



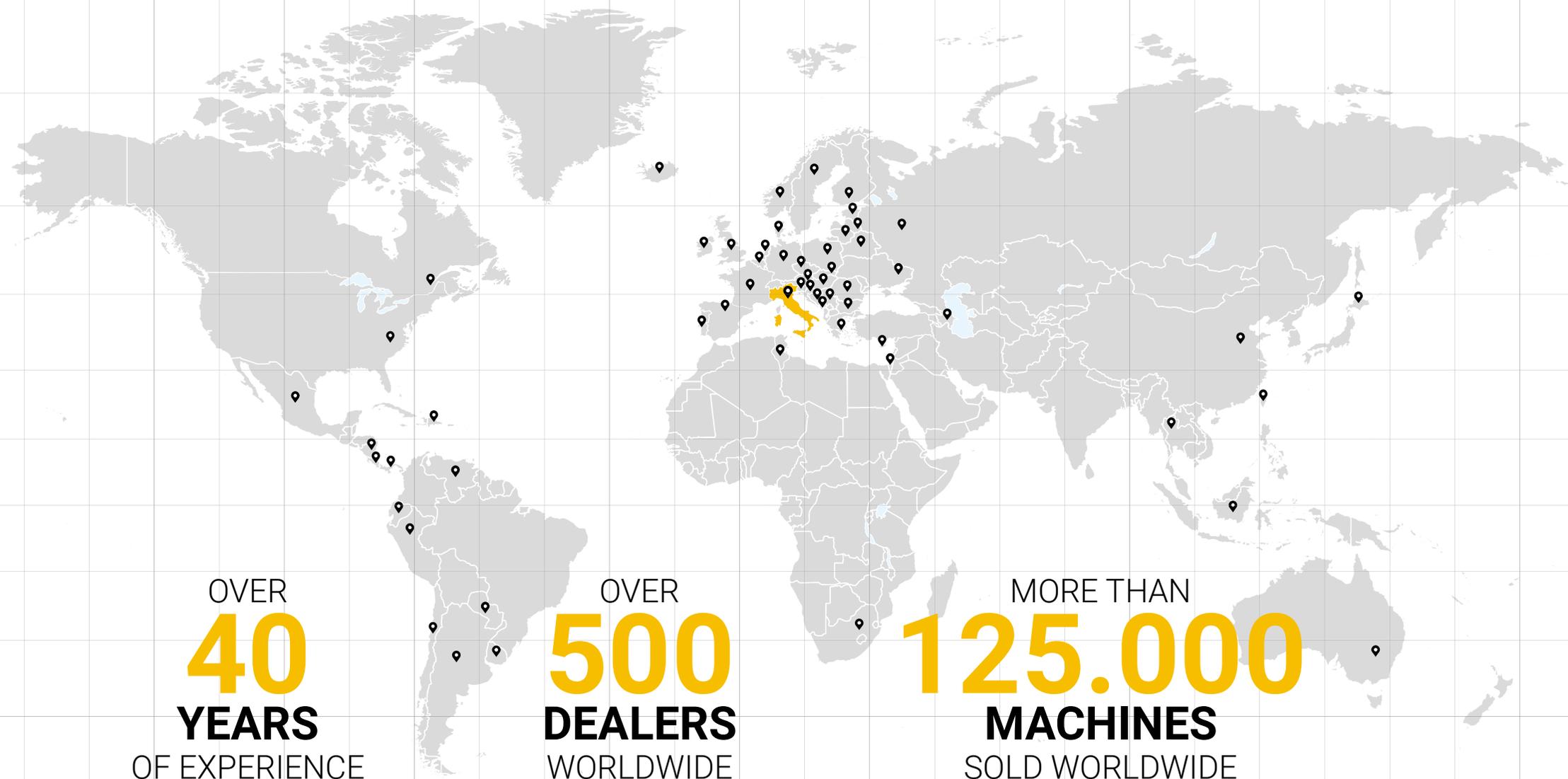
44° 41' 13" N
11° 20' 17" E

**FOR TRADITION
ONE STEP AHEAD**

SIDE MULCHERS

WWW.ORSIGROUP.IT

OUR DISTRIBUTION WORLD WIDE



OVER
40
YEARS
OF EXPERIENCE

OVER
500
DEALERS
WORLDWIDE

MORE THAN
125.000
MACHINES
SOLD WORLDWIDE



THE ORSI STORY

ORSI, THE BRAND THAT MANUFACTURES HIGH-TECH 100% MADE IN ITALY, GRASS CUTTING MACHINES. USING THE CONCEPT OF TRADITION OF THE HISTORY OF ITALIAN MANUFACTURING DESIGN ESPECIALLY IN THE BOLOGNA AREA.

ORSI factories smell of history and tradition, but always thinking about continuous innovation and preserving their identity over time.

From this union was born *in 1979* from the idea of a young Stefano Orsi, the manufacturing of agricultural machinery. A young entrepreneur who immediately focused on building innovative machines for those years whilst trying to understand what the farmers of his beloved " Emilia Romagna " region were asking for".

To realize his idea, Orsi started trying to satisfy the concept of Italianness making his machines with care and devotion. Listening to the advice that came from farmers in the area, who were looking for machines that did not exist at that time, hence the first side mulcher. A machine that owes its creation *in 1982* to ORSI!

In 1989 thanks to the continuous growth of the Brand in the Italian market, ORSI began to export to France first, and then quickly expanded to all other European markets.

Today the brand counts with distributors all over the world, always trying with its own philosophy to satisfy the different needs in each very different market.

The atmosphere inside the two production complexes, Grizzana Morandi and Castello d'Argile, both in the province of Bologna, exude enthusiasm in trying to improve continuously the product, trying to innovate its machines with technological and avant-garde solutions.

Many of the mechanical processes are carried out in the first factory, whilst the headquarters with administration and further manufacturing/assembling are located at the second.

Just think of the new "Frontal" side mulcher machine that was launched on the market *in 2020* to meet the needs of many end-users who today can work in perfect comfort and safety having the machine fitted to the front Linkage / PTO of the tractor, an absolute novelty in the market of mulchers.

A total of around 110 people work between the two production complexes.

The sense of Italianness in ORSI is always found in hearing Stefano Orsi say "for us, made in Italy means that Italians should like machines first".

ORSI company is a 'family' that loves their country and never gives up working with dreams and ambition as in 1979.



CONSTANT EVOLUTION

1982



Mediante un sistema autolivellante, non necessitano di un continuo adattamento al terreno e raggiungono un'inclinazione di oltre 70° per un'accurata pulizia di fossi e cunette.

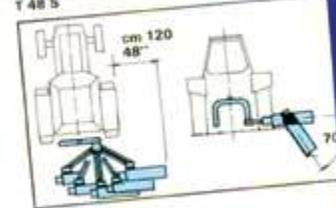
Le nostre trinciatrici si possono usare sia all'interno che all'esterno della carreggiata del trattore, per la pulizia di: trutteti, vigneti e cigli di strada.

