



44° 41' 13" N
11° 20' 17" E

**FOR TRADITION
ONE STEP AHEAD**

SIDE MULCHERS

WWW.ORSIGROUP.IT



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.

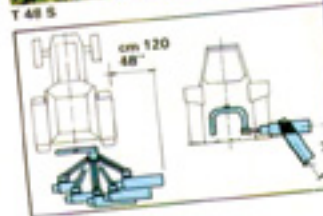
Le nostre trinciatrici si possono usare sia all'interno che all'esterno della carreggiata del trattore, per la pulizia di frutteti, vigneti e cigli di strade.

ORSI
Temperanza al vostro servizio

CARATTERISTICHE GENERALI

Modello	Lunghezza di taglio cm	Potenza min richiesta kW	Potenza max richiesta kW	Numero coltelli	Vel. presa di forza giri/1	Velocità minime giri/1	Profondità di taglio cm	Peso kg
T 32 S	105	25	40	31	540	2430	150-180	300
T 38 S	120	30	45	35	540	2430	180-170	320
T 42 S	130	30	45	42	540	2430	170-180	320
T 48 S	160	35	50	48	540	2100	150-150	370
T 52 S	195	30	40	32	540	2430	240-260	320

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



CERTIFICATO



ISO 9001:2015

ORSI GROUP S.p.A.

Il presente certificato è
valido per i sistemi di
gestione della qualità
che rispettano i requisiti
della norma ISO 9001:2015.

ORSI GROUP S.p.A.
Sede legale:
Sede Operativa: Genova (Italia)

CERMET



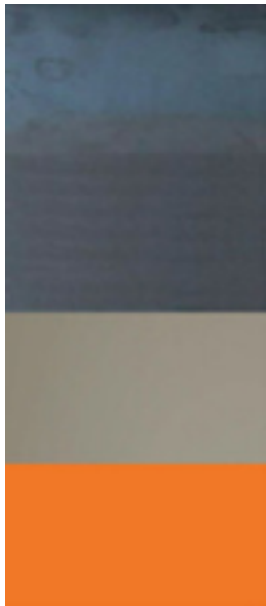
9001/07/2015



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.





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.

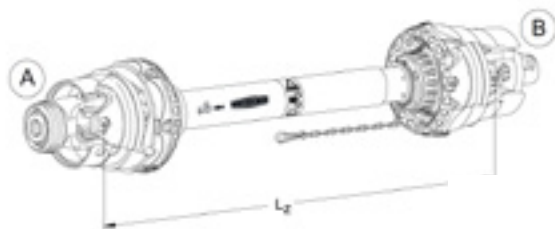


WHY WE USE STRENX?

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

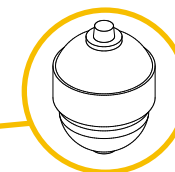
Increased rows of counter knives hold the material in for more complete shredding

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

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



"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

SUPPORT FOOT IN REST POSITION

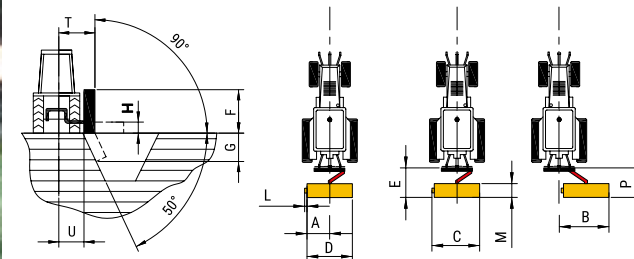
ADJUSTABLE SIDE SKIDS TO CONTROL THE WORKING HEIGHT

ELECTRONICALLY BALANCED ROTOR

with boron steel forest-type tool holders in professional models



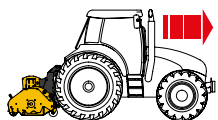
ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS



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



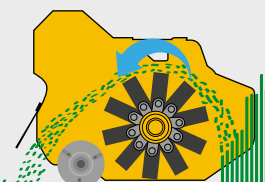
SWING BEARINGS DOUBLE BALL SLEWING BEARING

ENERGY			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 <i>max Ø 1,5 cm</i>	N° 48	N° 64	N° 80
		hammers <i>max Ø 2,5 cm Kg 0,2</i>	N° 24	N° 32	N° 40
rotor Ø			A	90x8 mm	95x10 mm
			B	265 mm	271 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 - 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 coloumn 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		✓	✓	✓

