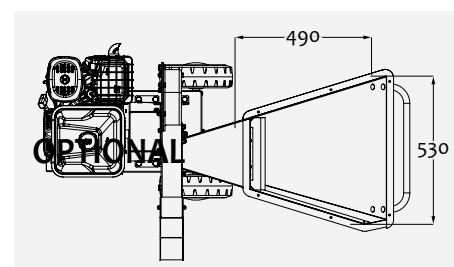


PACKAGING:

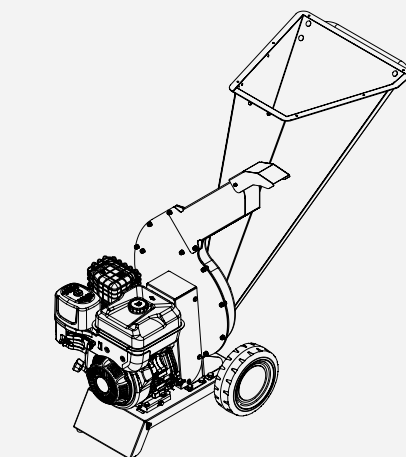
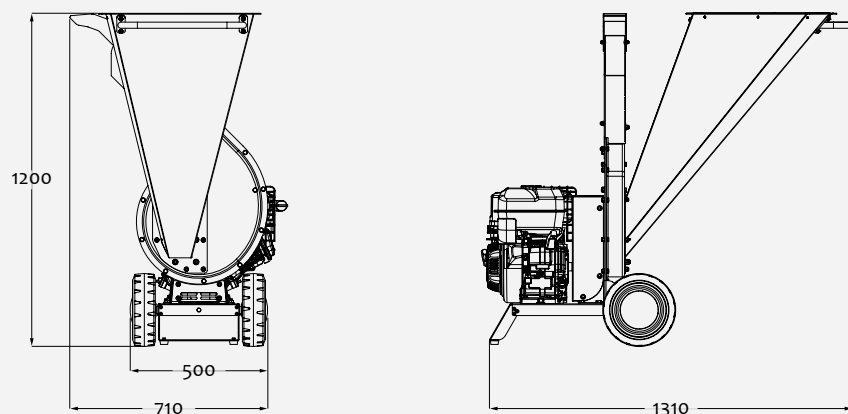
1 box on pallet:

95 x 64 h 138 cm

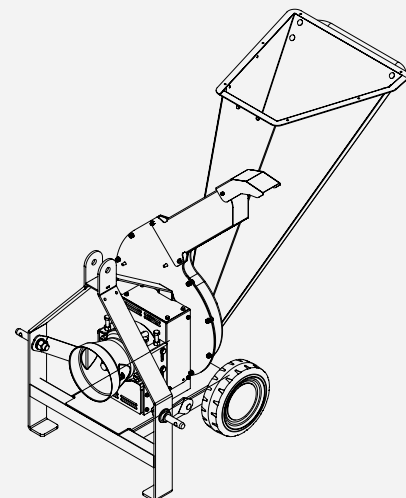
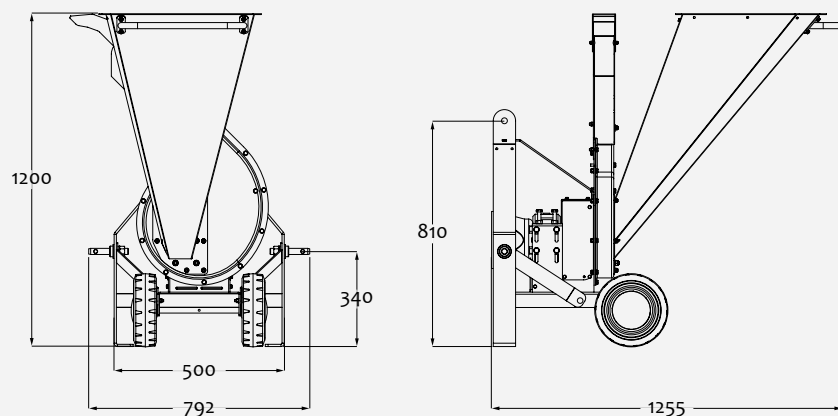
## Dimensions



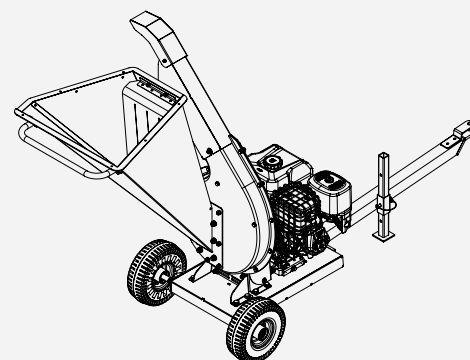
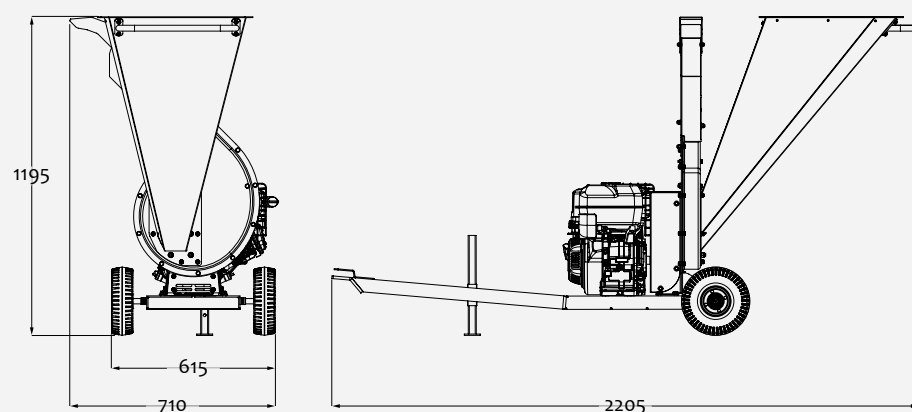
### STANDARD VERSION



### TRACTOR VERSION



### OPTIONAL PULLING HANDLE



### Technical data

		ZR8oB	ZR8oH	ZR8o-T
	Max chippable diameter	70 mm	70 mm	70 mm
ENGINE	Type	Briggs & Stratton serie 1450	Honda GX270	Per P.T.O
	Power	9 HP	9 HP	A partire da 16 HP - 540 rpm
	Start up type	Recoil start	Recoil start	---
	Fuel type	Gasoline	Gasoline	---
CUTTING SYSTEM	Type	knives	knives	knives
	Blades - material	Core hardened steel	Core hardened steel	Core hardened steel
	Transmission	Belt	Belt	Belt
LOADING HOPPER	Max dimensions infeed hopper	510 x 505 h mm	510 x 505 h mm	510 x 505 h mm
DISCHARGE	Type	Pivoting	Pivoting	Pivoting
HANDLING SYSTEM	Wheels number	2	2	2
	Type	Puncture free wheels	Puncture free wheels	Puncture free wheels
	Diameter	260 mm	260 mm	260 mm
GENERAL INFORMATION	Dimension (box)	950 x 6400 x 1380 h mm	950 x 6400 x 1380 h mm	950 x 6400 x 1380 h mm
	Weight	95 kg	95 kg	95 kg
	Setaccio per regolare triturazione	✓	✓	✓
OPTIONAL	Pulling handle	✓	✓	✓



ZARA  
ZR8o-T





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## ZOE SHREDDER

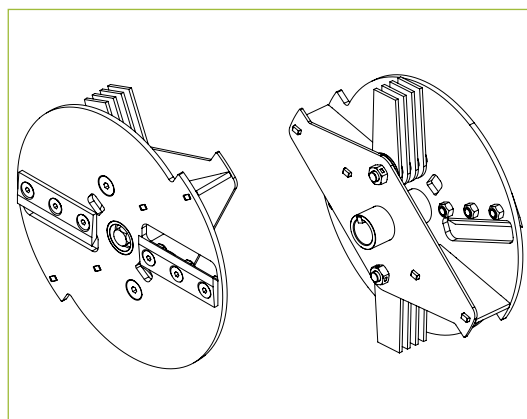
CUTTING UP TO 5,5 CM



### Bio shredder **ZOE belt drive**

A robust shredder for working in the garden and orchard





Cutting tool



Hardened high strength knives

### Large hopper opening

25 x 25 cm. It is easy to introduce pruning even as foliar as the hedge without having to blur it.

### Wide material discharge

With this size you can also download the material inside a box.

### Cutting system

On a 6 mm thick disc, two hardened front knives of 10 cm in length are mounted. On the back there are eight hammers that deflate the material and accelerate the decomposition process. There are then two counterknives: a radial and an axial working jointly. These are to ensure the homogeneity of the chipboard size and the maximum utilization of the engine power during shredding.

### Sieve

In the vicinity of the discharge chamber is fixed a sieve, which has the function of adjusting the size and homogeneity of the size of wood chips. You can choose to open manually, without tools, to maximize productivity.

### Belt drive system

Protects the motor from the shredding stress, making this machine particularly robust, strong and durable over time

### Plastic parts

Zoe has no plastic parts that could break, as is the case with many home-based shredders.

### Engines

Zoe has multiple engines with OIL ALERT: a device that turns off the engine when the oil runs out. In this way, you will be sure to preserve your car, and also be able to entrust it to third parties, as in the case of rental.

The ideal machine for shredding pruning of your hedge, your fruit trees and your garden.