ORSI
l'esperienza al vostro servizio

CARATTERISTICHE GENERALI

Modello	Lunghezza di taglio cm	Potenza min richiesta HP	Potenza max richiesta HP	Numero coltelli	Vel. presa di forca grv/t	Velocità azione grv/t	Profondità di taglio cm	Peso kg
T 32 S	105	25	40	32	540	2430	150-160	300
T 38 S	120	30	45	38	540	2430	160-170	320
T 42 S	130	30	45	42	580	2430	170-180	335
T 48 S	160	35	50	48	540	2100	150-160	370
T 32 S/L	105	30	40	32	540	2430	240-260	320

ORSI ANDREA
40050 MASCARINO DI CASTELLO D'ARGILE
(Bologna) ITALY
Via Bollighe, 18 - Tel. 051/974767 - 975431
Telex 5106180 OSV I



**BASTA CON LA FATICA!
RIVOLGITI A ORSI
E RISOLVI MILLE PROBLEMI**



**ORSI HA CREATO PER TE
UNA VASTA GAMMA DI TRINCIATRICI
PER UNO SVARIATO UTILIZZO**

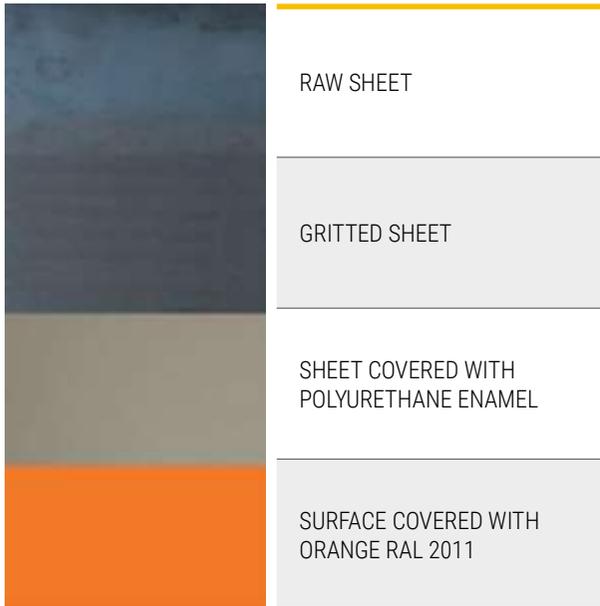
TODAY



ANTICORROSIVE TREATMENT

ANTICORROSIVE POWDER TREATMENT

- Shot Blasting SA Ø 2,5
- Primer application in zinc phosphate epoxy powder thickness 60-80 µm
- EXTRA polyurethane finishing powder (UV-resistant) thickness 60-80 µm polymerization at 180° for 20'
- Final dry thickness 120-160
- Orange colour RAL 2011
- Corrosivity class c5-i following DIN55633 and DIN EN ISO 12944-6 norms
- Salt spray resistance 2000h



N.B. These cycles are applied on all our equipment.

ANTICORROSIVE LIQUID TREATMENT FOR MECHANICAL AND HYDRAULIC COMPONENTS

HIGH STRENGTH CYCLE

- Shot Blasting sa Ø 2,5
- Epoxy bi-component primer application in zinc CT90
- Expoprimer application CT113 grey 7035
- EXTRA bi-component polyurethane enamel application (UV-resistant)
- Final dry thickness 350-400 µm

STANDARD CYCLE

- Shot Blasting sa Ø 2,5
- Expoprimer application CT113 grey 7035
- EXTRA bi-component polyurethane enamel application (UV-resistant)
- Final dry thickness 180-200 µm

“WHY AN EXCELLENT PAINTING IS IMPORTANT”

BECAUSE IT KEEPS THE PRICE OF THE MACHINE ON THE SECOND-HAND MARKET.



BENEFITS OF MULCHING

Shredding is the cutting up of growth and residues into a fine mulch, leaving the field perfectly clean to allow the following cultivation phases to proceed, the clearing of growth and residue in Orchards, or the clearing of land that has been abandoned for some time.

The activity of a good plant residue control bring the following benefits:

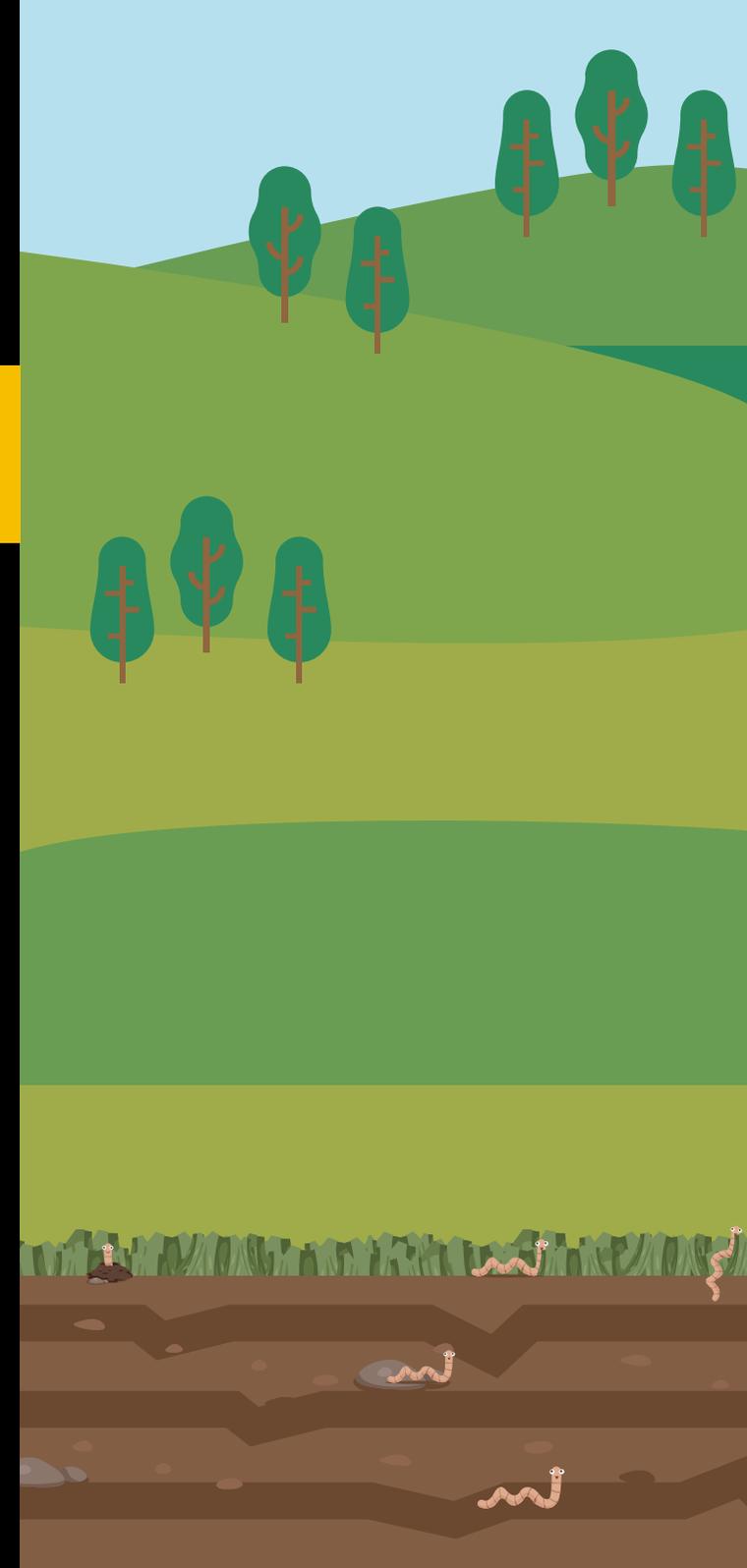
- the swing out Mulchers are born with the concept of being able to keep channel or ditches clean to prevent them from clogging up and overflowing water during the rainy season, creating inconvenience and flooding
- the surface layers stabilize and prevent their erosion
- an improvement in soil fertility
- the phenomenon of runoff in land is reduced, it is very suitable in the hills or in mountain
- it reduces the loss of water due to evaporation.

