



44° 41' 13" N
11° 20' 17" E

**FOR TRADITION
ONE STEP AHEAD**

BLADE MOWER | FLAIL 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.



**FRONTAL
THE FUTURE**

CONSTANT EVOLUTION

1982



Mediante un sistema autolivellante, con inclinazione di un massimo automaticamente al terreno e regolazione un'eccentricità di oltre 10° per un'accurata pulizia di fieno e erba.

La nostra trinciatrice di precisione opera su un terreno che, all'interno della carreggiata del trattore, per la pulizia di fienili, argenti e cinghi di aratro.

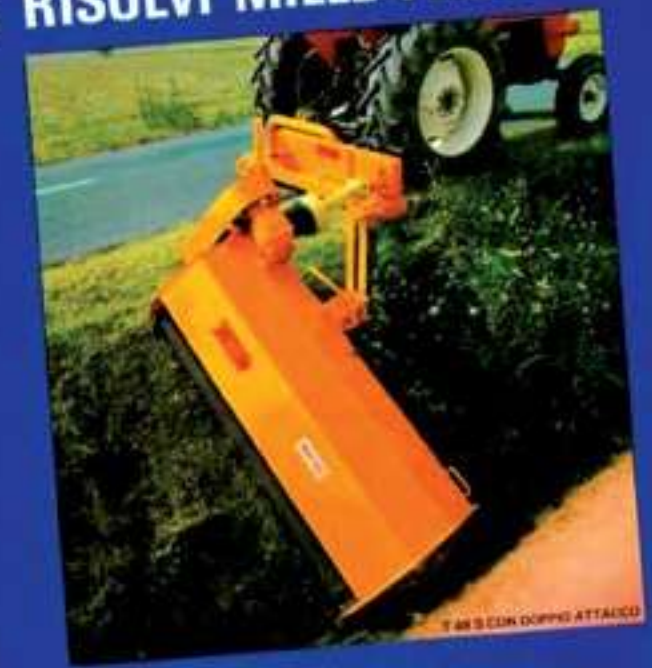
ORSI
L'esperienza al vostro servizio

CARATTERISTICHE GENERALI

Modello	Lunghezza di taglio cm	Portata max teorica m³/h	Potenza max richiesta CV	Stabilità laterale cm	Vel. max di marcia km/h	Velocità max giri/min	Produttività di taglio m³/h	Peso kg
T 32 S	100	25	30	30	5,40	2400	140-180	200
T 38 S	110	30	35	35	5,40	2500	160-200	220
T 42 S	120	35	40	40	5,40	2600	180-220	240
T 48 S	130	40	45	45	5,40	2700	200-240	260
T 52 S	135	45	50	50	5,40	2800	220-260	280

ORSI ANDREA
AZIENDA MASCIARINO DI CASTELLO D'ARZOGNE
BOLOGNA ITALY
Via Bolognese, 16 - Tel. 051/974767 - 975401
Telex 5106182 OSVI 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



CERTIFICATIONS



Chiedi il tuo certificato di
certificazione ISO 9001:2015
a: certificazioni@kiwa.it
o al numero verde 800 20 20 20

CERMET



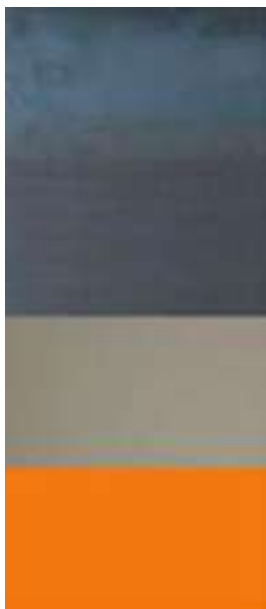
800 20 20 20



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



RAW SHEET

GRITTED SHEET

SHEET COVERED WITH
POLYURETHANE ENAMEL

SURFACE COVERED WITH
ORANGE RAL 2011

ANTICORROSIVE LIQUID TREATMENT FOR MECHANICAL AND HYDRAULIC COMPONENTS

HIGH STRENGHT 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.**



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

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:

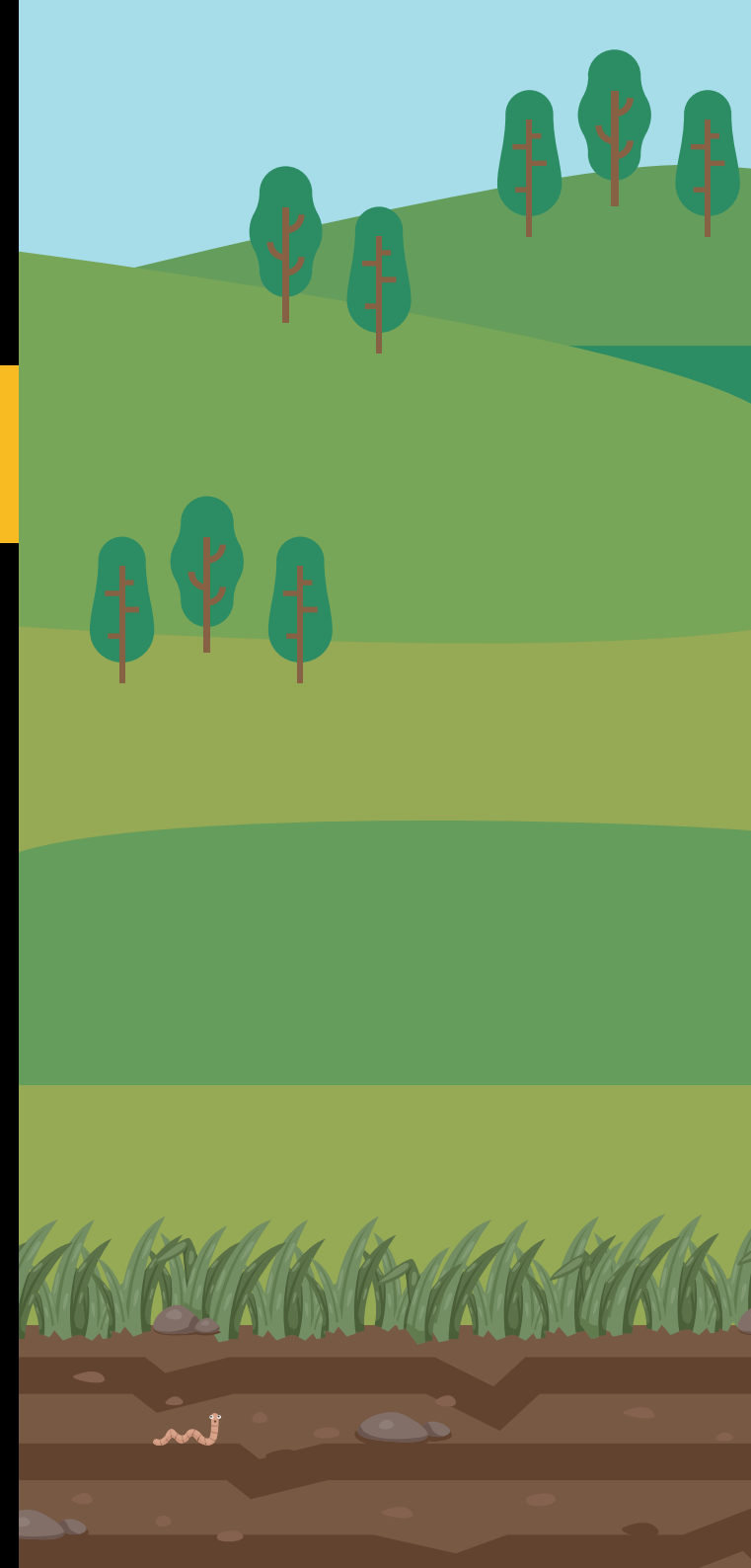
- it reduces the loss of water due to evaporation.
- the surface layers stabilize and prevent their erosion.
- an improvement in soil fertility.
- the phenomenon of runoff in land is reduced, it is very suitable in the hills or in mountain.