ENERGY

AGRICULTURAL SERIES

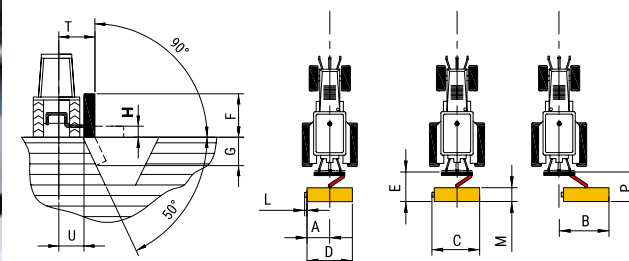


Position of the self-cleaning rear roller for discharging the mulched product behind the roller for higher output





ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS



YOUNG PLUS	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
135	85	180	151	135	161	220	95	44	16	71	193	47	150	90
165	85	210	178	162	161	247	122	44	16	71	193	47	150	90



DIRECTION OF ROTATION OF P.T.O.

YOUNG PLUS

AGRICULTURAL SERIES



35 - 60 HP

STRENGTH POINTS



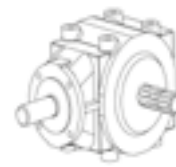
SELF-CLEANING ROLLER



3 YEARS WARRANTY
ON CAST IRON COMPONENT



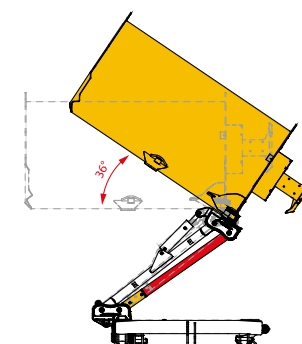
COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding





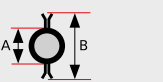
FREE-WHEEL IN GEARBOX



SWING BEARINGS DOUBLE BALL
SLEWING BEARING



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.

YOUNG PLUS			135	165	
TECHNICAL SPECIFICATIONS					
Working width			135 cm	162 cm	
Machine weight			455 - 505 kg	475 - 525 kg	
tools		knives <i>max Ø 2,5 cm</i>	N° 24	N° 32	
		hammers <i>max Ø 3,5 cm - Kg 1</i>	N° 12	N° 16	
rotor Ø			A	140x6 mm	140x6 mm
			B	376 mm	376 mm
N° Belts			4	4	
CAT.			I	I	
RPM PTO	540	Rotor revolutions / peripheral tool speed	2300 rpm - 45,25 m/sec	2300 rpm - 45,25 m/sec	
HP max transmission			60 hp	60 hp	
Utilization			rear mounted		

TRACTOR REQUIREMENTS

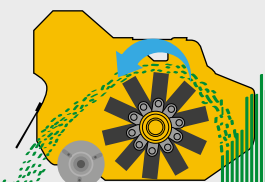
Minimum weight	1400 kg	1500 kg
Minimum wheels setting	130 cm	140 cm

YOUNG PLUS	135	165
MACHINE		
Gear box position	internal gearbox on top of hood	internal gearbox on top of hood
Monocoque skin th. 4 mm	✓	✓
Fixed knife	✓	✓
Front protections	✓	✓
Cast iron pivot points	✓	✓
Main pivot point in cast iron	✓	✓
Self-cleaning rear roller Ø 140 mm	✓	✓
Reflectors	✓	✓
Side Skids	•	•
Front chain protections	•	•
TRANSMISSION		
Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6	✓	✓
Tool holders in pressed steel	✓	✓
Tool screw in steel 12.9	✓	✓
Free-wheel in gearbox	✓	✓
Swing bearings double coloumn of balls	✓	✓
Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6	•	•
Supplement for rotor with knife	•	•
SAFETY		
Oleopneumatic anti-shock device	•	•
HYDRAULIC SYSTEM		
Hydraulic swing out	✓	✓
Hydraulic angleing	✓	✓