You can choose between different machines to be selected based on the depth of the channel / ditch.

The swing out mulcher can be used all of the year depending the job to do, as they are multipurpose machines and therefore can be used as a horizontal mulcher, closed behind the tractor.

The use of mulchers involves numerous advantages the most important is to fight weeds, avoiding the use of herbicides.

the cut grass that remains on the ground brings natural organic substances in to the subsoil.







SIDE MULCHERS

WHY WE USE HARDOX?

Hardox® 450

The most popular abrasion-resistant steel with excellent structural properties.

Hardox® 450 is an abrasion-resistant steel with a nominal hardness of 450 HBW. Hardox® 450 combines good bendability and weldability with an option for guaranteed impact toughness (Hardox® 450 Tuf).

The products can be used in many different components and structures that are subject to wear. Hardox® 450, with an extra 50 Brinell hardness over our 400 grade, provides better dent and abrasion resistance as well as longer wear life, so you can achieve even greater savings.



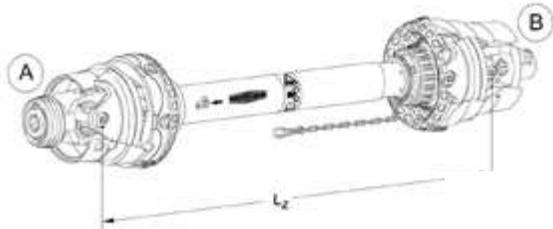
WHY WE USE STRENX?

Superior properties

Strenx® steel has extremely consistent properties, ensuring precision and efficiency in the workshop.

If you think all steel is basically the same, Strenx® performance steel will change your thinking. Strong and reliable from surface to core, Strenx® steel features exceptional surface quality as well as impressive thickness and flatness tolerances verified by the Strenx® guarantees. The steel's properties - yield and tensile strength, bending performance, impact toughness - are carefully tested to ensure reliability and consistency in every delivery.





CONSTANT VELOCITY DRIVE DOUBLE CARDAN

for greater regularity and safety when moving even with particularly high working angles

CUTTING HEAD SELF-LEVELING SYSTEM BY MEANS OF HYDRAULIC FLOATING

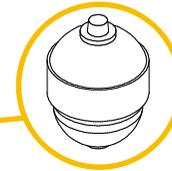
HYDRAULIC SIDE MOVEMENT

with adjustable ram and double acting anti-creep valve

ROBUST AND ERGONOMIC FRAME

COUNTER KNIFE

Increased rows of counter knives hold the material in for more complete shredding



"SMART SAFETY" HYDRO-PNEUMATIC "NON STOP" SHOCK ABSORBER SAFETY SYSTEM

in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

CUTTING CHAMBER

made up of a double frame in some models that increases resistance and protects the integrity of the machine, avoiding damage to the hood

SUPPORT FOOT IN REST POSITION

ADJUSTABLE SIDE SKIDS TO CONTROL THE WORKING HEIGHT

REAR ROLLER WITH ANTI-FLOODING PROFILE

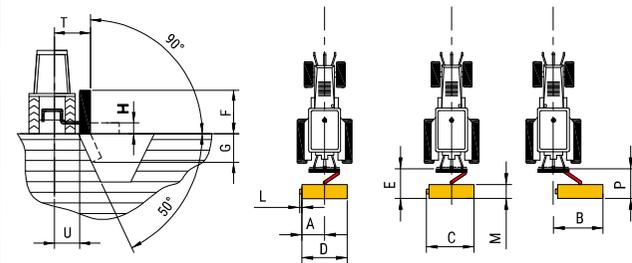
for uniform and rapid discharge of the chopped product, in the professional ranges as standard with 4 tapered roller bearings, mud scraper and interchangeable central body with two positions 1 self-cleaning, it is characterized by an automatic cleaning system of the roller thanks to the very close position to the rotor, 2 rear support

ELECTRONICALLY BALANCED ROTOR

with boron steel forest-type tool holders in professional models



**ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS**



ENERGY	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	S cm	T cm	U cm
105	72	161	113	105	104	113	80	32	8	52	130	47	123	73
130	72	186	140	132	104	140	105	30	8	52	130	47	123	73
155	72	209	163	155	104	163	128	30	8	52	130	47	123	73



DIRECTION OF ROTATION OF P.T.O.

ENERGY

AGRICULTURAL SERIES



20 - 35 HP



STRENGTH POINTS



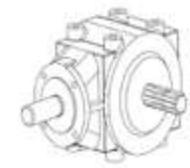
SELF-CLEANING ROLLER



SAFETY AND SELF LEVELLING BREAKWAY COUPLING



COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



FREE-WHEEL IN GEARBOX



SWING BEARINGS DOUBLE BALL SLEWING BEARING

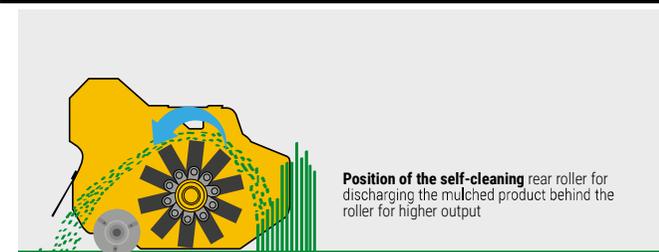
ENERGY

AGRICULTURAL SERIES

ENERGY		105	130	155
TECHNICAL SPECIFICATIONS				
Working width		105 cm	132 cm	155 cm
Machine weight		215 - 250 kg	232 - 265 kg	255 - 290 kg
tools	 Knives Max Ø 1,5 cm	N° 48	N° 64	N° 80
	 Hammers Max Ø 2,5 cm Kg 0,2	N° 24	N° 32	N° 40
rotor Ø		A	90x8 mm	95x10 mm
		B	265 mm	265 mm
N° belts		3	3	3
CAT.		0	I	I
RPM PTO	540	Rotor revolutions / peripheral tool speed 3078 rpm - 42,68 m/sec		3078 rpm - 43,65 m/sec
HP max transmission		30 hp	30 hp	30 hp
Utilization		rear mounted		

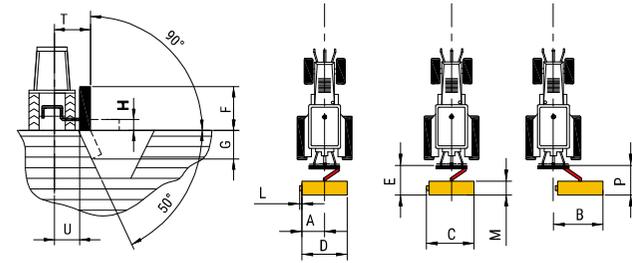
TRACTOR REQUIREMENTS				
Minimum weight		650 kg	700 kg	800 kg
Minimum wheels setting		100 cm	110 cm	130 cm

ENERGY	105	130	155
MACHINE			
Gear box position	internal gearbox on top of hood	internal gearbox on top of hood	internal gearbox on top of hood
Monocoque skin th. 3 mm	✓	✓	✓
Fixed knife	✓	✓	✓
Front protections	✓	✓	✓
Self-cleaning rear roller Ø 102 mm	✓	✓	✓
Reflectors	✓	✓	✓
Side Skids	•	•	•
TRANSMISSION			
Cardan shaft 4 X 1200 1"3/8 Z6+1"3/8 Z6	✓	✓	✓
Free-wheel in gearbox	✓	✓	✓
Swing bearings double column of balls	✓	✓	✓
Supplement for rotor with light hammers - Only factory fitted	•	•	•
SAFETY			
Mechanical safety and self-leveling system with double extra linkage	✓	✓	✓
HYDRAULIC SYSTEM			
Hydraulic swing out	✓	✓	✓
Hydraulic angleing	✓	✓	✓