## FEATURES



Max cutting diameter

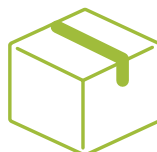
**5,5 cm**



Puncture free wheels and handle for easy movements



Zoe is equipped with a sieve which allows to graduate the shredded output of wood chips to obtain a suitable size for the purposes of supply of many types of biomass boiler



### PACKAGING

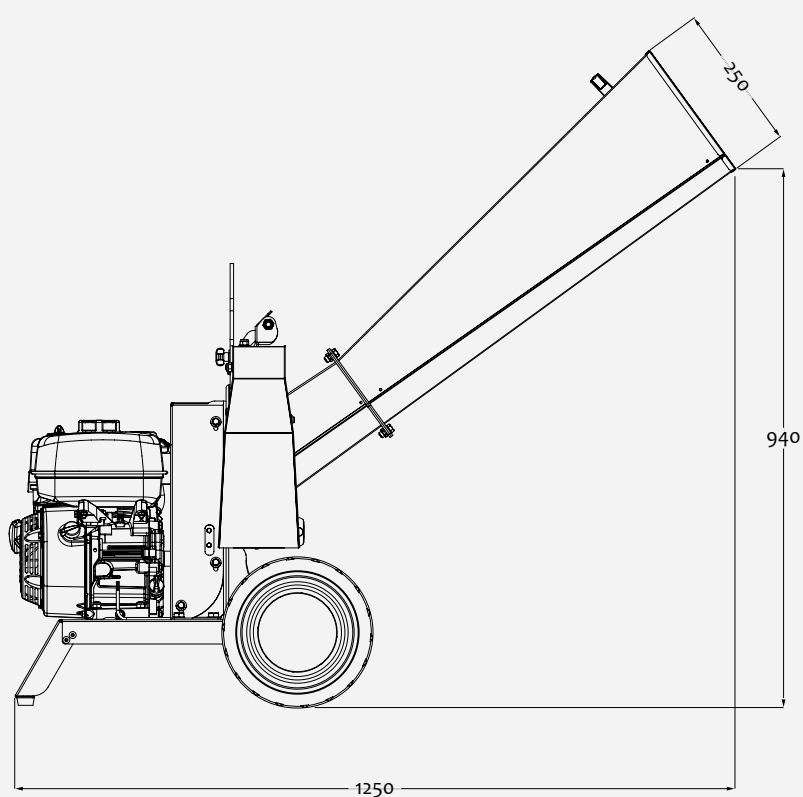
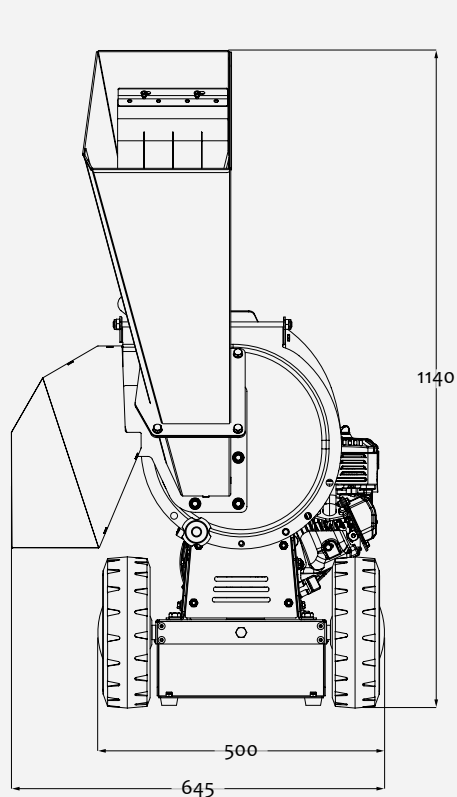
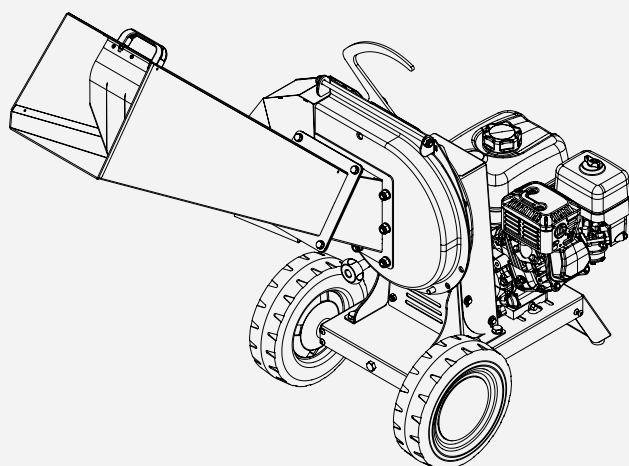
1 box on pallet:

700 x 650 h x 900 cm

1 complete pallet with 4 boxes

133 x 800 h x 1740 cm

## Dimensions





Wood chips obtained is perfect as mulching (for synergistic gardens, organic and biodynamic agricoltura) and for the production of compost.



For the care of the soil of your garden



To shred the leaves of the hedge



To shred the orchard's pruning

## Dati tecnici

ZOE			
Max chippable diameter		50-55 mm	50-55 mm
ENGINE	Type	Briggs & Stratton serie 950 - Cod. ZO50B2	Honda GP200 - Cod. ZO50H4
	Power	6,5 HP	5,5 Hp
	Start up type	Recoil start	Recoil start
	Fuel type	Gasoline	Gasoline
CUTTING SYSTEM	Type	Disc	Disc
	Blades - number	2 knives + 8 hammers	2 knives + 8 hammers
	Blades - material	Core hardened steel	Core hardened steel
	Trasmissione	Belt	Belt
HANDLING SYSTEM	Wheels number	2	2
	Type	Puncture free wheels	Puncture free wheels
	Diameter	260 mm	260 mm
GENERAL INFORMATION	Work configuration - dimensions	640 x 1250 x 1550 h mm	640 x 1250 x 1550 h mm
	Dimensions (pallet)	(4 boxes) 1330 x 800 x 1740 h mm	(4 boxes) 1330 x 800 x 1740 h mm
	Weight	60 kg	60 kg
	Sieve	✓	✓



Easy to carry even with small size cars



Example of woodchips





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# OLYSSE

## DEBRIS LOADER

Olysse has been designed to meet the needs of municipal, utility companies that deal with road, highway and park cleaning.



To be applied on

Agricultural trailer



Compactor truck, dump truck, tanks



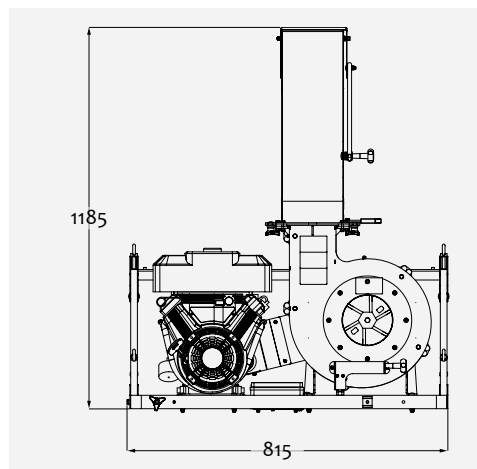
Employers of Agrinova technical office, will assist you on the planning the apply of Vacuum on your truck..



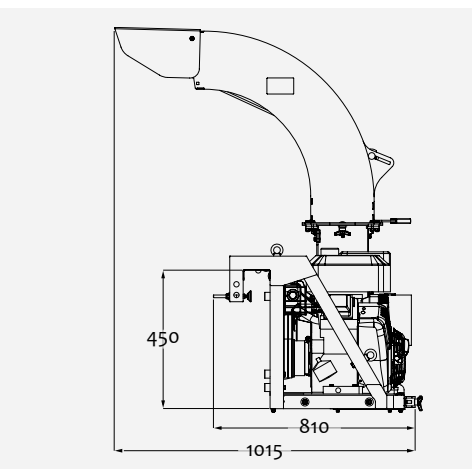
# OLYSSE

## Debris loader

### DIMENSIONS:

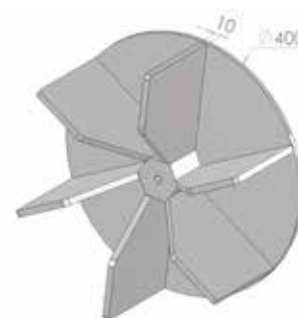


WEIGHT: 170Kg



### IMPELLER:

- Ø 400 mm
- 6 blades of 10 mm thickness and 155 mm height



### ENGAGEMENT:

Suitable for many kinds of side (customized on request)



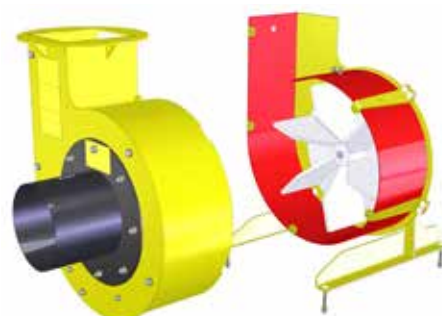
### TUBE:

- Lightweight, flexible polyurethane with a coiled, antistatic spiral ramata
- Length: 5 m or 200 mm
- With ergonomic handle
- Comfortable tube holder with one wheel (standard) or with two (optional) wheels, code AS8009