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

YOUNG PLUS

AGRICULTURAL SERIES

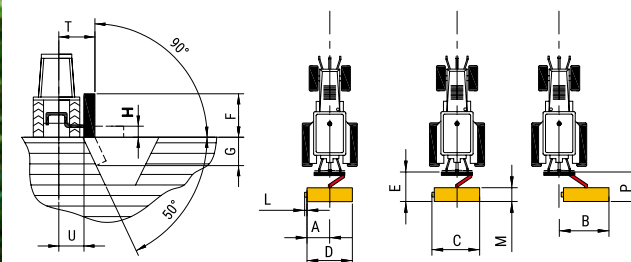


Position of the self-cleaning rear roller for discharging the mulched product behind the roller for higher output





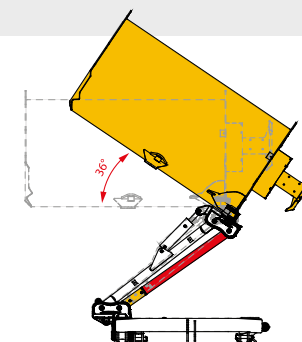
ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS



YOUNG 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
135	27	238	183	135	161	253	120	44	42	81	193	48	150	90
165	27	265	210	162	161	280	147	44	42	81	193	48	150	90



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.



WIDE ANGLE CARDAN SHAFT (optional)

YOUNG *OFF SET* AGRICULTURAL SERIES



35 - 60 HP

STRENGTH POINTS



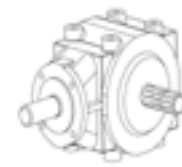
SELF-CLEANING ROLLER



3 YEARS WARRANTY
ON CAST IRON COMPONENT





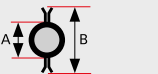
COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



FREE-WHEEL IN GEARBOX



SWING BEARINGS DOUBLE BALL
SLEWING BEARING

YOUNG OFF SET				135	165
TECHNICAL SPECIFICATIONS					
Working width				135 <small>cm</small>	162 <small>cm</small>
Machine weight				480 - 530 <small>kg</small>	500 - 550 <small>kg</small>
tools		knives <i>max Ø 2,5 cm</i>		N° 24	N° 32
		hammers <i>max Ø 3,5 cm - Kg 1</i>		N° 12	N° 16
rotor Ø			A	140x6 mm	140x6 mm
			B	376 mm	376 mm
N° Belts				4	4
CAT.				I	I
RPM PTO	540	Rotor revolutions / peripheral tool speed		2300 rpm - 45,25 m/sec	2300 rpm - 45,25 m/sec
HP max transmission				60 <small>hp</small>	60 <small>hp</small>
Utilization				rear mounted	

TRACTOR REQUIREMENTS

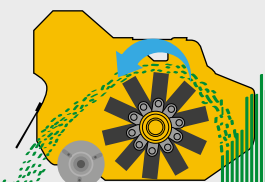
Minimum weight	1400 kg	1500 kg
Minimum wheels setting	130 cm	140 cm

YOUNG OFF SET	135	165
MACHINE		
Gear box position	external gearbox on end of hood	external gearbox on end of hood
Monocoque skin th. 4 mm	✓	✓
Cast iron pivot points	✓	✓
Front protections	✓	✓
Counter knife	✓	✓
Main pivot point in cast iron	✓	✓
Rear roller self-cleaning Ø 140 mm	✓	✓
Reflectors	✓	✓
Side Skids	•	•
Front chain protections	•	•
TRANSMISSION		
Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6	✓	✓
Tool holders in pressed steel	✓	✓
Tool screw in steel 12.9	✓	✓
Free-wheel in gearbox	✓	✓
Swing bearings double column of balls	✓	✓
Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6	•	•
Supplement for rotor with knife	•	•
SAFETY		
Oleopneumatic anti-shock device	•	•
HYDRAULIC SYSTEM		
Hydraulic swing out	✓	✓
Hydraulic angling	✓	✓

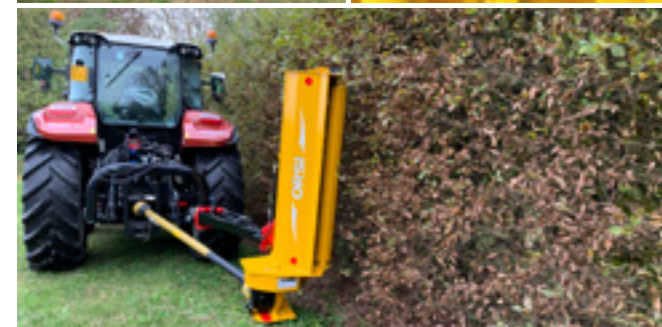
✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