For best results you can choose between different machines, depending on the type and size of by-product to be processed.

The mulchers can be used all year round depending on the type of processing that is required to be done.

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.







FLAIL MUCHERS



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

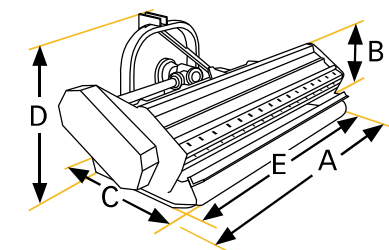
Strenx® steel has extremely consistent properties, ensuring precision and efficiency in the workshop.

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.





GRASS, SMALL BUSHES, LEAVES, MEADOWS,
PARKS, GARDENS, SPORTS FIELDS



GARDEN	A cm	B cm	C cm	D cm	E cm
105	120	30	61	85	108
130	144	30	61	85	132
150	166	30	61	85	155



GARDEN

GARDENING SERIES



18 - 35 HP

STRENGTH POINTS



SELF-CLEANING ROLLER



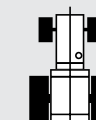
COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



FREE WHEEL IN THE GEAR BOX



SWING BEARINGS DOUBLE BALL
SLEWING BEARING



GARDEN 105



GARDEN 130



GARDEN 150






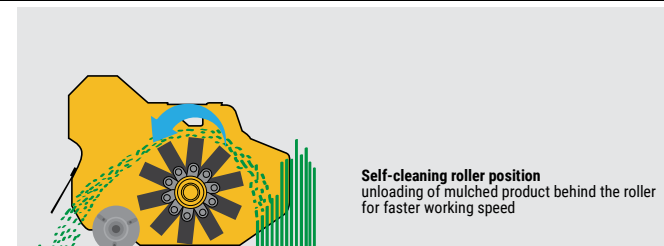
DIRECTION OF ROTATION OF P.T.O.

TO BE SPECIFIED AT TIME OF ORDER THE APPLICATION OF THE MACHINE IF
FRONTAL OR REVERSIBLE DRIVE AND IF THE ROTATION DIRECTION OF
TRACTOR'S PTO IS DIFFERENT.

GARDEN

GARDENING SERIES

GARDEN			105	130	150	
TECHNICAL SPECIFICATIONS						
Working width			105 cm	132 cm	155 cm	
Machine weight			180 - 200 kg	200 - 220 kg	220 - 240 kg	
tools		knives standard max Ø 1,5 cm	N° 48	N° 64	N° 80	
		hammers optional max Ø 2,5 cm - Kg 0,2	N° 24	N° 32	N° 40	
rotor Ø			A	89 x 8 mm	89 x 8 mm	95 x 10 mm
			B	265 mm	265 mm	271 mm
N° belts			2	3	3	
CAT.			I	I	I	
RPM PTO standard	540	Rotor revolutions / peripheral tool speed	2975 rpm - 41,27 m/sec	2975 rpm - 41,27 m/sec	2975 rpm - 41,27 m/sec	
HP max trasmission			35 hp	35 hp	35 hp	
Utilization			Rear mounted			

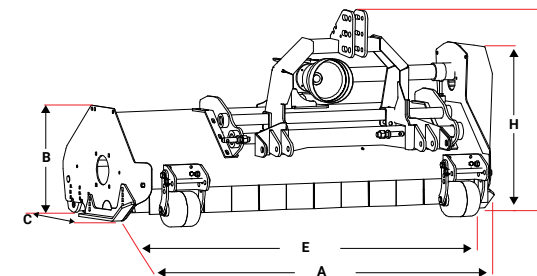


GARDEN		105	130	150
MACHINE				
Monocoque frame th. 3 mm		✓	✓	✓
One bar of counter - knife for fine shredding		✓	✓	✓
Front protections		✓	✓	✓
Self-cleaning rear roller Ø 102 mm		✓	✓	✓
Reflectors		✓	✓	✓
Side Skids		✓	✓	✓
3 POINT HITCH				
Fixed 3 point hitch		✓	✓	✓
TRANSMISSION				
Free wheel in the gear box		✓	✓	✓
Swing bearings double coloumn of balls		✓	✓	✓
Cardan shaft		✓	✓	✓
Hammer set supplied separately		•	•	•





GRASS, SMALL BUSHES, PRUNINGS
SMALL WOOD, BRAMBLES, FIBROUS PLANTS,
BRUSHWOOD, PARKS, GARDENS, SPORTS FIELDS



EVO PLUS	A cm	B cm	C cm	D cm	E cm	H cm
135	150	53	102	99	135	78
165	177	53	102	99	162	78
180	197	53	102	99	182	78
200	216	53	102	99	201	78
220	236	54	102	100	221	79
255	268	54	102	100	253	79



EVO PLUS

AGRICULTURAL SERIES



40 - 85 HP

STRENGTH POINTS



ROUNDED FRAME
WITH OUTER SIDE BEVELED



SELF-CLEANING ROLLER



PROFESSIONAL REAR ROLLER
Ø 140 mm with 4 taper roller
bearings, mud scraper and central
body interchangeable with 2
positions: 1) self-cleaning 2) rear
(Standard)



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

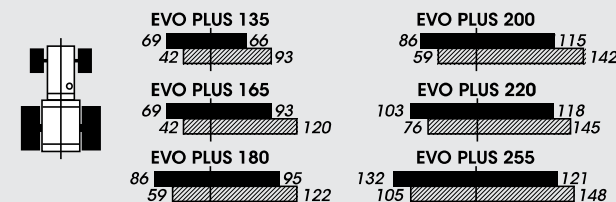


FREE WHEEL IN THE GEAR BOX



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



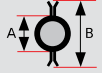
HYDRAULIC SIDE SHIFT



DIRECTION OF ROTATION OF P.T.O.