### HOUSING:

Steel dual-walled easy to remove



### MOTOR:

Powerful electric-start Briggs & Stratton Vanguard 18 hp engine



### DISCHARGE HOSE:

- 360° Swivelling
- Adjustable deflector with handle-olabile con maniglia



### TRANSMISSION:

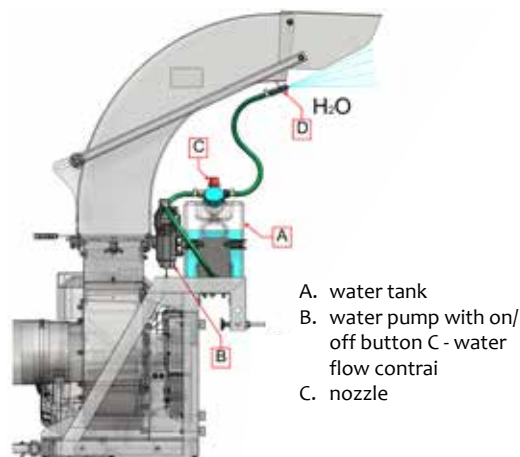
Double belt transmission and centrifugal clutch



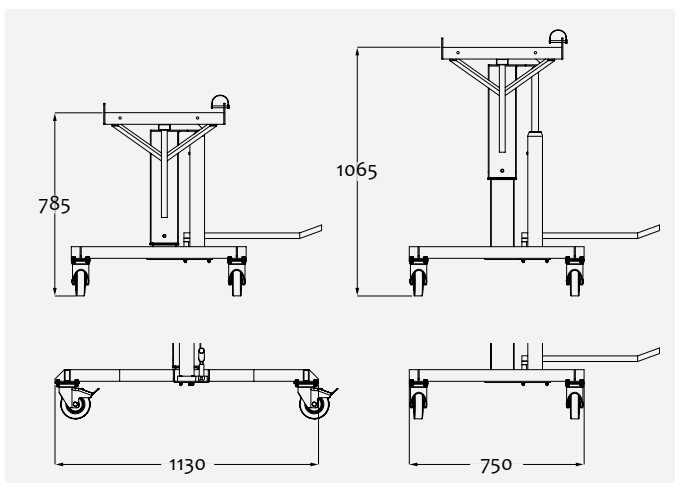


# OPTIONALS AVAILABLE

## COD. OL1300 - HUMIDIFIER KIT FOR DUST SUPPRESSION



## Cod. OL950 - MANUAL HYDRAULIC FORKLIFT FOR THE LIFTING AND COUPLING OF THE SIDE OLYSSEA



## NEW OPTIONALS

KIT HOSE HOLDER SQUEEZED SECTION WITH 2 WHEELS, FOR HOSE 180 mm DIAMETRE, 35 cm WIDTH cod. AS81SC



KIT HOSE HOLDER CIRCULAR SECTION DIAMETRE 180 mm WITH 2 WHEELS code AS8009



ADJUSTMENT ON 8 POSITIONS

### Technical data

		OL18
GENERAL INFORMATION	Dimensions	1708 x 1093 x 1900 h mm
	Peso	170 kg
ENGINE	Type	Briggs & Stratton - Vanguard
	Power	18 hp
	Displacement	V-Twin
IMPELLER	Diameter	400 mm
	Blades-number	6
	Blades-thickness	10 mm
	Steel dual-walled	✓
	Safety system with micro-switch	✓
HOSE	Diameter	200 mm
	Length	5 m
	Material	Polyurethane
	Hose-holder bar	✓
DISCHARGE CHUTE	Adjustable	360°
TRANSMISSION	double belt transmission and centrifugal clutch	✓
OPTIONAL		
Kit humidifier		OL1300
Manual hydraulic forklift		OL950
Kit hose holder circular section diameter 180 mm with 2 wheels		AS8009
Kit hose holder squeezed section with 2 wheels, for hose 180 mm diameter, 35 cm width		AS81SC
Street chassis		Contact us for information

ALSO AVAILABLE ON HOMOLOGABLE  
STREET CHASSIS

*(Street chassis model of your choice)*







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# OTTO

## DEBRIS LOADER

Otto is a tailgate mounted vacuum machine suitable to vacuum leaves, grass cuttings, small trash from roads, sidewalks, parks, car parks, and courtyards.

Otto is ideal to be mounted onto collection compactor vans, dedicated to urban hygiene, to efficiently clean public places after events (concerts, carnivals, markets).



Employers of Agrinova technical office, will assist you on the planning the apply of Vacuum on your truck..



# OTTO

## Debris loader

### BASE WITH 3 WHEELS:



### HOSE:

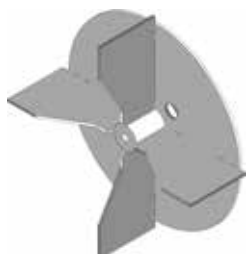
- Polyurethane hose for lightweight, flexibility and excellent wear resistance
- Length: 5m - o 180 mm
- With copper spirai guarantees antistatic properties
- Hose support with 1 wheel (standard) and with two wheels code AS8004



### IMPELLER:

- ø 330 mm
- 4 blades 4 mm thickness

The OT8 model, the impeller is connected directly to the motor shaft, while for the OT8 / H and OT8 / H2 models, **the transmission is belted**



### TIE HOOK AND LIFT HANDLE:

Suitable for many types of tail gates (customizable on request)



### COATED CHAIN AND COLLAR SUPPORT:

Swivel arm hooked to the chassis frame designed to hold the suction pipe almost weightless for effortless operation



### SAFETY DEVICE:

Limit switch to stop the impeller when the impeller shield is removed.



### DISCHARGE:

- 360° swivel
- Adjustable deflector



### OPTIONAL:

Lifting trolley with mechanical jacks. Cod: DT490DS (for OTBB) or DT490CS (for OTBH)



# OPTIONALS AVAILABLE

STEEL DUAL-WALLED PROTECTION  
FOR HOUSING cod:AS804



KIT HOSE HOLDER CIRCULAR  
SECTION WITH 2 WHEELS  
cod. AS8004

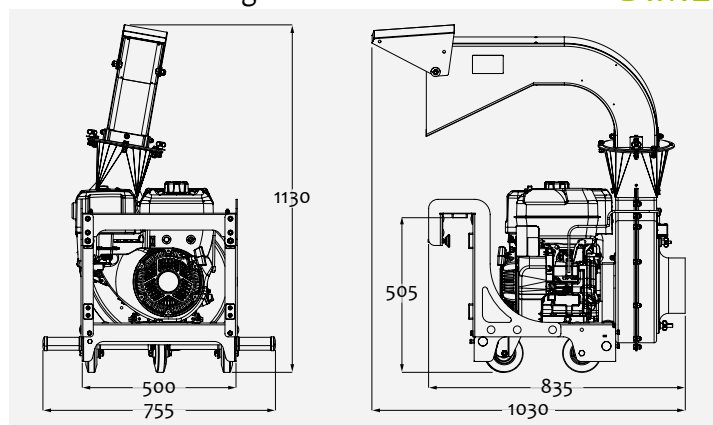


KIT HOSE HOLDER SQUEEZED  
SECTION WITH 2 WHEELS, FOR HOSE  
180 mm DIAMETRE, 35 cm WIDTH  
cod.ASBOSC



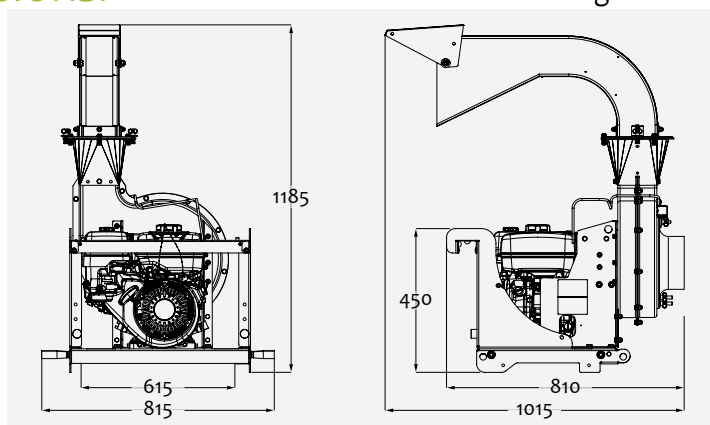
## Technical data

For models with engine B&S



**DIMENSIONS:**

For models with engine Honda



		OT8B	OT8H
GENERAL INFORMATION	Dimensions (box)	800 x 750 x 870 h mm	800 x 750 x 870 h mm
	Weight	97 kg	105 kg
	Base with 3 wheels	√	—
ENGINE	Type	Briggs & Stratton serie 1450	Honda GX270
	Power	9 hp	9 hp
IMPELLER	Diameter	330 mm	330 mm
	Blades - number	4 welded	4 welded
	Blades - thickness	4 mm	4 mm
	safety micro switch	√	√
HOSE	Diameter	180 mm	180 mm
	Length	5 m	5 m
	Material	Poliuretanic	Poliuretanic
	Hose-holder bar	√	√
	Circular section extendable tube bras with wheel	√	√
DISCHARGE CHUTE	Adjustable	360°	360°
TRANSMISSION		Direct	With double belt

### OPTIONAL

Lift truck	DT490DS	DT490CS
Kit hose holder circular section with 2 wheels	AS8004	AS8004
Kit hose holder squeezed section with 2 wheels, for hose 180 mm diameter, 35 cm width	AS80SC	AS80SC
Steel dual-walled protection for housing	AS504	AS804



### Technical data

#### SPECIAL MODEL

With special impeller to shred vacuumed material

Available only for the Honda models



#### TRACTOR MODEL (PTO)

With safety micro switch

To be connected to the 3 lifting points of 16 HP tractor at 540 rpm (16 or Higher)