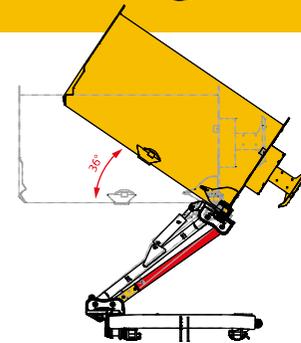
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



PRIMATIST PLUS GS	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	S cm	T cm	U cm
185	80	290	211	182	218	281	173	55	15	107	250	5	179	126
200	80	299	220	201	218	290	182	55	15	107	250	5	179	126
220	80	319	240	221	218	310	202	55	15	107	250	5	179	126
260	80	352	273	254	218	343	235	55	15	107	250	5	179	126



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)

In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed



EXTRA REACH



PRIMATIST PLUS GS
AGRICULTURAL SERIES



70 - 140 HP

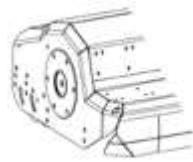
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



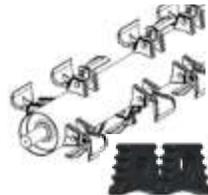
3 YEARS WARRANTY ON CAST IRON COMPONENT



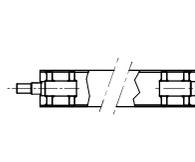
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



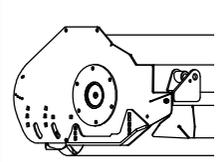
DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



INTERNAL ROTOR BEARINGS The internal positioning of the bearings allows greater durability as it has greater protection from impacts and impurities

PRIMATIST PLUS GS	185	200	220	260
-------------------	-----	-----	-----	-----

TECHNICAL SPECIFICATIONS

Working width		181 cm	201 cm	221 cm	254 cm	
Machine weight		840 - 890 kg	860 - 910 kg	900 - 960 kg	950 - 1010 kg	
tools	Knives <i>Max Ø 3,5 cm</i>	N° 48	N° 48	N° 60	N° 60	
	Hammers <i>Max Ø 5/6 cm Kg1,7</i>	N° 16	N° 16	N° 20	N° 20	
rotor Ø	A	178x10 mm	178x10 mm	194x10 mm	194x10 mm	
	B	441 mm	441 mm	458 mm	458 mm	
N° Belts quad power		4	4	5	5	
CAT.		II	II	II	II	
RPM PTO	540	Rotor revolutions / peripheral tool speed	2300 rpm - 53,1 m/sec	2300 rpm - 53,1 m/sec	2025 rpm - 48,5 m/sec	2025 rpm - 48,5 m/sec
HP max transmission		80 hp	80 hp	110 hp	110 hp	
Utilization		rear mounted				

TRACTOR REQUIREMENTS

Minimum weight	2750 kg	2950 kg	3200 kg	3400 kg
Minimum wheels setting	180 cm	200 cm	220 cm	220 cm

PRIMATIST PLUS GS

MACHINE

	185	200	220	260
Extra side reach, up to 40 cm more off set	✓	✓	✓	✓
Gear box position	internal gearbox on top of hood			
Double skin in hardox	✓	✓	✓	✓
Cast iron pivot points	✓	✓	✓	✓
Double counter knife	✓	✓	✓	✓
Rounded frame with outer side beveled	✓	✓	✓	✓
Main pivot point in cast iron	✓	✓	✓	✓
Front safety flaps th. 6 mm	✓	✓	✓	✓
Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear	✓	✓	✓	✓
Throwing adjustment of the shredded material	✓	✓	✓	✓
Reflectors	✓	✓	✓	✓
Side Skidsin Hardox	•	•	•	•
Catene di protezione	•	•	•	•

TRANSMISSION

Wide angle cardan shaft	✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6	✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6	✓ 8 X 2150 1"3/4 Z6+1"3/8 Z6 TRACTOR SIDE	✓ 8 X 2150 1"3/4 Z6+1"3/8 Z6 TRACTOR SIDE
Tool holders - Forestry type	✓	✓	✓	✓
Ventilator rotor	✓	✓	✓	✓
Double rotor support	✓	✓	✓	✓
Tool screw in steel Ø 20 mm 12.9	✓	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓	✓
Free-wheel in gearbox	✓	✓	✓	✓
Automatic belt tensioner	✓	✓	✓	✓
Gear box 130 HP	-	-	•	•
Supplement for rotor with knife	•	•	•	•

SAFETY

Mechanical safety and self-leveling system with double extra linkage	✓	✓	✓	✓
Oleopneumatic anti-shock device	•	•	•	•

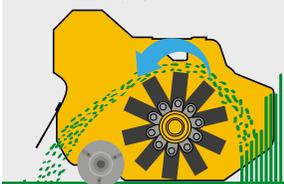
HYDRAULIC SYSTEM

Hydraulic side movement with adjustable ram and double acting anti-creep valve	✓	✓	✓	✓
Hydraulic angleing with safety tap for road transport	✓	✓	✓	✓

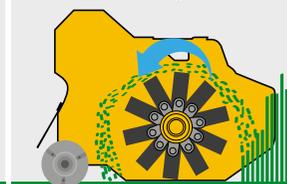
PRIMATIST PLUS GS

AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

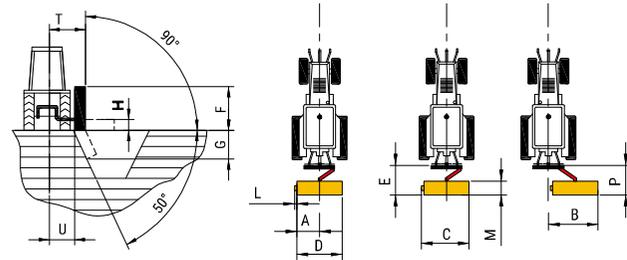


Rear roller position
unloading of mulched product in front of the roller for better shredding





**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



PRIMATIST PLUS GS-OS	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	S cm	T cm	U cm
185	35	337	238	182	218	308	188	55	42	107	250	5	179	126
200	35	346	247	201	218	317	197	55	42	107	250	5	179	126
220	35	366	267	221	218	337	217	55	42	107	250	5	179	126



EXTRA REACH

HARDOX
IN MY BODY



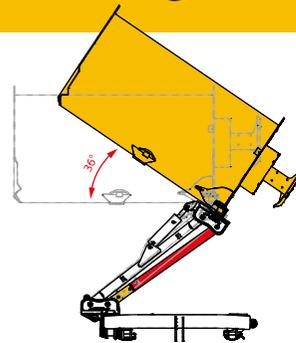
PRIMATIST PLUS GS OFF SET
AGRICULTURAL SERIES



70 - 140 HP



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)
In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

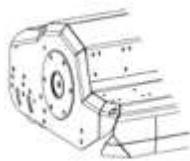
STRENGTH POINTS



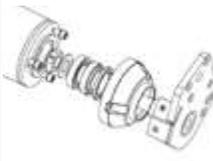
DOUBLE SKIN IN HARDOX



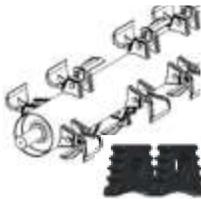
3 YEARS WARRANTY ON CAST IRON COMPONENT



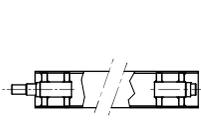
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