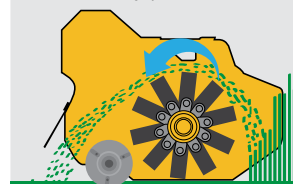
EVO PLUS

AGRICULTURAL SERIES

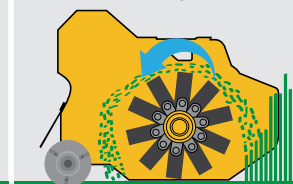
EVO PLUS				135	165	180	200	220	255
TECHNICAL SPECIFICATIONS									
Working width				135 cm	162 cm	181 cm	201 cm	221 cm	253 cm
Machine weight				430 - 480 kg	460 - 510 kg	480 - 550 kg	500 - 570 kg	520 - 595 kg	545 - 630 kg
tools		Knives max Ø 3 cm		N° 36	N° 36	N° 48	N° 48	N° 48	N° 60
		Hammers max Ø 4 cm Kg 1,35		N° 12	N° 12	N° 16	N° 16	N° 16	N° 20
rotor Ø			A	159 x 10 mm	159 x 10 mm	159 x 10 mm	159 x 10 mm	178 x 10 mm	178 x 10 mm
			B	423 mm	423 mm	423 mm	423 mm	442 mm	442 mm
N° belts				4	4	4	4	5	5
CAT.				I-II	I-II	I-II	I-II	I-II	I-II
RPM PTO standard		540	Rotor revolutions/ peripheral tool speed	2240 rpm 49,61 m/ sec	2240 rpm 49,61 m/ sec	2240 rpm 49,61 m/ sec	2240 rpm 49,61 m/ sec	2052 rpm 47,57 m/ sec	2052 rpm 47,57 m/ sec
HP max transmission				50 hp	50 hp	50 hp	70 hp	70 hp	70 hp
Utilization				Rear mounted					

EVO PLUS			135	165	180	200	220	255
MACHINE								
Frame with outer side beveled			✓	✓	✓	✓	✓	✓
Rear roller Ø 140 mm with 4 taper roller bearings, mud scraper with 2 positions: 1) selfcleaning 2) rear			✓	✓	✓	✓	✓	✓
Toothed static knife			✓	✓	✓	✓	✓	✓
Front protection flaps			✓	✓	✓	✓	✓	✓
Reflectors			✓	✓	✓	✓	✓	✓
Front wheels			•	•	•	•	•	•
Professional rear roller Ø 140 mm with 4 taper roller bearings, mud scraper and central body interchangeable with 2 positions: 1) self-cleaning 2) rear			•	•	•	•	•	•
			•	•	•	•	•	•
Rakes			•	•	•	•	•	•
Protection chains			•	•	•	•	•	•
Side Skids			•	•	•	•	•	•
3 POINT HITCH								
Fixed 3 point hitch			✓	✓	✓	✓	✓	✓
Mechanical side shift movement CAT. I-II			•	•	•	•	•	•
Mechanical side shift movement reinforced CAT. I-II			•	•	•	•	•	•
Hydraulic side shift CAT. I-II			•	•	•	•	•	•
Hydraulic side shift reinforced CAT. I-II			•	•	•	•	•	•
TRANSMISSION								
Free wheel in the gear box			✓	✓	✓	✓	✓	✓
Swing bearings double column of balls			✓	✓	✓	✓	✓	✓
"Ventilator" Rotor			✓	✓	✓	✓	✓	✓
Tool holders - Forestry type			✓	✓	✓	✓	✓	✓
Tool screw in steel Ø 20 mm 12.9			✓	✓	✓	✓	✓	✓
Cardan shaft			•	•	•	•	•	•
Supplement for rotor with knives			•	•	•	•	•	•
ACCESSORIES FOR BETWEEN ROWS/ORCHARDS/TREES								
FLAIL-D see page 64			•	•	•	•	•	•

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



Reinforced linkage (optional)



TWICE

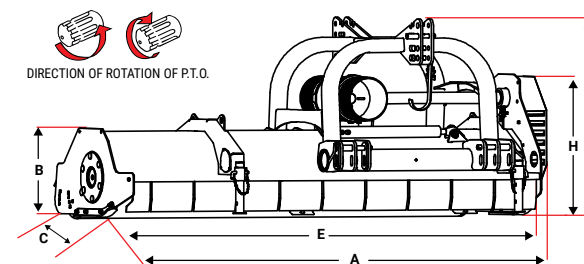
AGRICULTURAL SERIES



50 - 115 HP



GRASS, SMALL BUSHES, LEAVES,
PRUNINGS, BRAMBLES, SMALL WOOD,
FIBROUS PLANTS, BRUSHWOOD, MEADOWS,
GARDENS, PARKS, SPORTS FIELDS



TWICE	A cm	B cm	C cm	D cm	E cm	H cm
135	150	48	96	90	135	80
165	177	48	96	90	162	80
180	196	48	96	90	181	80
200	216	48	96	90	201	80
220	236	48	96	90	221	81
255	268	48	96	90	253	81

HYDRAULIC SIDE SHIFT



STANDARD

TWICE 135



TWICE 165



TWICE 180



TWICE 200



TWICE 220



TWICE 255



OPTIONAL CENTRAL GEAR BOX

TWICE 165



TWICE 180



TWICE 200



TWICE 220



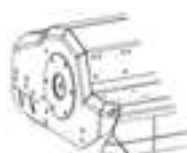
TWICE 255



STRENGTH POINTS



DOUBLE HARDOX SKIN



FRAME WITH OUTER SIDE BEVELED



AUTOMATIC BELTS TENSIONERS



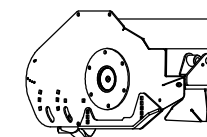
ROTORE CON DOPPIA FLANGIA
(220-250)