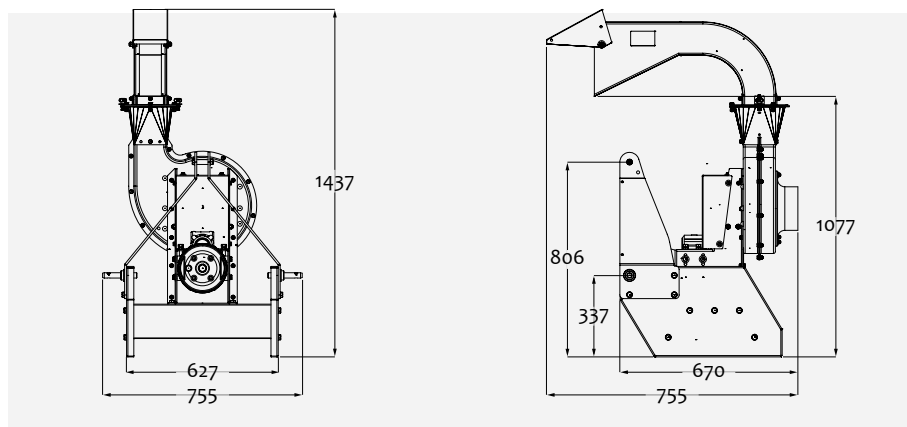
For the optional special version and tractor version, see the previous table

		OT8-HF	OT8-H2F
GENERAL INFORMATION	Dimensions (box)	800 x 750 x 870 h mm	800 x 750 x 870 h mm
	Weight	115 kg	120 kg
	Base with 3 wheels	—	—
ENGINE	Type	Honda GX270	Honda GX390
IMPELLER	Diameter	330 mm with special cutting system	330 mm with special cutting system
	Blades - numbers	4 welded	4 welded
	Blades - thickness	4 mm	4 mm
	Safety system with micro-switch	✓	✓
HOSE	Diameter	180 mm	180 mm
	Length	5 m	5 m
	Material	Poliuretano	Poliuretanic
	Hose-holder bar	✓	✓
	Circular section extendable tube bras with a wheel	✓	✓
DISCHARGE CHUTE	Adjustable	360°	360°
TRANSMISSION	with double belt	✓	✓

		OT8-T1
GENERAL INFORMATION	Dimensions (box)	1240 x 810 x 1870 h mm
	Weight	120 kg
ENGINE		For tractor starting to 16 hp - 540 Rpm
IMPELLER	Diameter	330 mm
	Blades - numbers	4 welded
	Blades - thickness	4 mm
HOSE	Diameter	180 mm
	Length	5 m
	Material	Poliuretanic
	Hose-holder bar	—
	Circular section extendable tube bras with a wheel	✓
DISCHARGE CHUTE	Adjustable	360°
TRANSMISSION	Made in Italy	Gear box with double belt

### DIMENSIONS

Model for tractor version





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## OLGA

### DEBRIS LOADER

OLGA is a tailgate mounted vacuum machine suitable to vacuum leaves, grass cuttings, small trash from roads, sidewalks, parks, car parks, campings and courtyards.

OLGA is ideal to be mounted onto collection compactor vans, dedicated to urban hygiene, to efficiently clean public places after events (concerts, carnivals, markets), and camping.



Employers of Agrinova technical office, will assist you on the planning the apply of Vacuum on your truck..



# OLGA

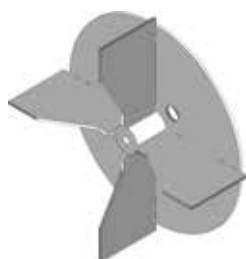
## Debris loader

OLGA OT16B		
GENERAL INFORMATION	Dimensions (box)	800 x 750 x 870 h mm
	Dimensions pallet (with 4 boxes)	800 x 1500 x 1870 h mm
	Weight	59 kg
	Base with 3 wheels	Optional - <b>Cod. OT120</b>
ENGINE	Type	Briggs & Stratton serie 950
	Power	6,5 hp
IMPELLER	Diameter	330 mm
	Blades - number	4 welded
	Blades - thickness	4 mm
	Safety system with micro-switch	✓
HOSE	Diameter	180 mm
	Length	5 m
	Material	Poliuretanic
DISCHARGE CHUTE		Fix
TRANSMISSION		Direct

### IMPELLER:

- Ø 330 mm
- 4 blades 4 mm thickness

The OLGA model, the impeller is connected directly to the motor shaft.



### HOSE:

- Polyurethane hose for lightweight, flexibility and excellent wear resistance
- Length: 5 m, diameter 180 mm
- Copper coiled to eliminate static charges



### SAFETY DEVICE:

Limit switch to stop the impeller when the impeller shield is removed

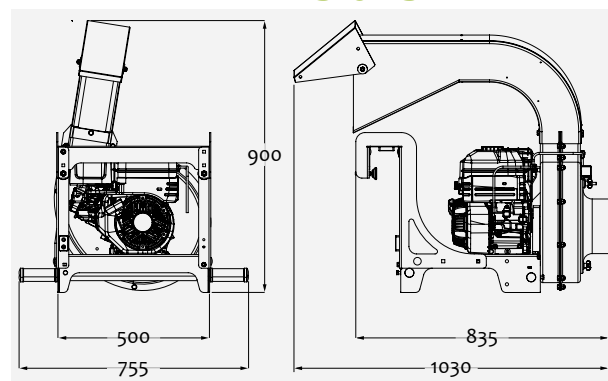


### TIE HOOK AND LIFT HANDLE:

Suitable for many types of tail gates (customizable on request)



### DIMENSIONS:



## OPTIONALS AVAILABLE

Lift truck:  
Code DT490DS



Base with 3 wheels:  
Code OT120



Kit hose holder squeezed section with 2 wheels, for hose 180 mm diameter, 35 mm width:  
Code ASBOSC



## OSWALD

### OUTDOOR VACUUM

*Oswald equipped with optional becomes a complete system for the cleaning of parks, gardens and roads.*



# OSWALD

## Outdoor vacuum

### SIDE BRUSH IN “SL-VERSION”

Oswald is also available with a side brush

The side brush allows a larger cleaning, offering better performances of the machines, reducing working times.

Features:

- Diameter 45 cm
- Bristles in 1 mm PPL



### IMPELLER WITH STAR-SHAPED KNIFE “13 VERSION”

Special “13 version” is provided for those who have large amounts of leaves to suck up and want to optimize the capacity of the bag. The machine in this series have a star-shaped knife, which cut the leaves up before they enter the turbine. The use of this knife means that these units are only suitable for suction of leaves as the knife obstruct the passageway.

**NOTE:** Suggested with oS73, the purchase of the Bag support trolley (AS450)



## OPERATOR SAFETY

The micro-switch placed in correspondence of the suction mouth, makes secure fast opening required for checks and maintenance.

Oswald is perfect for vacuuming leaves, pine needles, pine cones and light waste



## WHEELS:



Rear: 2 pneumatic.  
Front: 1 pivoting  
(2 pivoting on brush version)

## SELF-PROPELLED DIFFERENTIAL:

The differential is used in this model to increase manoeuvrability: when steering, the right and left-hand wheels can turn at different speeds



## TOP-LOADING OF THE BAGS:

To ensure full filling (230 lt capacity)



## MANUAL REGULATION OF SUCTION:

Adjustable on 6 levels



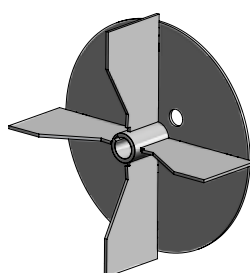
## SUCTION MOUTH PROFILE:

The profile of the polyethylene suction has been designed to facilitate the flow of leaves. (inlet suction area: 700 x 90 mm)



## IMPELLER:

With 4 x 4 mm steel radial blades



## HOUSIN OBTAINED BY PRESSING:

2 mm sheet metal





# OPTIONALS

MAKE YOUR OSWALD A SUCTION SYSTEM BY CHOOSING THE  
OPTIONALS THAT SUIT YOUR NEEDS

## BAGS



### AS978

Powder dust cover (dust dump)



### AS966

Disposable Bags (10  
Bags made of micro  
perforated paper)



### AS948

Special bag for easy  
suction of wet leaves



### AS958

Bag (standard)  
recommended in dry  
climates

## SUCTION HOSES

DIAMETER 180 mm



### AS91224

Hose in PVC Ø 180 | 5 m

### AS91203

Hose in POLYURETHANE  
Ø 180 | 5 m (very light  
and flexible)

DIAMETER 100 mm



### AS401

Hose in PVC Ø 100 | 4 m  
(not recommended for  
"version 13")

## BLOWER TRANSFORMATION KIT

SIDE BLOWER



### AS440

Composed of side exit  
nozzle and protection  
grid (not usable in  
models with side brush)

STUBE BLOWER



### AS51220

Consisting of -  
protection grille,  
special curve and PVC  
tube diameter 100 mm

## OTHER ACCESSORIES

GRAVEL KIT - WHEEL DIAMETER 260 mm



### AS65

Pneumatic wheel diameter  
260 mm recommended for  
working on gravel  
(Not usable in models with  
side brush)