EXTERNAL ROTOR SUPPORT IN PRESSED STEEL The external rotor support allows the easy dismantling / replacement of the rotor and / or the bearings

PRIMATIST PLUS GS OFF SET	185	200	220
---------------------------	-----	-----	-----

TECHNICAL SPECIFICATIONS

Working width		181 cm	201 cm	221 cm	
Machine weight		855 - 895 kg	885 - 930 kg	915 - 960 kg	
tools	Knives <i>Max Ø 3,5 cm</i>	N° 48	N° 48	N° 60	
	Hammers <i>Max Ø 5/6 cm Kg 1,7</i>	N° 16	N° 16	N° 20	
rotor Ø	A	178x10 mm	178x10 mm	194x10 mm	
	B	441 mm	441 mm	458 mm	
N° Belts quad power		4	4	5	
CAT.		II	II	II	
RPM PTO	540	Rotor revolutions / peripheral tool speed	2300 rpm - 53,1 m/sec	2300 rpm - 53,1 m/sec	2025 rpm - 48,5 m/sec
HP max transmission		80 _{hp}	80 _{hp}	110 _{hp}	
Utilization		rear mounted			

TRACTOR REQUIREMENTS

Minimum weight	2900 kg	3100 kg	3350 kg
Minimum wheels setting	190 cm	210 cm	220 cm

PRIMATIST PLUS GS OFF SET	185	200	220
---------------------------	-----	-----	-----

MACCHINA

Extra side reach, up to 40 cm more off set	✓	✓	✓
Gear box position	external gearbox on end of hood		
Double skin in hardox	✓	✓	✓
Cast iron pivot points	✓	✓	✓
Double counter knife	✓	✓	✓
Rounded frame with outer side beveled	✓	✓	✓
Main pivot point in cast iron	✓	✓	✓
Front safety flaps th. 6 mm	✓	✓	✓
Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear	✓	✓	✓
Throwing adjustment of the shredded material	✓	✓	✓
Reflectors	✓	✓	✓
Side skids in Hardox	•	•	•
Front chain protections	•	•	•

TRANSMISSION

Wide angle cardan shaft	✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6	✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6	✓ 8 X2150 1"3/4 Z6+1"3/8 Z6 Tractor side
Tool holders - Forestry type	✓	✓	✓
Ventilator rotor	✓	✓	✓
Double rotor support	✓	✓	✓
Tool screw in steel Ø 20 mm 12.9	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓
Free-wheel in gearbox	✓	✓	✓
Automatic belt tensioner	✓	✓	✓
Gear box 130 HP	-	-	•
Supplement for rotor with knife	•	•	•

SAFETY

Mechanical safety and self-leveling system with double extra linkage	✓	✓	✓
Oleopneumatic anti-shock device	•	•	•

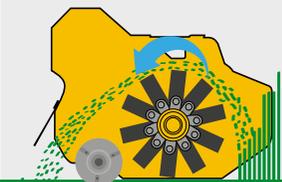
HYDRAULIC SYSTEM

Hydraulic side movement with adjustable ram and double acting anti-creep valve	✓	✓	✓
Hydraulic angleing with safety tap for road transport	✓	✓	✓

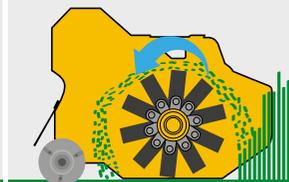
PRIMATIST PLUS GS

OFF SET AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



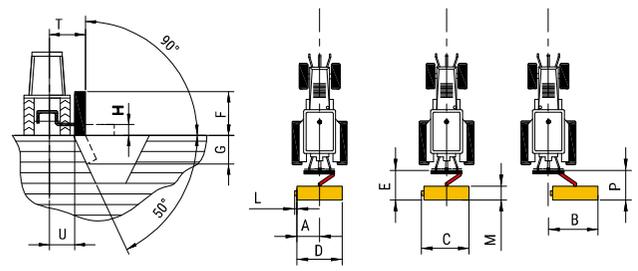
Rear roller position
unloading of mulched product in front of the roller for better shredding



Optional
"Smart safety"



**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



MAGNUM PLUS GS	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	S cm	T cm	U cm
160	93	239	172	155	209	242	134	54	17	105	259	70	168	114
185	93	265	198	181	209	268	160	54	17	105	259	70	168	114
210	93	285	218	201	209	288	180	54	17	105	259	70	168	114
235	93	312	245	228	209	315	207	54	17	105	259	70	168	114
250	93	335	268	251	209	338	230	54	17	105	259	70	168	114



EXTRA REACH

HARDOX
IN MY BODY



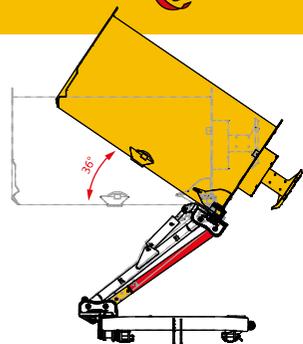
MAGNUM PLUS GS
PROFESSIONAL SERIES



80 - 200 HP



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)
In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

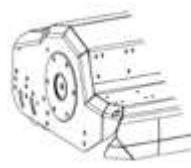
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



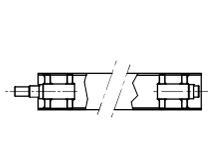
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



EXTERNAL ROTOR SUPPORT IN PRESSED STEEL The external rotor support allows the easy dismantling / replacement of the rotor and / or the bearings

MAGNUM PLUS GS		160	185	210	235	250
----------------	--	-----	-----	-----	-----	-----

TECHNICAL SPECIFICATIONS

Working width		155 cm	181 cm	201 cm	228 cm	251 cm
Machine weight		1050 - 1100 kg	1080 - 1130 kg	1110 - 1160 kg	1150 - 1200 kg	1175 - 1225 kg
tools	Knives Max Ø 3,5 cm	N° 36	N° 48	N° 48	N° 60	N° 60
	Hammers Max Ø 8 cm Kg 2,1	N° 12	N° 16	N° 16	N° 20	N° 20
rotor Ø	A	194x12.5 mm	194x12.5 mm	194x12.5 mm	194x12.5 mm	194x12.5 mm
	B	452 mm	452 mm	452 mm	452 mm	452 mm
N° Belts quad power		4	4	4	5	5
CAT.		II-III	II-III	II-III	II-III	II-III
RPM PTO	540	Rotor revolutions / peripheral tool speed	2250 rpm - 53,2 m/sec			
HP max transmission		100 hp	100 hp	100 hp	110 hp	110 hp
Utilization		rear mounted				

TRACTOR REQUIREMENTS

Minimum weight	3000 kg	3200 kg	3500 kg	3800 kg	4000 kg
Minimum wheels setting	200 cm	220 cm	220 cm	220 cm	220 cm

MAGNUM PLUS GS	160	185	210	235	250
----------------	-----	-----	-----	-----	-----

MACHINE

Extra side reach, up to 40 cm more off set	✓	✓	✓	✓	✓
Gear box position	internal gearbox on top of hood				
Double skin in hardox	✓	✓	✓	✓	✓
Cast iron pivot points	✓	✓	✓	✓	✓
Double counter knife	✓	✓	✓	✓	✓
Rounded frame with outer side beveled	✓	✓	✓	✓	✓
Main pivot point in cast iron	✓	✓	✓	✓	✓
Front safety flaps th. 6 mm	✓	✓	✓	✓	✓
Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear	✓	✓	✓	✓	✓
Throwing adjustment of the shredded material	✓	✓	✓	✓	✓
Reflectors	✓	✓	✓	✓	✓
Side skids in Hardox	•	•	•	•	•
Front chain protections	•	•	•	•	•