PROFESSIONAL REAR ROLLER
Ø 140 mm with 4 taper roller
bearings, mud scraper and central
body interchangeable with 2
positions: 1) self-cleaning 2) rear





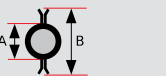
ROTOR "VENTILATOR"
electronically balanced. Forest type
tool holders moulded in boron steel



INTERNAL ROTOR BEARINGS



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

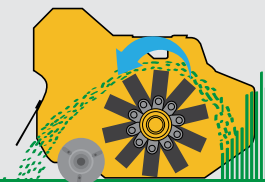
TWICE			135	165	180	200	220	255	
TECHNICAL SPECIFICATIONS									
Working width			135 <small>cm</small>	162 <small>cm</small>	181 <small>cm</small>	210 <small>cm</small>	221 <small>cm</small>	253 <small>cm</small>	
Machine weight			460 - 570 <small>kg</small>	500 - 610 <small>kg</small>	520 - 660 <small>kg</small>	540 - 690 <small>kg</small>	585 - 730 <small>kg</small>	610 - 760 <small>kg</small>	
tools		Knives <i>max Ø 3 cm</i>	N° 36	N° 36	N° 48	N° 48	N° 60	N° 60	
		Hammers <i>max Ø 4/5 cm - Kg 1,35</i>	N° 12	N° 12	N° 16	N° 16	N° 20	N° 20	
rotor Ø			A	159 x 10 mm	159 x 10 mm	159 x 10 mm	159 x 10 mm	178 x 10 mm	178 x 10 mm
			B	423 mm	423 mm	423 mm	423 mm	442 mm	442 mm
N° belts quad power			4	4	4	4	4	4	
CAT.			I-II	I-II	I-II	I-II	I-II	I-II	
RPM PTO optional	540	Rotor revolutions / peripheral tool speed	2300 rpm 50,94 m/sec	2300 rpm 50,94 m/sec	2300 rpm 50,94 m/sec	2300 rpm 50,94 m/sec	2050 rpm 47,44 m/sec	2050 rpm 47,44 m/sec	
HP max transmission			40 <small>hp</small>	80 <small>hp</small>	80 <small>hp</small>	80 <small>hp</small>	80 <small>hp</small>	80 <small>hp</small>	
RPM PTO standard	1000	Rotor revolutions / peripheral tool speed	2300 rpm/ 50,94 m/sec	2300 rpm/ 50,94 m/sec	2300 rpm/ 50,94 m/sec	2300 rpm/ 50,94 m/sec	2050 rpm 47,44 m/sec	2050 rpm 47,44 m/sec	
HP max transmission			55 <small>hp</small>	110 <small>hp</small>	110 <small>hp</small>	110 <small>hp</small>	110 <small>hp</small>	110 <small>hp</small>	
Utilization			Rear mounted / Rear pushed (* reverse drive) / Front pushed						

TWICE		135	165	180	200	220	255
MACHINE							
Rounded frame with rounding on the outside		✓	✓	✓	✓	✓	✓
Professional rear roller Ø 140 mm with 4 taper roller bearings, mud scraper and central		✓	✓	✓	✓	✓	✓
Body interchangeable with 2 positions: 1) self-cleaning 2) rear		✓	✓	✓	✓	✓	✓
Triple static knife		✓	✓	✓	✓	✓	✓
Double Hardox steel frame		✓	✓	✓	✓	✓	✓
Front protection flaps sp. 6 mm		✓	✓	✓	✓	✓	✓
Front wheels		•	•	•	•	•	•
Rakes		•	•	•	•	•	•
3 point hitch lowering kit		•	•	•	•	•	•
Protection chains		•	•	•	•	•	•
Side Skids in Hardox		•	•	•	•	•	•
3 POINT HITCH							
Mechanical side shift movement with chromed steel rod		✓	✓	✓	✓	✓	✓
Hydraulic side shift movement with chromed steel rod (+10 kg)		•	•	•	•	•	•
TRANSMISSION							
Gearbox with double free - wheel		✓	✓	✓	✓	✓	✓
Oscillating bearings with double column of balls		✓	✓	✓	✓	✓	✓
"Ventilator" Rotor		✓	✓	✓	✓	✓	✓
Tool holders - Forestry type		✓	✓	✓	✓	✓	✓
Option for central gearbox		-	✓	✓	✓	✓	✓
Tool screw in steel Ø 20 mm 12.9		✓	✓	✓	✓	✓	✓
Double flange in the rotor		-	-	-	-	✓	✓
Automatic belts tensioner		✓	✓	✓	✓	✓	✓
PTO 540 RPM		•	•	•	•	•	•
Cardan shaft		•	•	•	•	•	•
Supplement for rotor with knives		•	•	•	•	•	•
Central gearbox		-	•	•	•	•	•

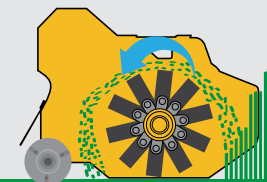
TWICE

AGRICULTURAL SERIES

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

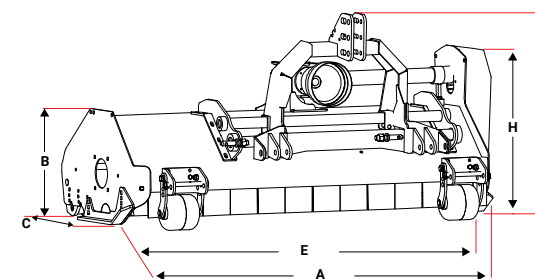


Rear roller position
unloading of mulched product in front of the roller for better shredding



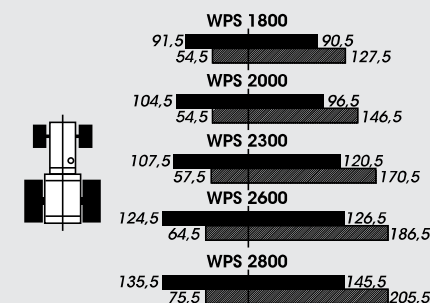


GRASS, SPORT FIELDS, SMALL BUSHES, WOOD UP TO 8 CM, GRASS MAINTENANCE, BRAMBLES, FIBROUS PLANTS, STRAW, COTTON, POTATOES, CORN, ARTICHOKE, WIDE GREEN AREAS SET-ASIDE, PASTURES



WPS	A cm	B cm	C cm	D cm	E cm	H cm
1800	203	53	113	110	182	82
2000	222	53	113	110	201	82
2300	249	53	113	110	228	82
2600	272	53	113	110	251	82
2800	297	53	113	110	281	82

HYDRAULIC SIDE SHIFT



DIRECTION OF ROTATION OF P.T.O.