YOUNG OFF SET

AGRICULTURAL SERIES



Position of the self-cleaning rear roller for discharging the mulched product behind the roller for higher output





ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS

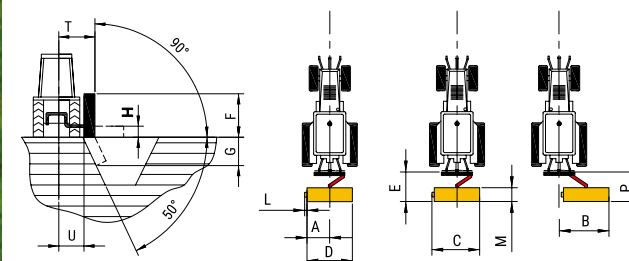


VULCANIC PLUS

AGRICULTURAL SERIES



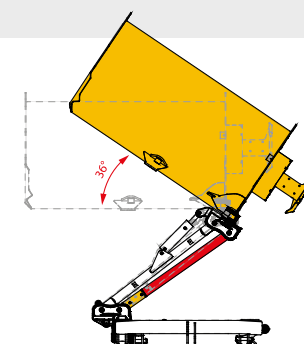
40 - 60 HP



VULCANIC PLUS	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
135	85	180	151	135	161	220	95	44	16	71	193	47	150	90
165	85	210	178	162	161	247	122	44	16	71	193	47	150	90
200	85	237	208	192	161	277	152	44	16	71	193	47	150	90



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.



WIDE ANGLE CARDAN SHAFT (optional)

STRENGTH POINTS



SELF-CLEANING ROLLER



3 YEARS WARRANTY
ON CAST IRON COMPONENT






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



FREE-WHEEL IN GEARBOX

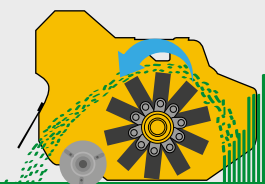


SWING BEARINGS DOUBLE BALL
SLEWING BEARING

VULCANIC PLUS				135	165	200
TECHNICAL SPECIFICATIONS						
Working width				135 _{cm}	162 _{cm}	192 _{cm}
Machine weight				490 - 533 _{kg}	510 - 553 _{kg}	525 - 570 _{kg}
tools		knives max Ø 3 cm		N° 24	N° 32	N° 40
		hammers max Ø 4 cm - Kg 1		N° 12	N° 16	N° 20
rotor Ø			A	140x8 mm	140x8 mm	140x8 mm
			B	376 mm	376 mm	376 mm
N° Belts				4	4	4
CAT.				II	II	II
RPM PTO	540	Rotor revolutions / peripheral tool speed		2300 rpm - 45,25 m/sec	2300 rpm - 45,25 m/sec	2300 rpm - 45,25 m/sec
HP max transmission				60 _{hp}	60 _{hp}	60 _{hp}
Utilization				rear mounted		
TRACTOR REQUIREMENTS						
Minimum weight				1500 _{kg}	1600 _{kg}	1700 _{kg}
Minimum wheels setting				160 _{cm}	170 _{cm}	180 _{cm}
VULCANIC PLUS				135	165	200
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. 4 mm				✓	✓	✓
Cast iron pivot points				✓	✓	✓
Front protections				✓	✓	✓
Counter knife				✓	✓	✓
Main pivot point in cast iron				✓	✓	✓
Self-cleaning rear roller Ø 140 mm				✓	✓	✓
Reflectors				✓	✓	✓
Side Skids				•	•	•
Front chain protections				•	•	•
TRANSMISSION						
Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6				✓	✓	✓
Tool screw in steel 12.9				✓	✓	✓
Free-wheel in gearbox				✓	✓	✓
Swing bearings double coloumn of balls				✓	✓	✓
Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6				•	•	•
Supplement for rotor with knife				•	•	•
SAFETY						
Oleopneumatic anti-shock device				•	•	•
HYDRAULIC SYSTEM						
Hydraulic swing out				✓	✓	✓
Hydraulic angleing				✓	✓	✓