TRANSMISSION

Wide angle cardan shaft 8 X 2150 1"3/4 Z6+1"3/8 Z6 Tractor side	✓	✓	✓	✓	✓
Tool holders - Forestry type	✓	✓	✓	✓	✓
Ventilator rotor	✓	✓	✓	✓	✓
Double rotor support	-	-	-	✓	✓
Tool screw in steel Ø 20 mm 12.9	✓	✓	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓	✓	✓
Free-wheel in gearbox	✓	✓	✓	✓	✓
Automatic belt tensioner	✓	✓	✓	✓	✓
Gear box 130 HP	•	•	•	•	•
Supplement for rotor with knife	•	•	•	•	•

SAFETY

Mechanical safety and self-leveling system with double extra linkage	✓	✓	✓	✓	✓
Oleopneumatic anti-shock device	•	•	•	•	•

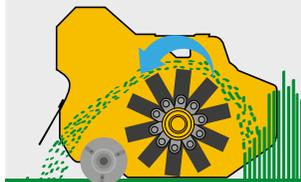
HYDRAULIC SYSTEM

Hydraulic side movement with adjustable ram and double acting anti-creep valve	✓	✓	✓	✓	✓
Hydraulic angleing with safety tap for road transport	✓	✓	✓	✓	✓

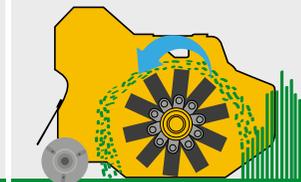
MAGNUM PLUS GS

PROFESSIONAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

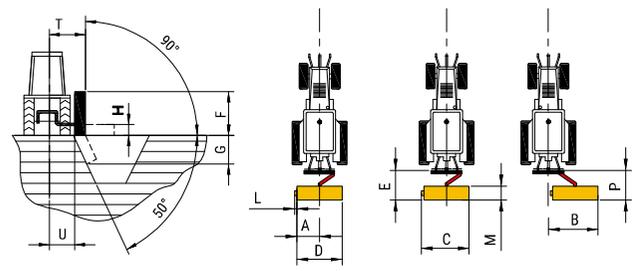


Rear roller position
unloading of mulched product in front of the roller for better shredding





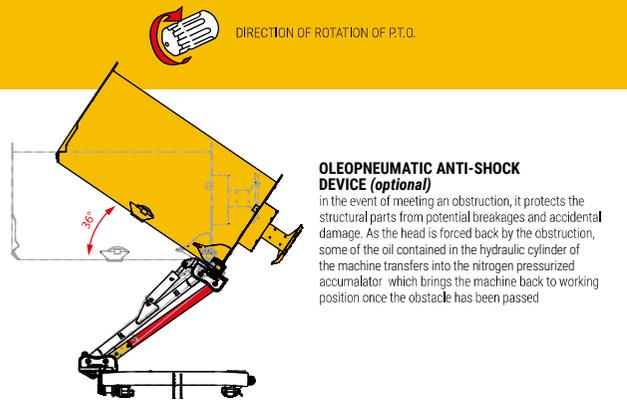
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



MAGNUM PLUS GS OS	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	S cm	T cm	U cm
160	47	286	202	155	209	272	149	54	45	105	259	24	168	114
185	47	312	228	181	209	298	175	54	45	105	259	24	168	114
210	47	332	248	201	209	318	195	54	45	105	259	24	168	114
235	47	359	275	228	209	345	222	54	45	105	259	24	168	114
250	47	382	298	251	209	368	245	54	45	105	259	24	168	114

EXTRA REACH

HARDOX
IN MY BODY



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)
In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

MAGNUM PLUS GS OFF SET
PROFESSIONAL SERIES



80 - 200 HP

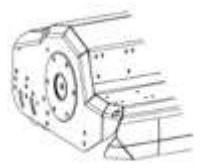
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



EXTERNAL ROTOR SUPPORT IN PRESSED STEEL The external rotor support allows the easy dismantling / replacement of the rotor and / or the bearings

MAGNUM PLUS GS OFF SET	160	185	210	235	250
------------------------	-----	-----	-----	-----	-----

TECHNICAL SPECIFICATIONS

Working width		155 cm	181 cm	201 cm	228 cm	251 cm
Machine weight		1060 - 1110 kg	1090 - 1140 kg	1120 - 1170 kg	1160 - 1210 kg	1185 - 1235 kg
tools	Knives Max Ø 3,5 cm	N° 36	N° 48	N° 48	N° 60	N° 60
	Hammers Max Ø 8 cm - Kg 2,1	N° 12	N° 16	N° 16	N° 20	N° 20
rotor Ø	A	194x12.5 mm	194x12.5 mm	194x12.5 mm	194x12.5 mm	194x12.5 mm
	B	452 mm	452 mm	452 mm	452 mm	452 mm
N° Belts quad power		4	4	4	5	5
CAT.		II-III	II-III	II-III	II-III	II-III
RPM PTO	540	Rotor revolutions / peripheral tool speed	2250 rpm - 53,2 m/sec			
HP max transmission		90 hp	110 hp	110 hp	110 hp	110 hp
Utilization		rear mounted				

TRACTOR REQUIREMENTS

Minimum weight	3000 kg	3200 kg	3500 kg	3900 kg	4100 kg
Minimum wheels setting	200 cm	220 cm	220 cm	220 cm	220 cm

MAGNUM PLUS GS OFF SET	160	185	210	235	250
------------------------	-----	-----	-----	-----	-----

MACHINE

Extra side reach, up to 40 cm more off set	✓	✓	✓	✓	✓	
Gear box position		external gearbox on end of hood				
Double skin in hardox	✓	✓	✓	✓	✓	
Cast iron pivot points	✓	✓	✓	✓	✓	
Double counter knife	✓	✓	✓	✓	✓	
Rounded frame with outer side beveled	✓	✓	✓	✓	✓	
Main pivot point in cast iron	✓	✓	✓	✓	✓	
Front safety flaps th. 6 mm	✓	✓	✓	✓	✓	
Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear	✓	✓	✓	✓	✓	
Throwing adjustment of the shredded material	✓	✓	✓	✓	✓	
Catarifrangenti	✓	✓	✓	✓	✓	
Side skids in Hardox	•	•	•	•	•	
Front chain protections	•	•	•	•	•	

TRANSMISSION

Wide angle cardan shaft 8 X 2150 1"3/4 Z6+1"3/8 Z6 Tractor side	✓	✓	✓	✓	✓
Tool holders - Forestry type	✓	✓	✓	✓	✓
Ventilator rotor	✓	✓	✓	✓	✓
Double rotor support	-	-	-	✓	✓
Tool screw in steel Ø 20 mm 12.9	✓	✓	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓	✓	✓
Free-wheel in gearbox	✓	✓	✓	✓	✓
Automatic belt tensioner	✓	✓	✓	✓	✓
Gear box 130 HP	•	•	•	•	•
Supplemento montaggio coltelli	•	•	•	•	•

SAFETY

Mechanical safety and self-leveling system with double extra linkage	✓	✓	✓	✓	✓
Oleopneumatic anti-shock device	•	•	•	•	•

HYDRAULIC SYSTEM

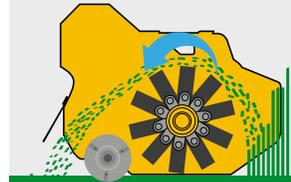
Hydraulic side movement with adjustable ram and double acting anti-creep valve	✓	✓	✓	✓	✓
Hydraulic angling with safety tap for road transport	✓	✓	✓	✓	✓