WPS

PROFESSIONAL SERIES



65 - 110 HP



STRENGTH POINTS



DOUBLE HARDOX SKIN (Optional)



AUTOMATIC BELTS TENSIONERS



FREE WHEEL IN THE GEAR BOX



DOUBLE FLANGE IN THE ROTOR
(2300-2600-2800)



PROFESSIONAL REAR ROLLER
Ø 195 mm (Optional)



ROTORE "VENTILATOR"
equilibrato elettronicamente. Supporti
utensili di tipo forestale stampati in
acciaio al boro



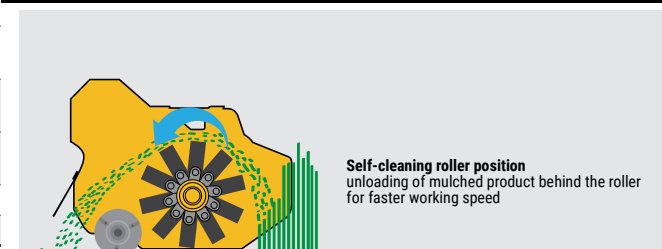
EXTERNAL ROTOR SUPPORT IN
PRESSED STEEL
The external rotor support allows the
easy dismantling / replacement of the
bearings and dust seals



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

WPS			1800	2000	2300	2600	2800	
TECHNICAL SPECIFICATIONS								
Working width			182 _{cm}	201 _{cm}	228 _{cm}	251 _{cm}	281 _{cm}	
Machine weight			670 - 820 _{kg}	730 - 880 _{kg}	825 - 965 _{kg}	870 - 1030 _{kg}	975 - 1140 _{kg}	
tools		Knives max Ø 4cm	N° 48	N° 48	N° 60	N° 60	N° 96	
		Hammers max Ø 8 cm - Kg 2,1	N° 16	N° 16	N° 20	N° 20	N° 32	
rotor Ø			A	194 x 10 mm	194 x 10 mm	194 x 10 mm	194 x 10 mm	219x10 mm
			B	457,7 mm	457,7 mm	457,7 mm	457,7 mm	483 mm
N° belts			4	4	4	5	5	
CAT.			II	II	II	II	II	
RPM PTO standard	540	Rotor revolutions / peripheral tool speed	2130 rpm/ 51,02 m/ sec	2130 rpm/ 51,02 m/ sec	2130 rpm/ 51,02 m/ sec	2130 rpm/ 51,02 m/ sec	2025 rpm/ 49,13 m/ sec	
HP max transmission			100 _{hp}	100 _{hp}	100 _{hp}	100 _{hp}	110 _{hp}	
Utilization			Rear mounted					

WPS
PROFESSIONAL SERIES

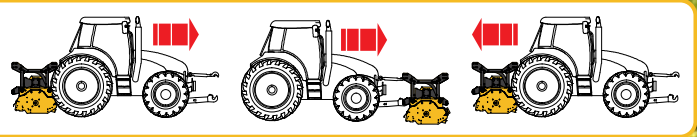


WPS		1800	2000	2300	2600	2800
MACHINE						
Monocoque frame th. 6mm		✓	✓	✓	✓	✓
Rear roller Ø 194 mm with roller bearings, mud scraper		✓	✓	✓	✓	✓
Toothed static knife		✓	✓	✓	✓	✓
Front protection flaps		✓	✓	✓	✓	✓
Reflectors		✓	✓	✓	✓	✓
Professional rear roller Ø 195 mm with 4 taper roller bearings and central body interchangeable	FACTORY FIT ONLY	•	•	•	•	•
	AFTER FIT	•	•	•	•	•
Wear plate in hardox steel (double skin)		•	•	•	•	•
Protection chains		•	•	•	•	•
Side Skids in Hardox		•	•	•	•	•
3 POINT HITCH						
Mechanical movement on rollers and nylon skids		✓	✓	✓	✓	✓
Hydraulic movement on rollers and nylon skids		•	•	•	•	•
TRANSMISSION						
Free wheel in the gear box		✓	✓	✓	✓	✓
Oscillating bearings with double column of balls		✓	✓	✓	✓	✓
"Ventilator" Rotor		✓	✓	✓	✓	✓
Tool holders - Forestry type		✓	✓	✓	✓	✓
Rotor 8 rows		-	-	-	-	✓
Tool screw in steel Ø 20 mm 12.9		✓	✓	✓	✓	✓
Automatic belts tensioner		✓	✓	✓	✓	✓
Double flange in the rotor		-	-	✓	✓	✓
Cardan shaft		•	•	•	•	•
Extra cost for blades mounting		•	•	•	•	•





WGR 2813
WGR 3213



WGR

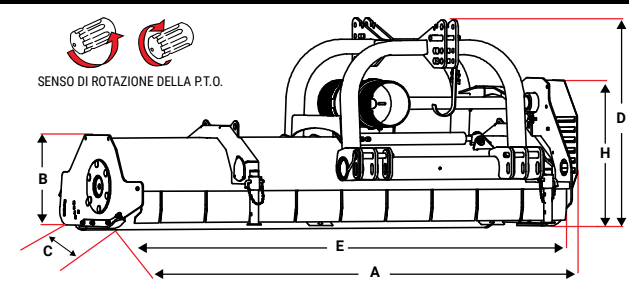
PROFESSIONAL SERIES



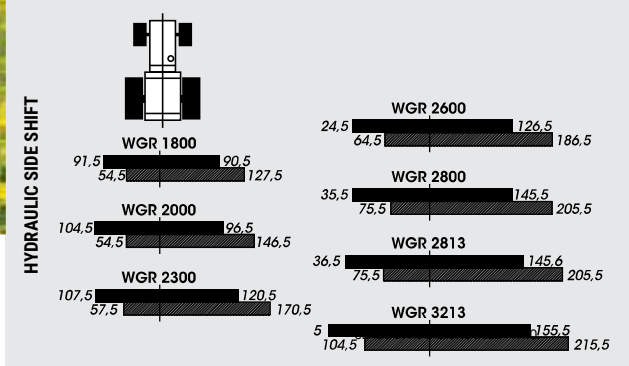
65 - 140 HP



GRASS, BUSHES SMALL, LEAVES, GRASS MAINTENANCE, SMALL WOOD, BRAMBLES, FIBROUS PLANTS, BRUSHWOOD, PARKS, SPORT FIELDS, WIDE GREEN AREAS SET-ASIDE, PASTURES