VULCANIC PLUS

AGRICULTURAL SERIES

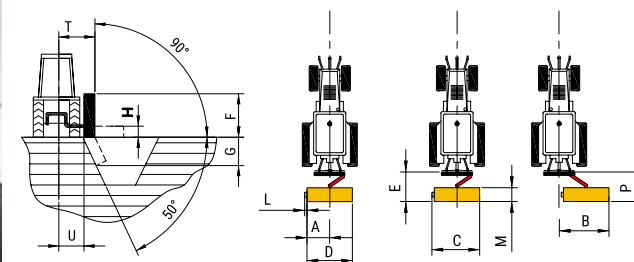


Position of the self-cleaning rear roller for discharging the mulched product behind the roller for higher output





ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS



VULCANIC OFF SET	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
135	27	238	183	135	161	253	120	44	42	81	193	48	150	90
165	27	265	210	162	161	280	147	44	42	81	193	48	150	90
200	27	295	240	192	161	310	177	44	42	81	193	48	150	90



DIRECTION OF ROTATION OF P.T.O.

VULCANIC OFF SET

AGRICULTURAL SERIES



40 - 60 HP



STRENGTH POINTS



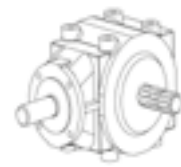
SELF-CLEANING ROLLER



3 YEARS WARRANTY
ON CAST IRON COMPONENT



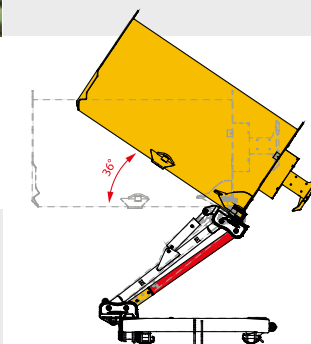
COUNTER KNIFE
Increased rows of counter knives hold the material in
for more complete shredding



FREE-WHEEL IN GEARBOX






SWING BEARINGS DOUBLE BALL
SLEWING BEARING



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.



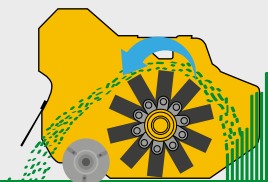
WIDE ANGLE CARDAN SHAFT (optional)

VULCANIC OFF SET				135	165	200
TECHNICAL SPECIFICATIONS						
Working width				135 _{cm}	162 _{cm}	192 _{cm}
Machine weight				500 - 545 _{kg}	530 - 570 _{kg}	550 - 600 _{kg}
tools		knives <i>max Ø 3 cm</i>		N° 24	N° 32	N° 40
		hammers <i>max Ø 4 cm - Kg 1</i>		N° 12	N° 16	N° 20
rotor Ø			A	140x8 mm	140x8 mm	140x8 mm
			B	376 mm	376 mm	376 mm
N° Belts				4	4	4
CAT.				II	II	II
RPM PTO	540	Rotor revolutions / peripheral tool speed		2300 rpm - 45,25 m/sec	2300 rpm - 45,25 m/sec	2300 rpm - 45,25 m/sec
HP max transmission				60 _{hp}	60 _{hp}	60 _{hp}
Utilization				rear mounted		
TRACTOR REQUIREMENTS						
Minimum weight				1500 _{kg}	1600 _{kg}	1700 _{kg}
Minimum wheels setting				160 _{cm}	170 _{cm}	180 _{cm}
VULCANIC OFF SET				135	165	200
MACHINE						
Gear box position				external gearbox on end of hood	external gearbox on end of hood	external gearbox on end of hood
Monocoque skin th. 4 mm				✓	✓	✓
Cast iron pivot points				✓	✓	✓
Front protections				✓	✓	✓
Counter knife				✓	✓	✓
Main pivot point in cast iron				✓	✓	✓
Self-cleaning rear roller Ø 140 mm				✓	✓	✓
Reflectors				✓	✓	✓
Side skids				•	•	•
Front chain protections				•	•	•
TRANSMISSION						
Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6				✓	✓	✓
Tool screw in steel 12.9				✓	✓	✓
Free-wheel in gearbox				✓	✓	✓
Swing bearings double coloumn of balls				✓	✓	✓
Automatic belt tensioner				✓	✓	✓
Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6				•	•	•
Supplement for rotor with knife				•	•	•
SAFETY						
Oleopneumatic anti-shock device				•	•	•
HYDRAULIC SYSTEM						
Hydraulic swing out				✓	✓	✓
Hydraulic angleing				✓	✓	✓