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

MAGNUM PLUS GS

OFF SET PROFESSIONAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



Rear roller position
unloading of mulched product in front of the roller for better shredding



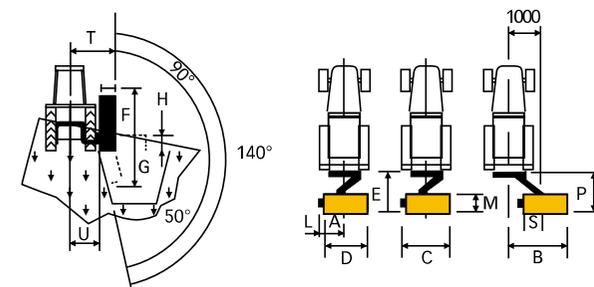
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



EXTRA
REACH



HARDOX
IN MY BODY



PREDATOR	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	S cm	T cm	U cm
4-20	107	402	218	200	196	240	160	55	18	104	196	-	270	215
4.5-2.5	107	482	268	250	196	290	195	55	18	104	196	-	270	215
5-30	107	502	318	300	196	340	233	55	18	104	196	-	270	215



DIRECTION OF ROTATION OF P.T.O.

PREDATOR

PROFESSIONAL SERIES



100 - 180 HP

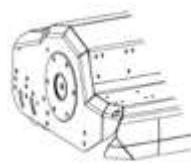
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY
ON CAST IRON COMPONENT



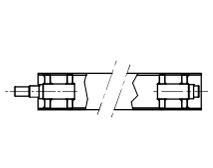
ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



PROFESSIONAL REAR ROLLER
Ø 195 mm with 4 taper roller bearings,
mud scraper and central interchangeable
body, with 2 positions: 1) self-cleaning
2) rear



"VENTILATOR" ROTOR
electronically balanced. Forestry tool
holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE
Increased rows of counter knives hold the
material in for more complete shredding



AUTOMATIC BELTS TENSIONER
The automatic tensioning system as well
as allowing constant power transmission
reduces belts wear.



EXTERNAL ROTOR SUPPORT
IN PRESSED STEEL
The external rotor support allows the easy
dismantling / replacement of the rotor and
/ or the bearings

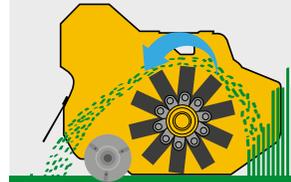
PREDATOR		4-20	4.5-25	5-30	
TECHNICAL SPECIFICATIONS					
Working width		200 cm	250 cm	300 cm	
Machine weight		2150 kg	2350 kg	2550 kg	
Tools	Knives Max Ø 3,5 cm	N° 48	N° 60	N° 96	
	Hammers Max Ø 8 cm Kg 2,1	N° 16	N° 20	N° 32	
Rotor Ø	A	194x10 mm	194x10 mm	219x10 mm	
	B	454 mm	454 mm	480 mm	
N° Belts Kevlar		1	1	1	
CAT.		II-III	II-III	II-III	
RPM PTO	1000	Rotor revolutions / peripheral tool speed	2050 rpm - 48,71 m/sec	2050 rpm - 48,71 m/sec	1800 rpm - 45,24 m/sec
HP max transmission		290 hp	290 hp	290 hp	
Utilization		rear mounted			
TRACTOR REQUIREMENTS					
Minimum weight		2500 kg	3000 kg	4200 kg	
Minimum wheels setting		200 cm	200 cm	220 cm	

PREDATOR	4-20	4.5-25	5-30
MACHINE			
Extra side reach, up to 40 cm more off set	✓	✓	✓
Gear box position	internal gearbox on top of hood	internal gearbox on top of hood	internal gearbox on top of hood
Monocoque skin in Hardox (th. 6 mm)	✓	✓	✓
Rounded frame with outer side beveled	✓	✓	✓
Double counter knife	✓	✓	✓
Front safety flaps th. 6 mm	✓	✓	✓
Stabilizer roller Ø 245 mm, hydraulic adjustable, with 4 taper roller bearings, mud scraper and central interchangeable body	✓	✓	✓
Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear	✓	✓	✓
Throwing adjustment of the shredded material	✓	✓	✓
Reflectors	✓	✓	✓
Side skids in Hardox	•	•	•
Front chain protections	•	•	•
TRANSMISSION			
Tool holders - Forestry type	✓	✓	✓
Ventilator rotor	✓	✓	-
8-row rotor	-	-	✓
Tool screw in steel Ø 20 mm 12.9	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓
Rotor transmission with Kevlar toothed belt	✓	✓	✓
Rotor transmission with 150 HP Rexroth piston pump and cast iron gearbox	✓	✓	✓
Fix mounted frame RAPID LINK	•	•	•
Cardan hexalobe 9 X 1200 1"3/8 Z6+1"3/8 Z6	•	•	•
HYDRAULIC SYSTEM			
Hydraulic side movement with double extension	✓	✓	✓
Hydraulic angling with safety tap for road transport	✓	✓	✓
Boom movements: by means of quick hydraulic couplings to the tractor (minimum flow required 40 lt / min; minimum 4 hydraulics couplings	✓	✓	✓
Electro-proportional with 4 compensated movements adjustable by the operator with graphic display FAST-TRONIC	•	•	•

PREDATOR

PROFESSIONAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



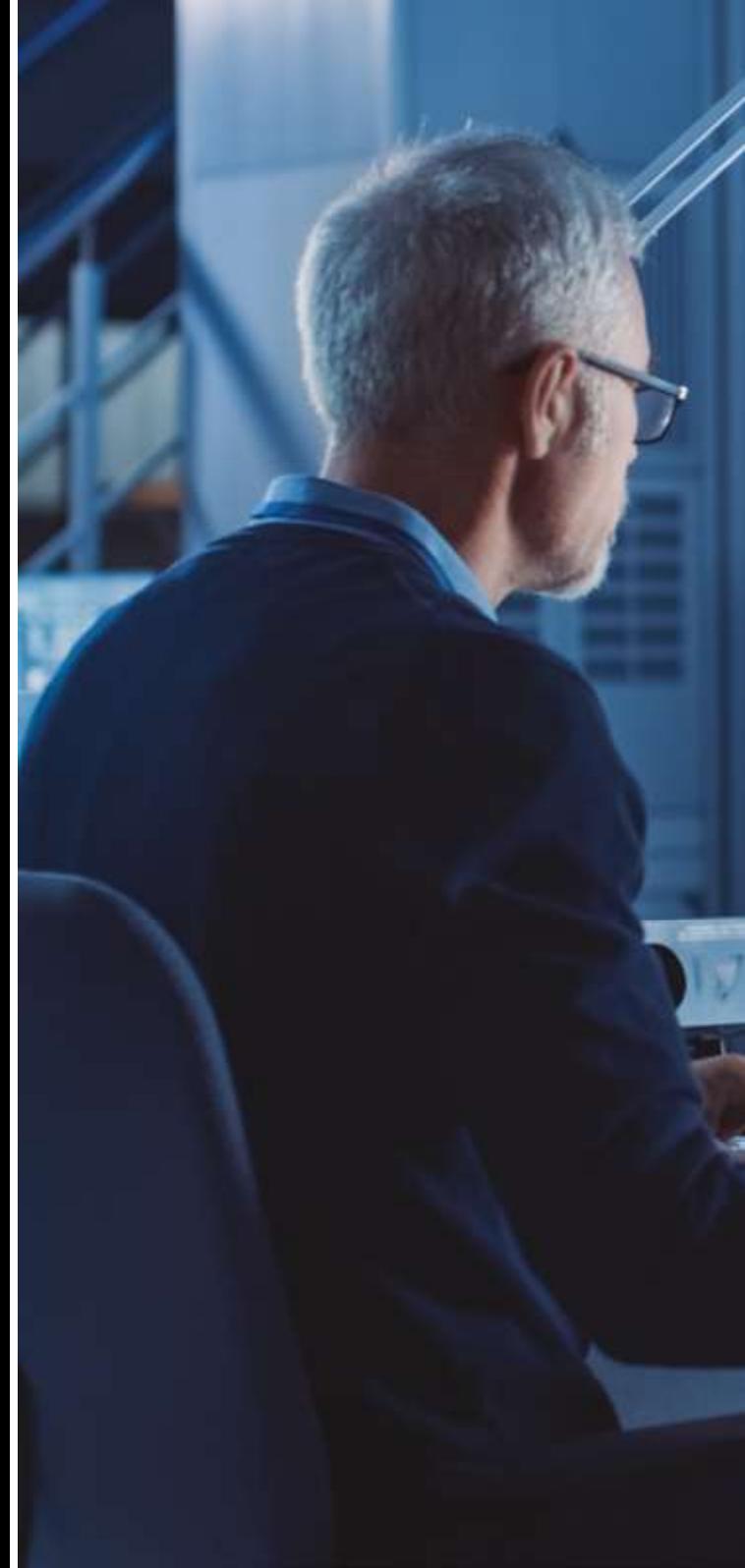
Rear roller position
unloading of mulched product in front of the roller for better shredding