BAG SUPPORT TROLLEY



### AS455 for Oswald

### AS450 for Oskar

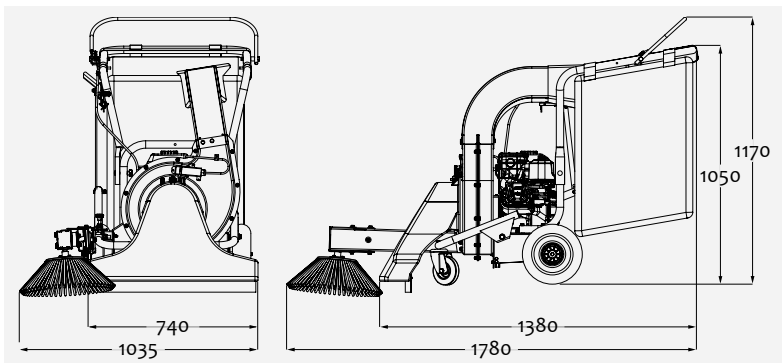
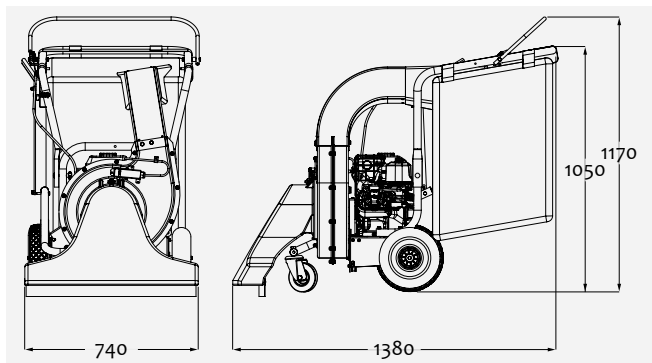
Recommended when  
vacuuming wet leaves,  
heavy material and with  
"version 13"



Pine needles



## DIMENSIONS:



## Technical data

BASIC MODELS		OS10D3	OS10D2H
GENERAL INFORMATION	Dimensions (box)	790 x 690 x 720 h mm	790 x 690 x 720 h mm
	Dimensions pallet (with 4 boxes)	1400 x 800 x 1600 h mm	1400 x 800 x 1600 h mm
	Weight	71 kg (about)	71 kg (about)
	Plastic nozzle - dimensions	70 x 10 cm	70 x 10 cm
	Regulation of suction	On 6 positions	On 6 positions
ENGINE	Type	Briggs & Stratton serie 1450	Honda GX160
	Power	6,5 hp	5,5 hp
IMPELLER	Diameter	330 mm	330 mm
	Blades	4 radial steel 4 mm	4 radial steel 4 mm
	Safety micro-switch	✓	✓
DISCHARGE	Leaf discharge	At the top	At the top
	Bag	AS958	AS958
HANDLING SYSTEM	Self propelled	✓ With differential	✓ With differential
	Wheels	2 pneumatic + 1 pivoting	2 pneumatic + 1 pivoting
OPTIONAL		See previous page	See previous page

MODELS WITH - FRONTAL BRUSH "SL"		OS10D3 - SL	OS10D2H - SL
Weight		78 kg (about)	78 kg (about)
With frontal brush		ø 450 mm - with belt transmission and steel gears	ø 450 mm - with belt transmission and steel gears
Configuration		as OS10D3 (no the weight) with 2 pivoting wheels	as OS10D2H (no the weight) with 2 pivoting wheels

MODELS WITH- IMPELLER LEAF SHREDDER "13"		OS13D3	OS13D2H
Weight		73 kg	73 kg
With leaf shredder		✓	✓
Configuration		as OS10D3 (no the weight) with 2 pivoting wheels	as OS10D2H (no the weight) with 2 pivoting wheels

MODELS WITH - FRONTAL BRUSH "SL" AND LEAF SHREDDER "13"		OS13D3 - SL	OS13D2H - SL
Weight		78 kg	78 kg
With frontal brush		ø 450 mm - with belt transmission and steel gears	ø 450 mm - with belt transmission and steel gears
With leaf shredder		✓	✓
Configuration		as OS10D3 (no the weight) with 2 pivoting wheels	as OS10D2H (no the weight) with 2 pivoting wheels



# OSKAR

## Vacuum leaf cleaner to push

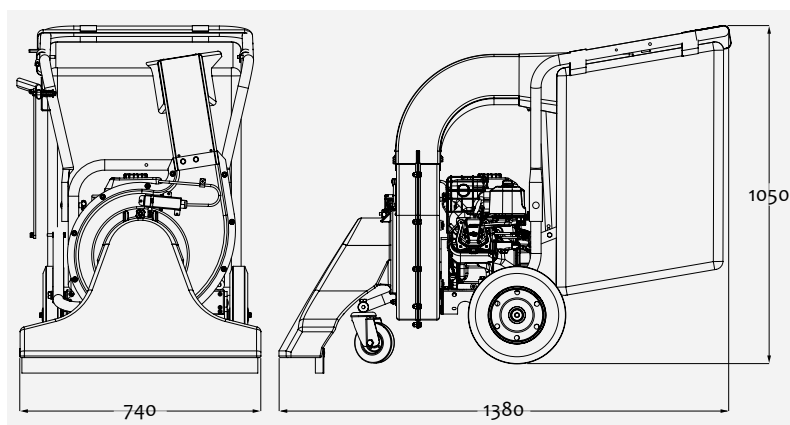
### Technical data



Side brush and  
star-shape knife  
not available

MODEL	OS10P	
GENERAL INFORMATION	Dimensions (box)	790 x 690 x 720 h mm
	Dimensions pallet (with 4 boxes)	1400 x 800 x 1600 h mm
	Weight	71 kg
	Plastic nozzle - dimensions	70 x 10 cm
	Regulation of suction	On 6 positions
ENGINE	Type	Briggs & Stratton serie 950
	Diameter	330 mm
IMPELLER	Blades - number	4
	Blades - thickness	4 mm
	Safety micro-switch	✓
HOSE	Diameter	180 mm
	Length	5 m
	Material	Poliuretanic
DISCHARGE	Leaf discharge	At the top
	Bag capacity	230 l
HANDLING SYSTEM	Wheels	2 pneumatic + 1 pivoting
OPTIONAL	See previous page	

### DIMENSIONS:



## CLEANING MISSION



Ed. October 2022





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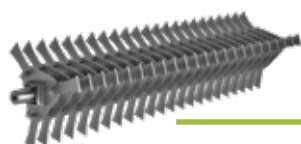
# JEREMY TOWED LAWN SCARIFIER FOR LAWNS AND FOOTBALL YARDS

95 cm

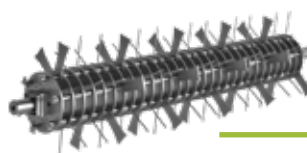


## Composed the scarifier suitable for your lawn

Line for the maintenance of **parks, gardens and sports fields**.



Movable  
knives



Spring &  
knives



**LONG LASTING BLADE** with anti-wear thermal treatment



# JEREMY

## Towed lawn scarifier - 95 cm

The details make the difference of Agrinova machines.

- The metal thickness of the shell
- The types of bearings
- The type of belts
- The type of steel chosen to produce the cutting knives
- Heat treatments to make them as strong and sharp as long as possible

and the wide range of types of machines, to meet the specific needs of the lawn to care.

Agrinova knows that every lawn is different and should be treated according to its needs, so **the scarifiers** that it produce offer a wide variety of cutting systems.

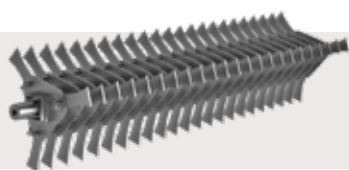
The know-how gained over many years of experience and comparison with the gardening sector experts led to the development of **different working systems**, which allow us to treat with maximum efficiency any kind of lawn



- They are handy but robust
- They have professional engines that don't leave you in the lurch (with oil alert)
- They have quality belts
- They have mounted wheels with metal hub
- Count-hours on demand



## WORK SYSTEM



### ROTOR SHAFT WITH MOVABLE/KNIVES

**BEST SELLER**

Choice of blade thickness



2,5 mm  
(as standard)

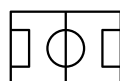


1,2 mm  
(on demand) for blade step  
30 or 40 mm

System that allow:

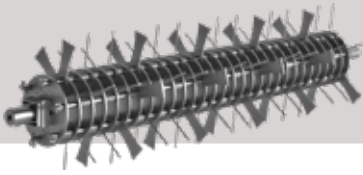
- Verticutting: Performs a number of cuts on the ground up to a recommended depth of up to 3 cm, but suggest maximum 0,5 cm
- Removing the moss by touching the ground

This system is referred floating because even if the impact blades against some of the typical gardens obstacle (superficial roots of plants, heads of sprinklers, curbs, etc ...) Will not be damaged, because they rotate on their own center and return to their working position thanks to centrifugal force rising from rotation at 3000 rpm).



### SPECIAL FOOTBALL YARD

Many customers have chosen narrow movable knives (90 blades) for the maintenance of the football yard



## ROTOR WITH SPRING & KNIVES

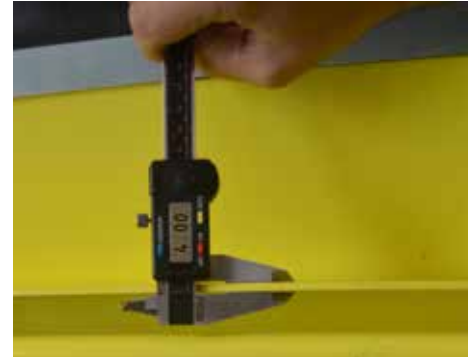


Often on the meadow there are accumulations of moss and felt, due to the stagnation of water, to the constant presence left to the ground, using the mulching system. Before brushing the grass roots and the first layer of soil, it is necessary to clean the felt sheet. You must comb the grass layer with soft tips such as those of a spring. However, as a result of a highspeed operation, with considerable power provided by the engine, it is necessary to give stiffness to the cutting system by intercepting springs with moving knives. This prevents the system from pushing too much on the springs of the springs avoiding the resulting breakage. This type of cutting system requires little power to the engine and must be made at the lowest possible speeds.

### CONSTRUCTIVE DETAILS



**Transmission:** Double belt drive.



**The body is very robust:** 4 mm thick -body weight 35 kg



**Balance ballast:** to balance the weight of the motor placed on one side of the machine, on the apposite side there is a ballast (different depending on the type of motor chosen).