WGR	A cm	B cm	C cm	D cm	E cm	H cm
1800	203	53	113	110	182	82
2000	222	53	113	110	201	82
2300	249	53	113	110	228	82
2600	272	53	113	110	251	82
2800	297	53	113	110	281	82
2813	299	53	114	128	281	89
3213	339	53	114	128	320	89



SPECIFY AT THE TIME OF ORDER MACHINE PREPARATION:
FRONT, REAR, PTO 540 OR 1000 RPM.

STRENGTH POINTS



DOUBLE HARDOX SKIN (Optional)



AUTOMATIC BELTS TENSIONERS



FREE WHEEL IN THE GEAR BOX



DOUBLE FLANGE IN THE ROTOR
(2300-2600-2800-2813-3213)



PROFESSIONAL REAR ROLLER
Ø 195 mm (Optional)





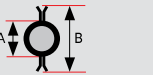
ROTOR "VENTILATOR"
electronically balanced. Forest type
tool holders moulded in boron steel.



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



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

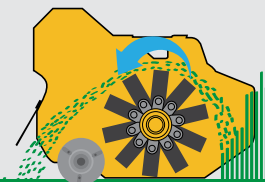
WGR			1800	2000	2300	2600	2800	2813	3213
TECHNICAL SPECIFICATIONS									
Working width			182 _{cm}	201 _{cm}	228 _{cm}	251 _{cm}	281 _{cm}	281 _{cm}	320 _{cm}
Machine weight			680 - 830 _{kg}	740 - 855 _{kg}	835 - 985 _{kg}	880 - 1030 _{kg}	985 - 1130 _{kg}	1085 - 1235 _{kg}	1175 - 1350 _{kg}
tools		Knives <i>max Ø 4cm</i>	N° 48	N° 48	N° 60	N° 60	N° 96	N° 96	N° 96
		Hammers <i>max Ø 8 cm - Kg 2,1</i>	N° 16	N° 16	N° 20	N° 20	N° 32	N° 32	N° 32
rotor Ø		A	194 x 10 mm	194 x 10 mm	194 x 10 mm	194 x 10 mm	219 x 10 mm	219 x 10 mm	219 x 10 mm
		B	457,7 mm	457,7 mm	457,7 mm	457,7 mm	483 mm	483 mm	483 mm
N° belts			4	4	4	5	5	5 Quad Power	5 Quad Power
CAT.			II	II	II	II	II	II	II
RPM PTO <i>optional</i>	540	Rotor revolutions / peripheral tool speed	2096 rpm 50,29 m/sec	2096 rpm 50,29 m/sec	2096 rpm 50,29 m/sec	2096 rpm 50,29 m/sec	1900 rpm 48,05 m/sec	1900 rpm 48,05 m/sec	1822 rpm 46,05 m/sec
HP max transmission			90 _{hp}	90 _{hp}	90 _{hp}	90 _{hp}	110 _{hp}	120 _{hp}	120 _{hp}
RPM PTO <i>standard</i>	1000	Rotor revolutions / peripheral tool speed	2096 rpm 50,22 m/sec	2096 rpm 50,22 m/sec	2096 rpm 50,22 m/sec	2096 rpm 50,22 m/sec	1900 rpm 48,05 m/sec	1900 rpm 48,05 m/sec	1822 rpm 46,05 m/sec
HP max transmission			110 _{hp}	110 _{hp}	110 _{hp}	110 _{hp}	130 _{hp}	140 _{hp}	140 _{hp}
Utilization			Rear mounted / Rear pushed (* reverse drive) / front pushed						

WGR			1800	2000	2300	2600	2800	2813	3213
MACHINE									
Monocoque frame th. 6mm			✓	✓	✓	✓	✓	✓	✓
Rear roller Ø 194 mm with roller bearings			✓	✓	✓	✓	✓	✓	✓
Double positions: 1) self-cleaning 2) rear			-	-	-	-	-	✓	✓
Toothed static knife			✓	✓	✓	✓	✓	✓	✓
Front protection flaps			✓	✓	✓	✓	✓	✓	✓
Reflectors			✓	✓	✓	✓	✓	✓	✓
Professional rear roller Ø 195 mm with 4 taper roller bearings and central body interchangeable	FACTORY FIT ONL		•	•	•	•	•	•	•
	AFTER FIT		•	•	•	•	•	•	•
Rear protection			-	-	-	-	-	•	•
Mud scraper			-	-	-	-	-	•	•
Wear plate in hardox steel (double skin)			•	•	•	•	•	•	•
Protection chains			•	•	•	•	•	•	•
Side Skids in Hardox			•	•	•	•	•	•	•
3 POINT HITCH									
Double 3 points hitch with hydraulic movement on rollers and nylon skids			✓	✓	✓	✓	✓	✓	✓
Double 3 points hitch with hydraulic movement on rollers and nylon skids			•	•	•	•	•	•	•
TRANSMISSION									
Gearbox with double free - wheel			✓	✓	✓	✓	✓	✓	✓
Oscillating bearings with double column of balls			✓	✓	✓	✓	✓	✓	✓
"Ventilator" Rotor			✓	✓	✓	✓	✓	✓	✓
Tool holders - Forestry type			✓	✓	✓	✓	✓	✓	✓
Rotor 8 rows			-	-	-	-	✓	✓	✓
Tool screw in steel Ø 20 mm 12.9			✓	✓	✓	✓	✓	✓	✓
Automatic belts tensioner			✓	✓	✓	✓	✓	✓	✓
Double flange in the rotor			-	-	✓	✓	✓	✓	✓
PTO 540 rpm			•	•	•	•	•	•	•
Cardan shaft			•	•	•	•	•	•	•
Extra cost for blades mounting			•	•	•	•	•	•	•

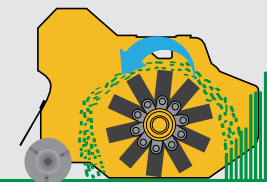
✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