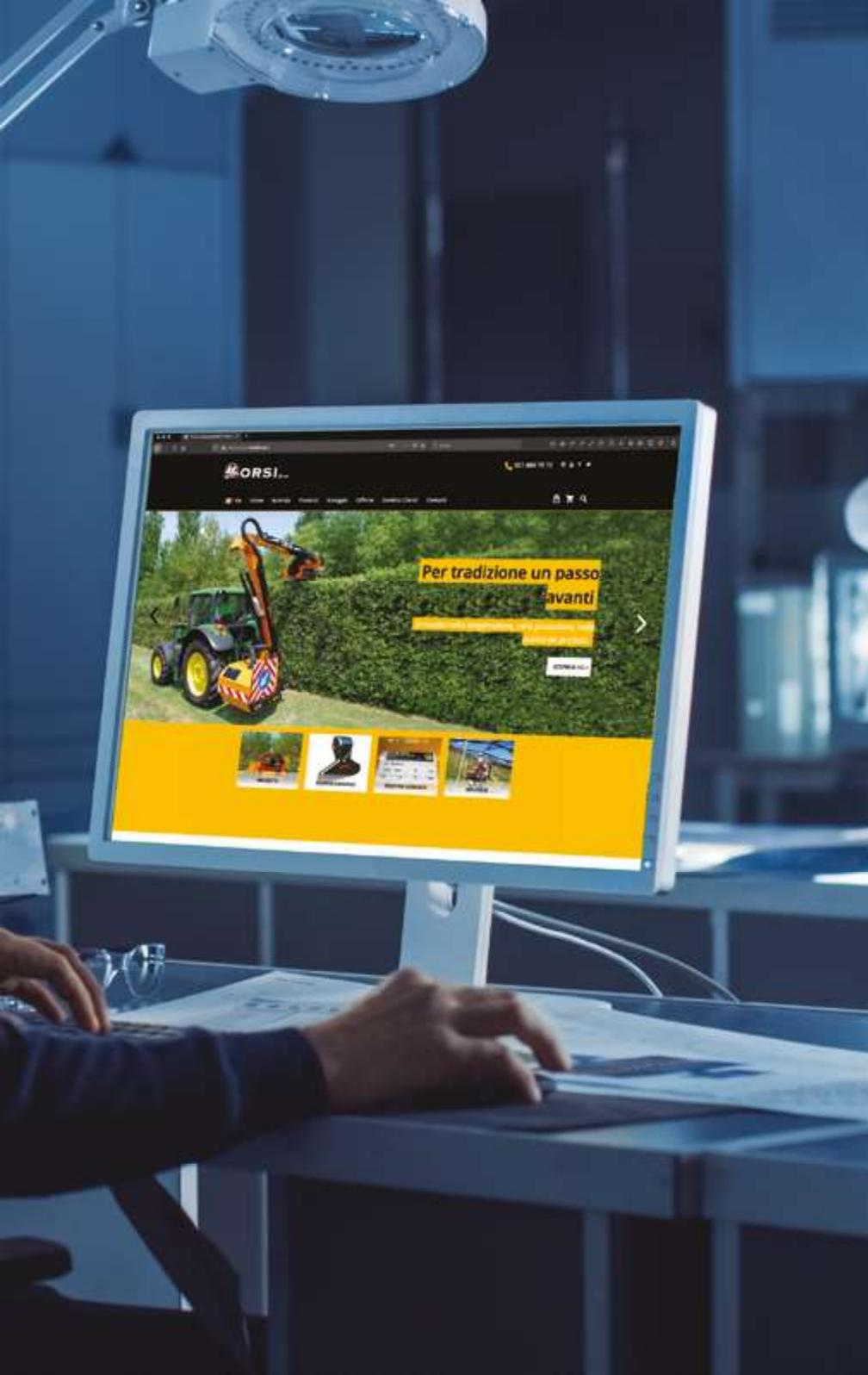


WHY ORSI?

ORSI offers a wide range of products, technical support, and with a dealer structure located all over the world, highly specialized and technically trained at the Factory. Choosing an ORSI machine means buying a Made in Italy quality product supported by qualified after-sales service. When you need spare parts or technical support, ORSI will always be by your side supporting you throughout the life of your machine. A professional farmer always tries to get one of our products, because choosing the best means choosing ORSI.

- Over 40 years of history, made up of experience in shredding and rewarded with recognized success by end users and professionals around the world.
- The ability to customize machines in order to satisfy individual needs and peculiarities from the different territories.
- A team of professionals at your service with technical support available to our dealers to quickly solve any problems.
- Custom tests for each machine before being delivered to the customer.
- A stock of original spare parts always available at dealers place, or at our warehouse in Italy that can be delivered with the best domestic or international couriers.
- The ability to consult all products online thanks to the website always updated with all the information necessary for the prospective purchaser or for if you need after-sales support.





FORESTRY MULCHER

A wide range of forestry mulchers suitable for many uses such as shredding large wood, twigs, shrubs, and particularly suitable also for agricultural use, for example for mulching prunings in orchards. A wide range for tractors from 70 up to 300 hp, with different types of rotor, with fixed or retractable teeth enabling them to handle different processing needs.



FLAIL MULCHERS

ORSI, with a range of Mulchers suitable for the all the different types of work, from dedicated gardening machines to professional machines intended for work after pruning.

Suitable for tractors from 20 up to 170 hp, with different types of rotors, and accessories to satisfy all the different processing needs.

FOR INFORMATION ON ORSI MODELS VISIT OUR WEBSITE WWW.ORSIGROUP.IT

HEDGE CUTTERS

ORSI world leader recognized for its great experience in this area offers a wide range necessary for different types of work, a range especially dedicated to agriculture and a professional range for contractors or specialized road side maintenance where machines with high hourly performance and reliability are demanded.



FORK LIFT

Since 2002, Orsi has been producing its own Fork Lifts for loading and transporting the harvest of all types of fruit. Machines with vertical lifts in duplex or triplex versions and with different load capacities depending on the requirements, models for all types of tractor, from small to high Hp.