**B&S or Honda Engine** - Powerful and Reliable - Choose from 9 to 13 hp. Perfectly dimensioned for these machines.



**The cutting system** is supported by two cast iron supports and two high quality ball bearings. The greaser, during maintenance, is easy to reach.



**Soft rubber wheels** that do not damage the grass, anti-puncture. They have ball bearings and are mounted on an axis of 20 mm in diameter.



**Working height adjustment system.** From sitting on the tractor / quad, the lever can be lifted by the lever so that the knives do not touch the ground.



**Adjustable helm attachment** to facilitate coupling with any type of tractor or quad.



### Technical data

SERIE		JEREMY
GENERAL INFORMATION	Working width	95 cm
	Dimensions (box)	1230 x 800 x 860 h mm
	Dimensions pallet	(with 2 boxes) 1230 x 800 x 1720 h mm
	Weight	127 kg (for <b>Cod.JU949</b> ) - 135 kg (for <b>Cod.JU950-H</b> )
	Bearings	Cast iron support bearing unit
ENGINE	Type	Briggs & Stratton serie 1450 - <b>Cod. JU949</b>
		Honda GX390 (13 hp) - <b>Cod JU950-H</b>
	Power	9 hp
HANDLING SYSTEM	Wheels	2 soft rubber wheels, on bearing (on axle of 20 mm di diametre)
WORKING SYSTEM	Standard	movable knives shaft 2,5 mm (step 40) (nr 69 knives) e - <b>Cod AR945</b>
	Optional	movable knives shaft 2,5 mm (stepp 30) (nr 90 knives) - <b>Cod AR946</b>
		shaft knives and springs (nr 29 knives + 58 springs) - <b>Cod AR947</b>
	Transmission	With 2 belts





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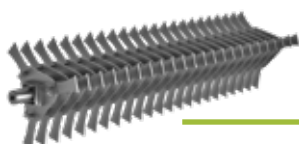
# JEREMY POWER RAKE FOR TRACTOR

70 cm

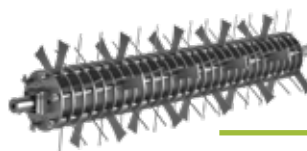


## Composed the scarifier suitable for your lawn

Line far the maintenance of **parks, gardens and sports fields.**



Movable  
knives



Spring &  
knives



**LONG LASTING BIADE** with anti-wear thermal treatment



# JEREMY

## Power rake for tractor - 70 cm

The details make the difference of Agrinova machines.

- The metal thickness of the shell
- The types of bearings
- The type of belts
- The type of steel chosen to produce the cutting knives
- Heat treatments to make them as strong and sharp as long as possible

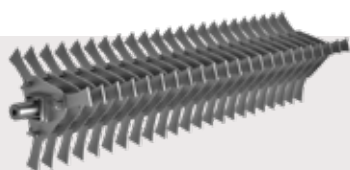
and the wide range of types of machines, to meet the specific needs of the lawn to care.

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The know-how gained over many years of experience and comparison with the gardening sector experts led to the development of **different working systems**, which allow us to treat with maximum efficiency any kind of lawn



## WORK SYSTEM



### ROTOR SHAFT WITH MOVABLE/KNIVES



Choice of blade thickness



2,5 mm  
(as standard)

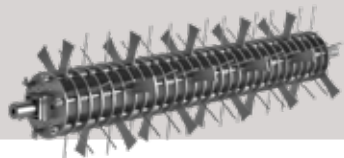


1,2 mm  
(on demand) for blade step  
30 or 40 mm

System that allow:

- Verticutting: Performs a number of cuts on the ground up to a recommended depth of up to 3 cm, but suggest maximum 0,5 cm
- Removing the moss by touching the ground

This system is referred floating because even if the impact blades against some of the typical gardens obstacle (superficial roots of plants, heads of sprinklers, curbs, etc ...) Will not be damaged, because they rotate on their own center and return to their working position thanks to centrifugal force rising from rotation at 3000 rpm).

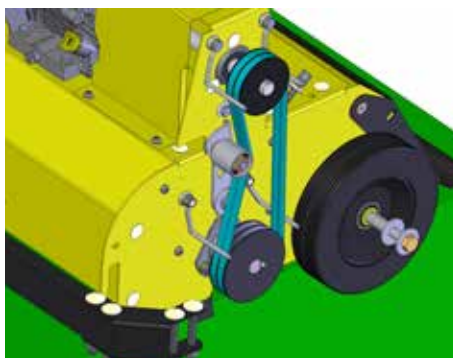


## ROTOR WITH SPRING & KNIVES



Often on the meadow there are accumulations of moss and felt, due to the stagnation of water, to the constant presence left to the ground, using the mulching system. Before brushing the grass roots and the first layer of soil, it is necessary to clean the felt sheet. You must comb the grass layer with soft tips such as those of a spring. However, as a result of a highspeed operation, with considerable power provided by the engine, it is necessary to give stiffness to the cutting system by intercepting springs with moving knives. This prevents the system from pushing too much on the springs of the springs avoiding the resulting breakage. This type of cutting system requires little power to the engine and must be made at the lowest possible speeds.

### CONSTRUCTIVE DETAILS



Transmission Double belt drive.



The central position of the engine, allows an excellent weigh balance



2 pivoting front wheels in solid rubber with sheet metal rims.



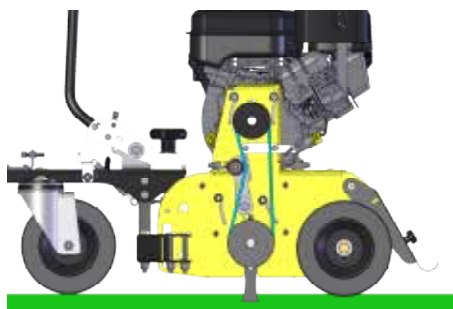
2 rubber wheels diametre 200 with metals rims.



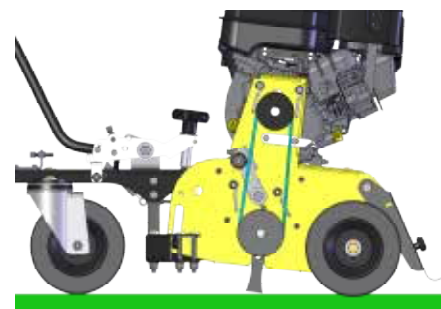
The cutting system is supported by two high quality.



Lifting handel and automatic starting of cutting system.



Belts in working position



Belts in rest position.



[www.agrinova-italia.it](http://www.agrinova-italia.it)

LONG LIFE POWERFUL PROFESSIONAL GARDEN SOLUTIONS



JEREMY 70



# JEREMY

## Power rake for tractor - 70 cm

### Technical data

JU70B2-T		
GENERAL INFORMATION	Working width	70 cm
	Dimensions (box)	1230 x 800 x 860 h mm
	Dimensions pallet	(with 2 boxes) 1230 x 800 x 1720 h mm
	Weight	68 kg
	Bearings	Cast iron support bearing unit
ENGINE	Type	Briggs & Stratton serie 950 - <b>Cod. JU70B2-T</b>
	Power	6,5 hp
HANDLING SYSTEM	Wheels	2 flx + 2 frontal pivoting
WORKING SYSTEM	Standard	Shaft movable knives 2.5 mm (step 40) 48 knives - <b>Cod AC700</b>
	Optional	haft spring & knives (nr 21 knives + 44 springs) - <b>Cod AL71</b>
	Transmission	With 2 belts



Ed. October 2022





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## JULIO POWER RAKE

70 cm



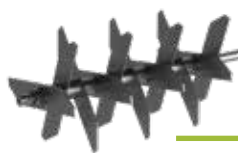
**NEW!**  
Screw-operated  
depth adjustment by key  
on request

## Composed the scarifier suitable for your lawn

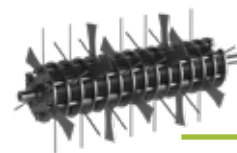
Line for the maintenance of *parks, gardens and football yard.*



Movable  
knives



Fixed  
knives



Spring &  
knives



**LONG LASTING BLADE** with anti-wear thermal treatment



# JULIO

## Power rake - 70 cm

The details make the difference of Agrinova MACHINES

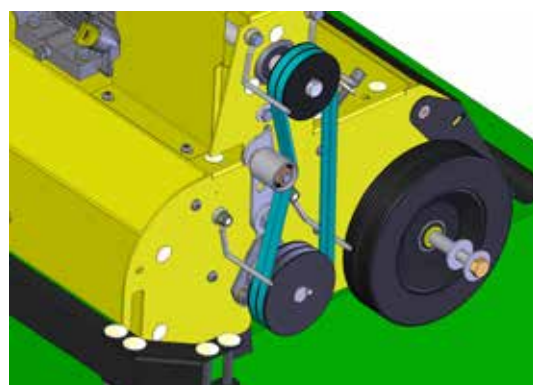
In order to ensure the regeneration and warming of the lawn, in spring and autumn, it is advisable to remove the excess thatch and to vertically incise the surface layer of the soil. This operation ensures the correct oxygenation of the lawn and is carried out with the scarifier (dethatcher)



### FEATURES:

- Engine in central position
- Pressed steel flange bearing unit
- 2 belts
- Wheels with mettalic hub
- Standard working system : movable knives
- Optional working system: fix knives, spring and kinves
- Height adjustment knob, with key lock (on request)

### TRANSMISSION WITH BELT



## Technical data

JU70B2		
GENERAL INFORMATION	Working width	70 cm
	Dimensions (box)	620 x 670 x 660 h mm
	Dimensions pallet	(with 2 boxes) 1260 x 800 x 1500 h mm
	Weight	63 kg
	Bearings	2 ball bearings with sheet metal support
ENGINE	Type	Briggs & Stratton serie 950 (in central position)
	Power	6,5 HP
HANDLING SYSTEM	Wheels	4 wheels with metal hubs
WORKING SYSTEM	Standard	Shaft movable knives 2.5 mm (step 40) 48 knives
	Transmission	With 2 belts



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## JOSEF SELF PROPELLED POWER RAKE

60 cm

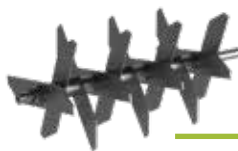


### Composed the scarifier suitable for your lawn

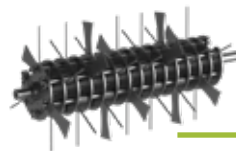
Line far the maintenance of **parks, gardens and football yard.**



Movable  
knives



Fixed  
knives



Spring &  
knives



**LONG LASTING BIADE** with anti-wear thermal treatment



# JOSEF

## Self propelled power rake - 60 cm

The details make the difference of Agrinova machines.