WGR
PROFESSIONAL SERIES

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

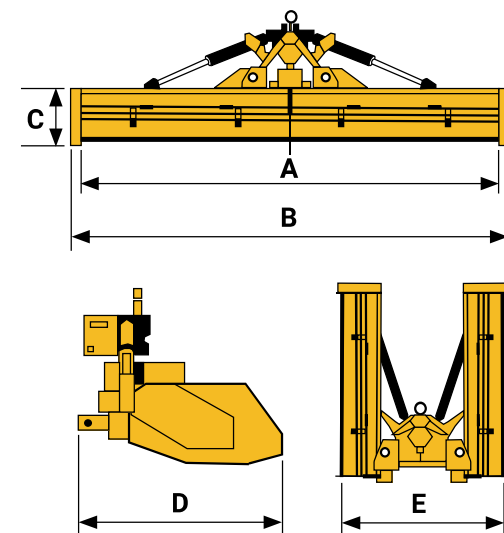


Rear roller position (WGR 2813-3213)
unloading of mulched product in front of the
roller for better shredding





GRASS MAINTENANCE, FIBROUS PLANTS, STRAW, COTTON,
POTATOES, CORN, ARTICHOKE, WIDE GREEN AREAS, SET ASIDE,
PASTURES, SUNFLOWER STALKS, SORGHUM, TOBACCO,
SUGAR CANE, FIELDS OF PINEAPPLE



WKO	A cm	B cm	C cm	D cm	E cm
4400	442	491	86	180	255
5000	491	540	86	180	255
6000	600	645	86	180	255



WKO
PROFESSIONAL SERIES



120 - 200 HP



PUNTI DI FORZA



ELECTRONICALLY BALANCED ROTOR



OSCILLATING BEARINGS WITH DOUBLE
COLUMN OF BALLS






FREE WHEEL IN THE GEAR BOX



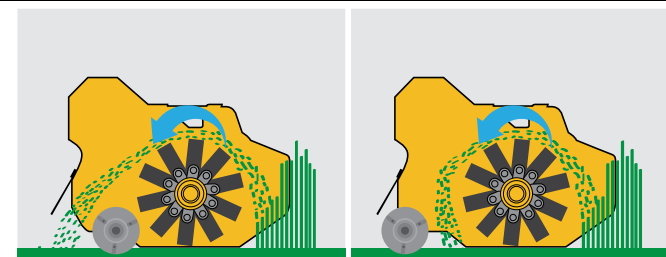
DOUBLE FLANGE IN THE ROTOR



WKO			4400	5000	6000
TECHNICAL SPECIFICATIONS					
Working width			442 cm	491 cm	600 cm
Machine weight			2150 - 2430 kg	2330 - 2620 kg	2800 - 2950 kg
tools		Knives <i>standard</i>	N° 144	N° 156	N° 204
		Hammers <i>optional</i>	N° 48	N° 52	N° 68
Rotor Ø			A	194 mm	194 mm
			B	666 mm	666 mm
N° Belts			5+5	5+5	5 + 5
CAT.			II-III	II-III	II-III
RPM PTO	1000	Rotor revolutions / peripheral tool speed	1886 rpm 60 m/sec	1886 rpm 60 m/sec	1886 rpm 60 m/sec
HP max transmission			180 hp	180 hp	180 hp
Utilization			Rear mounted		

WKO	4400	5000	6000
MACHINE			
Removable tailgate for maintenance	✓	✓	✓
Automatic locking system	✓	✓	✓
Safety lock for hydraulic and automatic road transport	✓	✓	✓
Rear roller Ø 195 mm with taper roller bearings, with mud scraper	✓	✓	✓
Height adjustable side skids	✓	✓	✓
Road lights	•	•	•
Wheels	•	•	•
Central disc for cutting grass	•	•	•
TRANSMISSION			
Transmission in oil bath with free wheel	✓	✓	✓
Toothed belts	✓	✓	✓
Electronically balanced rotor	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓
Safety valves on the cylinders	✓	✓	✓
Cardan shaft	•	•	•
Extra cost for rotor with hammers	•	•	•
HYDRAULIC SYSTEM			
Hydraulically adjustable double Rear bonnet (CE not available)	•	•	•

WKO
PROFESSIONAL SERIES



GRASS MAINTENANCE, FIBROUS PLANTS, STRAW, COTTON,
POTATOES, CORN, ARTICHOKE, WIDE GREEN AREAS SET-ASIDE,
PASTURES, SUNFLOWER STALKS, SORGHUM, TOBACCO, SUGAR CANE
FIELDS OF PINEAPPLE

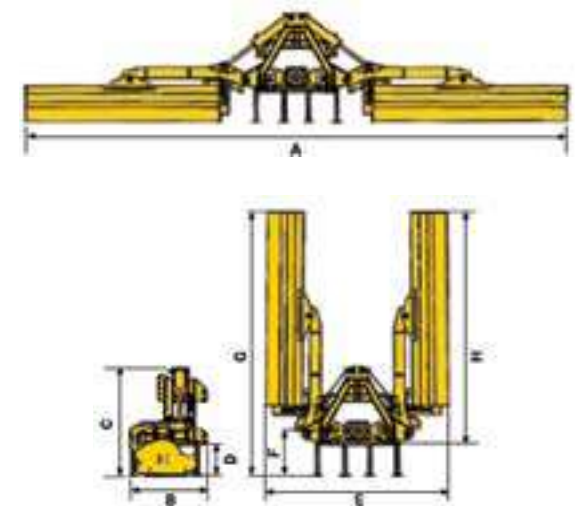


MEGA

PROFESSIONAL SERIES



120 - 200 HP



MEGA	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm
830	841	123	170	543	284	709	411	364

STRENGTH POINTS



ELECTRONICALLY BALANCED ROTOR



OSCILLATING BEARINGS WITH DOUBLE
COLUMN OF BALLS






FREE WHEEL IN THE GEAR BOX



DOUBLE FLANGE IN THE ROTOR



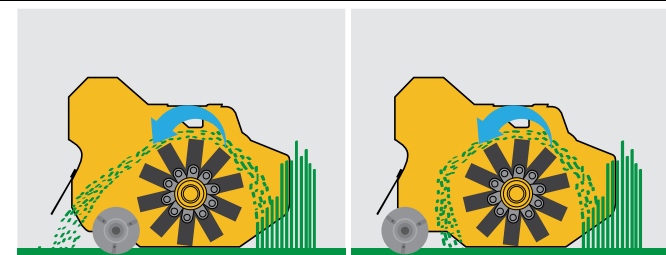
DIRECTION OF ROTATION OF P.T.O.

MEGA				830	
TECHNICAL SPECIFICATIONS					
Cutting box width			293+293 <small>cm</small>		
Working width			830 <small>cm</small>		
Machine weight			2650 - 2980 <small>kg</small>		
tools		Knives <i>standard</i> max Ø 4 cm		N° 136	
		Hammers <i>optional</i> 1,3 kg max Ø 6 cm		N° 68	
rotor Ø			A	194 mm	
			B	666 mm	
N° Belts			5+5		
CAT.			III		
RPM PTO	1000	Rotor revolutions / peripheral tool speed	1886 rpm 52 m/sec		
HP max transmission			200 <small>hp</small>		
Utilization			Rear mounted		

MEGA		830
MACHINE		
Toothed belts		✓
Rear rollers Ø 194 mm self-cleaning height adjustable		✓
Height adjustable side skids		✓
Safety lock for hydraulic and automatic road transport		✓
Removable tailgate for maintenance		✓
Reflectors		✓
Road lights		•
2+2 Steering wheels (instead of the rollers)		•
TRANSMISSION		
Transmission in oil bath with free wheel		✓
Electronically balanced rotor Ø 194 mm		✓
Double oscillating roller rotor bearings		✓
Cardan shaft 8x900 1" 3/4 Z6 + 1" 3/8 Z6		•

MEGA

PROFESSIONAL SERIES

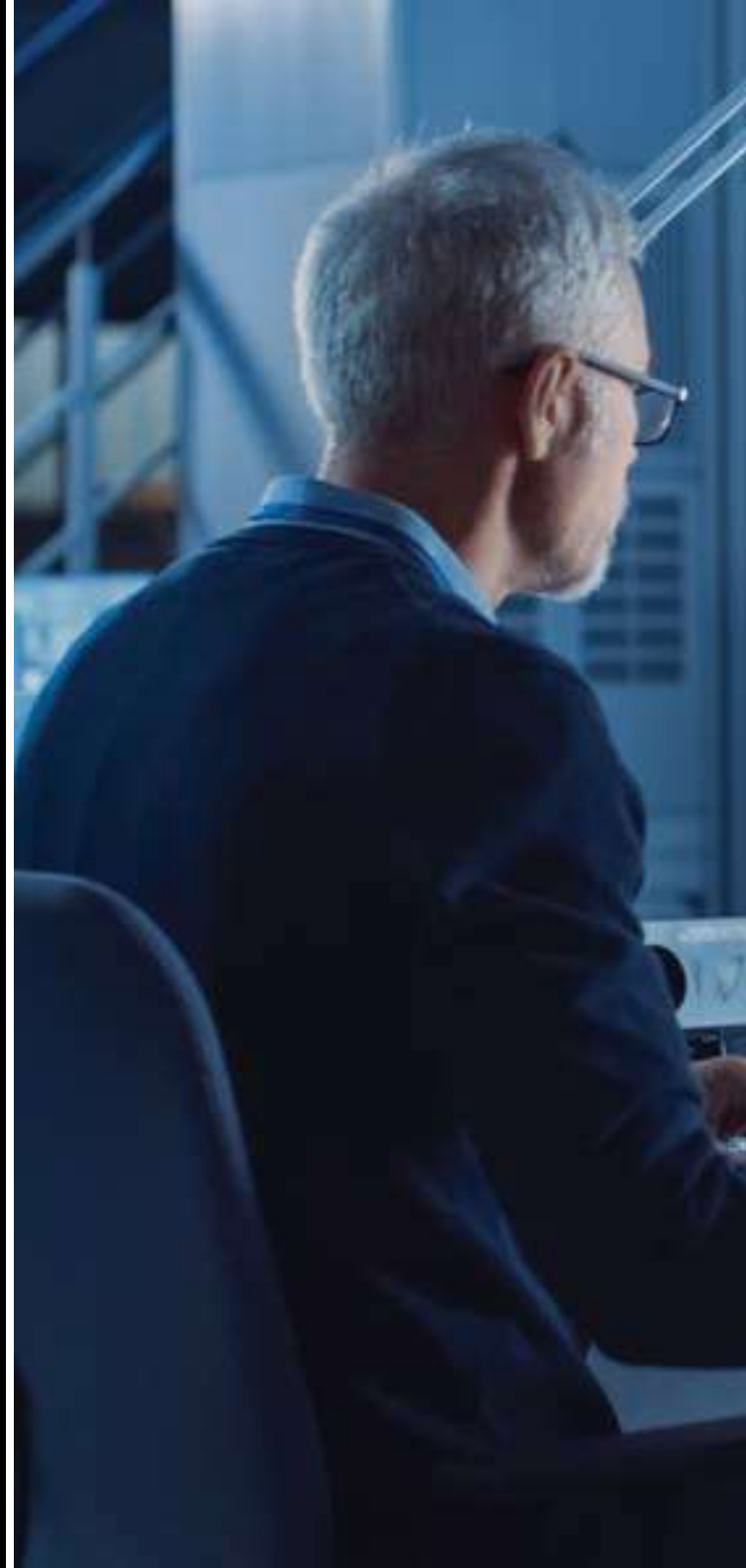




WHY ORSI?

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.



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.

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

EXCAVATOR CUTTING HEADS

Special Mulcher cutting heads suitable for excavators or skid - steer units, using the hydraulic system of these machines for powering the rotor, Orsi offers a complete range for all needs. You can choose between different models, by power and weight of the machine, type of field and desired result: choose between mulcher for excavator, s for mini excavator, shredder for skid steer loaders, stump grinders for excavators, forestry rotors as well as special applications such as hedge bars or disc bars.



SNOW CLEARANCE MACHINES

Orsi, with the acquisition in 2013 of the historic ASSALONI company specializing in snow maintenance machines offers all its customers a wide range of snow plows, salt spreaders, turbine snow blowers suited to your needs.



« The first Orsi Mulcher was purchased by my family about 25 years ago. The main quality we were looking for was reliability and performance of the machines in very difficult field conditions. The ORSI machines we have had are as reliable as possible, and have always done the work in the fields very well and importantly, we are extremely happy with the service. »

Azienda Agricola Boselli
Daniele e Filippo (BOLOGNA) Italia



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