- The metal thickness of the shell
- The types of bearings
- The type of belts
- The type of steel chosen to produce the cutting knives
- Heat treatments to make them as strong and sharp as long as possible

and the wide range of types of machines, to meet the specific needs of the lawn to care.

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The know-how gained over many years of experience and comparison with the gardening sector experts led to the development of **different working systems**, which allow us to treat with maximum efficiency any kind of lawn



### PERFECT FOR LANDSCAPERS BECAUSE:

- The self propelled system allows easy and speed turf care. The operator only drive for overcrossing climbs and slopes.
- Variable speed allows
  - Adapting the detacher to the turf to maintaining.
  - Speed movements between 2 areas
  - Easy loading on transport means.

## WORK SYSTEM



### ROTOR SHAFT WITH FLAIL/BLADES

Cod. ACU600: 42 blades 2.5 mm thick

Choice of blade thickness

2,5 mm  
(as standard)

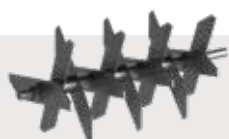


1,2 mm

(on demand) for blade  
step 30 or 40 mm



**BEST SELLER**



### SHAFT WITH FIXED BLADES

Cod. ACU610: 12 blades 2.5 mm thick

Choice of blade thickness

2,5 mm  
(as standard)



1,2 mm

(on demand) for blade  
step 30 or 40 mm

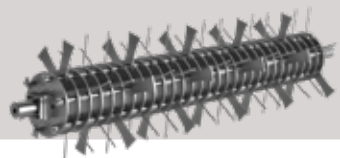


System that allow:

- Verticutting: Performs a number of cuts on the ground up to a recommended depth of up to 3 cm, but suggest maximum 0,5 cm
- Removing the moss by touching the ground

This system is referred floating because even if the impact blades against some of the typical gardens obstacle (superficial roots of plants, heads of sprinklers, curbs, etc ..) Will not be damaged, because they rotate on their own center and return to their working position thanks to centrifugal force rising from rotation at 3000 rpm).

Verticutting is literally vertical cutting, the operation of creating perfectly precise and rigid grooves on the grass. Grass roots will be cut off without being ripped off and without damage. The groove will have a constant depth and, if properly registered by the operator, is 0,3 cm to 0,5 cm, perfect for oxygenating the soil.



## SHAFT WITH SPRINGS AND FLIAL BLADES

Cod. AL610: 18 coltelli spessore 2,5 mm+ 36 molle



Often on the meadow there are accumulations of moss and felt, due to the stagnation of water, to the constant presence left to the ground, using the mulching system. Before brushing the grass roots and the first layer of soil, it is necessary to clean the felt sheet. You must comb the grass layer with soft tips such as those of a spring. However, as a result of a highspeed operation, with considerable power provided by the engine, it is necessary to give stiffness to the cutting system by intercepting springs with moving knives. This prevents the system from pushing too much on the springs of the springs avoiding the resulting breakage. This type of cutting system requires little power to the engine and must be made at the lowest possible speeds.

### CONSTRUCTIVE DETAILS



**Tires:** 4 tires 280 mm diametre, 100 mm wide



**Adjusting levers:** 7 far blades engaging 7 far self propelling 1 far speed regulation (upda-ting)



**Chassis 4 mm thickness**



**Speed regulation:** the variation of speed is obtained through axial shifting of central pulley driven by a self-lubricating bush. Variable speed from 0 up to 4,5 km/h.



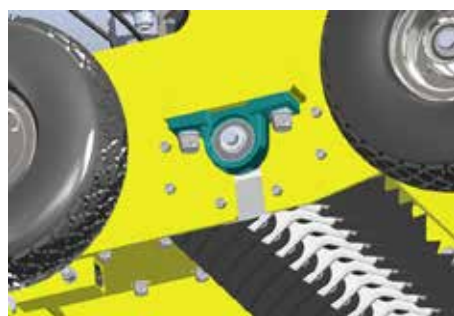
**Differential system:** obtained with freewheel sprocket and chain drive



Good stability thanks **central position of engine**



**Heavy duty gear boxes**



**Cast iron support bearings:** with grease nipple for quick disassembly of the cutting shaft



**Cutting depth regulation:** 11 positions.



# JOSEF

## Self propelled power rake - 60 cm



1. Honda engine
2. Heavy duty chassis 4 mm thickness steel
3. Cover belt casing
4. Lever for depth regulation
5. Blades engaging lever
6. Self propelling lever
7. Speed regulation lever
8. Tires 280 mm diameter
9. Speed accelerator

## Technical data

JOSEF		
ENGINE	Type	<b>Honda GP200</b>
	Main features	4 stroke, air cooled, OHV (overhead valves), oilguard
	Displacement	Single cylinder 196 cc
	Tank capacity	3,1 litres
	Oil capacity	0,6 litres
	Power	4,1 Kw @ 3600 rpm, Ref. SAE J1349
WORKING SYSTEM	Nominal working width	60 cm
	Standard	Movable knives shaft 2,5 mm (step 40) (nr 42 knives) - <b>Cod. ACU600</b>
	Optional	Shaft knives and springs (step 29) (nr 78 knives + 36 springs) - <b>Cod AL670</b>
		Fixed blades shaft 2,5 mm (nr 12 blades) - <b>Cod ACU610</b>
	Engine-knives shaft transmission	1 section B belt, with high performance coating
	Knife shaft bearings	Industrial cast iron supports with greaser
TRANSMISSION	working depth adjustment	11 Steps, with manual lever
	Traction	Rear wheels
	Speed regulator	Continuous, variable pulley variator
	Final transmission	Differential with free wheel sprockets and final chain drive
	Front /rear wheels	Pneumatic, 280 mm, on ball bearings
	Max speed	4,5 km/h
GENERAL INFORMATION	Weight	90 kg
	Work configuration - dimensions	800 x 1150 x 1070 h mm
	Transport configuration - dimensions	800 x 1150 x 750 h mm
	Chassis	Welded, 4mm thickness

In order to ensure the regeneration and warming of the lawn, in spring and autumn, it is advisable to remove the excess thatch and to vertically incise the surface layer of the soil. This operation ensures the correct oxygenation of the lawn and is carried out with the scarifier (dethatcher)



LONG LIFE POWERFUL  
PROFESSIONAL GARDEN SOLUTIONS

## JURGEN POWER RAKE

45 & 60 cm



**NEW!**  
Screw-operated  
depth adjustment by key  
on request

## Composed the scarifier suitable for your lawn

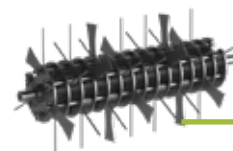
Line for the maintenance of **parks, gardens and football yard.**



Movable  
knives



Fixed  
knives



Spring &  
knives



**LONG LASTING BLADE** with anti-wear thermal treatment



# JURGEN

## Power rake - 45 & 60 cm

The details make the difference of Agrinova machines.

- The metal thickness of the shell
- The types of bearings
- The type of belts
- The type of steel chosen to produce the cutting knives
- Heat treatments to make them as strong and sharp as long as possible

and the wide range of types of machines, to meet the specific needs of the lawn to care.

Agrinova knows that every lawn is different and should be treated according to its needs, so **the scarifiers** that it produce offer a wide variety of cutting systems.

The know-how gained over many years of experience and comparison with the gardening sector experts led to the development of **different working systems**, which allow us to treat with maximum efficiency any kind of lawn



- They are handy but robust
- They have professional engines that don't leave you in the lurch (with oil alert)
- They have quality belts
- They mounted wheels with metal hub
- Count-hours on demand



## WORK SYSTEM



### ROTOR SHAFT WITH MOVABLE/KNIVES



Choice of blade thickness



2,5 mm  
(as standard)



1,2 mm  
(on demand) for blade step  
30 or 40 mm

System that allow:

- Verticutting: Performs a number of cuts on the ground up to a recommended depth of up to 3 cm, but suggest maximum 0,5 cm
- Removing the moss by touching the ground

This system is referred floating because even if the impact blades against some of the typical gardens obstacle (superficial roots of plants, heads of sprinklers, curbs, etc ..) Will not be damaged, because they rotate on their own center and return to their working position thanks to centrifugal force rising from rotation at 3000 rpm).



## SHAFT WITH FIXED BLADES

Choice of blade thickness



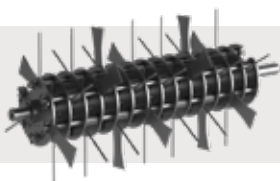
2,5 mm  
(as standard)



1,2 mm  
(on demand) for blade step  
30 or 40 mm

Verticutting is literally vertical cutting, the operation of creating perfectly precise and rigid grooves on the grass. Grass roots will be cut off without being ripped off and without damage.

The groove will have a constant depth and, if properly registered by the operator, is 0,3 cm to 0,5 cm, perfect for oxygenating the soil.



## SHAFT WITH SPRINGS AND KNIVES



Often on the lawn there are accumulations of mass and thatch, due to the stagnation of water, to the constant presence of mass left on the ground using the mulching system. Before grinding the grass roots and the first layer of soil, it is necessary to clean the thatch sheet. You must comb the grass layer with soft tips as they are of a spring.

However, as a result of a high speed operation, with a considerable amount of power available from the engine, it is necessary to give stiffness to the cutting system by spacing the springs with moving knives. This prevents the system from pushing too much on the springs, avoiding the resulting breakage. This type of cutting system requires little power to the engine, and must be performed at the lowest possible speeds.



## CONSTRUCTIVE DETAILS



### BELT TRASMISSION

A double toothed belt (**MADE IN GERMANY**) to ensure many hours of work (perfect for rental) Tension wedge metal belts, mounted on double bearing with **diameter 60 mm**.



### CAST IRON BEARINGS

Ball bearings on cast iron support and greasing point.



### OSCILLATING FRONT WHEEL AXLE

The cutting system always stays parallel to the ground (even in slopes)



# JURGEN

## Power rake - 45 & 60 cm



1. Honda or B&S engine
2. Robust steel shell (3 mm)
3. Carter belt cover
4. Screw-operated depth adjustment (up to 25-30 mm with unworn blades)
5. Lever (to stop the movement of the knives on)
6. Wheel swing section
7. Wheels with metal hub
8. Height adjustment system protection mask
9. Cast Iron Pillow Block Bearings with Grease Zerk

Bag (optional)



Easy to transport even by small car



## Technical data

		JURGEN	JURGEN
		45 cm	60 cm
ENGINE - MACHINE CODE	WORKING WIDTH		
		Briggs & Stratton serie 950 - <b>Cod. JU47B2-RM</b> Honda GX160 - <b>Cod. JU47H-RM</b>	Briggs & Stratton serie 950 - <b>Cod. JU603B2-RM</b> Honda GX160 - <b>Cod. JU603H-RM</b>
WORKING SYSTEM	Toothed belts	2	2
	Standard	Shaft with mobile blades 2,5 mm thickness (step 40 mm) - <b>Code ACO</b> (33 blades)	Shaft with mobile blades 2,5 mm thickness (step 40 mm) - <b>Cod. AC2</b> (42 blades)
		Shaft with mobile blades 2,5 mm thickness (step 30 mm) - <b>Cod. AR245</b>	Shaft with mobile blades 2,5 mm thickness (step 30 mm) - <b>Cod. AR260</b>
		Shaft with mobile blades 1,2 mm thickness (step 40 mm) - <b>Cod. ACOS</b>	Shaft with mobile blades 1,2 mm thickness (step 40 mm) - <b>Cod. AC2S</b>
		Shaft with mobile blades 1,2 mm thickness (step 30 mm) - <b>Cod. AR252</b>	Shaft with movable blades 1,2 mm thickness (step 30 mm) - <b>Cod. AR261</b>
	Optional	Shaft with fixed blades 2,5 mm thickness (step 40 mm) - <b>Cod. AR305</b> (15 blades)	Shaft with fixed blades 2,5 mm thickness (step 40 mm) - <b>Cod. AR301</b> (19 blades)
		Shaft with fixed blades 2,5 mm thickness (step 30 mm) - <b>Cod. ACOF2</b>	Shaft with fixed blades 2,5 mm thickness (step 30 mm) - <b>Cod. AC2F2</b>
		Shaft with fixed blades 1,2 mm thickness (step 30 mm) - <b>Cod. ACOF</b>	Shaft with fixed blades 1,2 mm thickness (step 30 mm) - <b>Cod. AC2F</b>
		Shaft with fixed blades 1,2 mm thickness (step 40 mm) - <b>Cod. ACOF1</b>	Shaft with fixed blades 1,2 mm thickness (step 40 mm) - <b>Cod. AC2F1</b>
		Shaft with spring and blades - <b>Cod. AL48</b>	Shaft with spring and blades - <b>Cod. AL61</b>
GENERAL INFORMATION	Weight	53 kg	58 kg
	Dimensions (box)	620 x 670 x 660 h cm	750 x 670 x 660 h cm
	Dimensioni pallet	(with 4 boxes) 1260 x 800 x 1500 h cm	(with 4 boxes) 1360 x 800 x 1500 h cm
	Bag	Optional (on request) - <b>Cod. AR370</b>	Optional (on request) - <b>Cod. AR371</b>
	Wheels	4 with metal hubs	4 with metal hubs

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LONG LIFE POWERFUL  
PROFESSIONAL GARDEN SOLUTIONS

## JEFF POWER RAKE

38 & 45 cm

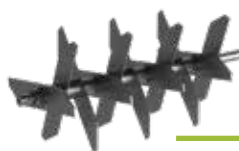


## Composed the scarifier suitable for your lawn

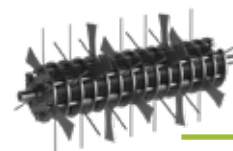
Line for the maintenance of **parks, gardens and football yard.**



Movable  
knives



Fixed  
knives



Spring &  
knives



**LONG LASTING BLADE** with anti-wear thermal treatment



# JEFF

## Power rake - 38-45 cm

The details make the difference of Agrinova machines.

- The metal thickness of the shell
- The types of bearings
- The type of belts
- The type of steel chosen to produce the cutting knives
- Heat treatments to make them as strong and sharp as long as possible

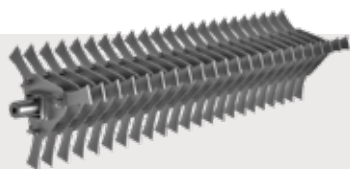
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## WORK SYSTEM



### ROTOR SHAFT WITH MOVABLE/KNIVES



Choice of blade thickness



2,5 mm  
(as standard)



1,2 mm  
(on demand) for blade step  
30 or 40 mm

System that allow:

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## SHAFT WITH FIXED BLADES

Choice of blade thickness



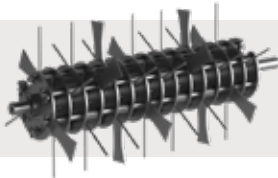
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## CONSTRUCTIVE DETAILS



### BELT TRASMISSION

A double toothed belt (for versions from 45 to 60 cm).

Tension wedge metal belts. mounted on double bearings for long life



**RECOILING BAG**  
(OPTIONAL)



### OSCILLATING FRONT WHEEL AXLE

The cutting system always stays parallel to the ground (even in slopes)



# JEFF

## Power rake - 38-45 cm



1. Engine
2. Robust steel shell (3 mm)
3. Carter belt cover
4. Screw-operated depth adjustment
5. Lever (to stop the movement of the knives on)
6. Wheel swing section
7. Cast Iran Pillow Block Bearings



Easy to transport even with small cars



JE38R		JE47B2	
	Working width	38 cm	45 cm
ENGINE - MACHINE CODE		Briggs & Stratton serie E550 <b>Cod. JE38R</b>	Briggs & Stratton serie 950 <b>Cod. JE47B2</b>
WORKING SYSTEM	Toothed belts	1	2
	Standard	Shaft with mobile blades 2,5 mm thickness (step 40 mm)	Shaft with mobile blades 2,5 mm thickness (step 40 mm) - <b>Cod. ACO</b> (33 blades)
		Shaft with mobile blades 2,5 mm thickness (step 30 mm) - <b>Cod. AR1512</b>	Shaft with mobile blades 2,5 mm thickness (step 30 mm) - <b>Cod. AR245</b>
		Not available	Shaft with mobile blades 1,2 mm thikness (step 40 mm) - <b>Cod. ACOS</b>
		Not available	Shaft with mobile blades 1,2 mm thikness (step 30 mm) - <b>Cod. AR252</b>
	Optional	Shaft with fixed blades 2,5 mm thikness (step 40 mm) - <b>Cod. AR450</b> (9 coltelli)	Shaft with fixed blades 2,5 mm thikness (step 40 mm) - <b>Cod. AR305</b> (11 coltelli)
		Shaft with fixed blades 2,5 mm thikness (step 30 mm) - <b>Cod. AR450F2</b>	Shaft with fixed blades 2,5 mm thikness (step 30 mm) - <b>Cod. ACOF2</b>
		Not available	Shaft with fixed blades 1,2 mm thikness (step 30 mm) - <b>Cod. ACOF</b>
		Not available	Shaft with fixed blades 1,2 mm thikness (step 40 mm) - <b>Cod. ACOF1</b>
		Not available	Shaft with spring and blades - <b>Cod. AL48</b> (14 blades / 28 springs)
GENERAL INFORMATION	Weight	36,5 kg	54 kg
	Dimensions (box)	660 x 530 x 630 h cm	620 x 670 x 660 h cm
	Dimensions pallet	(with 6 boxes) - 1200 x 800 x 2100 h cm	(with 4 boxes) - 1260 x 800 x 1500 h cm
	Bag	Optional (on request) - <b>Cod. AR338</b>	Optional (on request) - <b>Cod. AR370</b>
	Wheels	4 plastic with ball bearings	4 plastic with ball bearings

The products are subject to technical evolution and this catalogue may not be completely updated. The data indicated in the tables, photos and images are to be considered informative and non-binding.

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