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

VULCANIC OFF SET

AGRICULTURAL SERIES

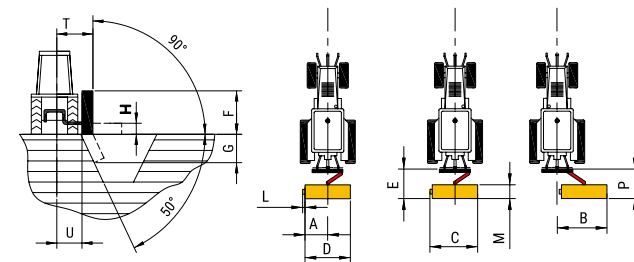


Position of the self-cleaning rear roller for discharging the mulched product behind the roller for higher output





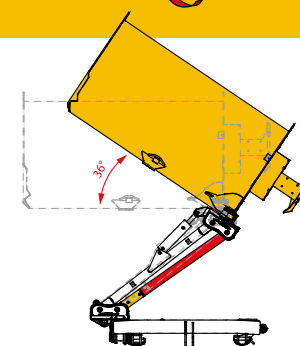
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



COMPETITION 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
165	81	258	186	162	183	256	112	48	24	98	204	60	177	129
180	81	277	205	181	183	275	131	48	24	98	204	60	177	129
200	81	297	225	201	183	295	151	48	24	98	204	60	177	129



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



COMPETITION GS

AGRICULTURAL SERIES



50 - 80 HP

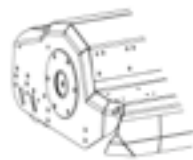
STRENGTH POINTS



HARDOX DOUBLE FRAME
IN THE CUTTING AREA



3 YEARS WARRANTY
ON CAST IRON COMPONENT



ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



PROFESSIONAL REAR ROLLER
Ø 140 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.



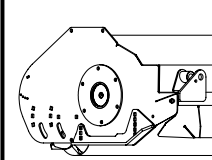
FREE-WHEEL IN GEARBOX





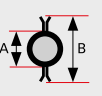
DOUBLE COUNTER KNIFE
Increased rows of counter knives hold the
material in for more complete shredding



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



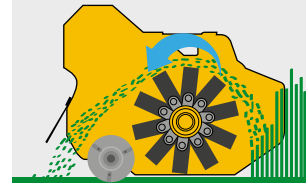
INTERNAL ROTOR BEARINGS
The internal positioning of the bearings
allows greater durability as it has greater
protection from impacts and impurities

COMPETITION GS				165	180	200	
TECHNICAL SPECIFICATIONS							
Working width				162 _{cm}	181 _{cm}	201 _{cm}	
Machine weight				595 - 690 _{kg}	630 - 730 _{kg}	645 - 750 _{kg}	
tools		knives <i>max Ø 3 cm</i>		N° 36	N° 48	N° 48	
		hammers <i>max Ø 5/6 cm Kg1,35</i>		N° 12	N° 16	N° 16	
rotor Ø			A	159x10 mm	159x10 mm	159x10 mm	
			B	423 mm	423 mm	423 mm	
N° Belts				4	4	4	
CAT.				II	II	II	
RPM PTO	540	Rotor revolutions / peripheral tool speed		2300 rpm - 50,9 m/sec	2300 rpm - 50,9 m/sec	2300 rpm - 50,9 m/sec	
HP max transmission				60 _{hp}	60 _{hp}	60 _{hp}	
Utilization				rear mounted			
TRACTOR REQUIREMENTS							
Minimum weight				2100 _{kg}	2200 _{kg}	2400 _{kg}	
Minimum wheels setting				160 _{cm}	170 _{cm}	180 _{cm}	
COMPETITION GS					165	180	200
MACHINE							
Extra side reach, up to 40 cm more off set					✓	✓	✓
Gear box position					internal gearbox on top of hood		
Monocoque skin in Hardox					✓	✓	✓
Hardox double frame in the cutting area					✓	✓	✓
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 140 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 6 X 2150 1"3/8 Z6+1"3/8 Z6					✓	✓	✓
Tool holders - Forestry type					✓	✓	✓
Ventilator rotor					✓	✓	✓
Tool screw in steel Ø 20 mm 12.9					✓	✓	✓
Oscillating bearings with double column of balls					✓	✓	✓
Free-wheel in gearbox					✓	✓	✓
Automatic belt tensioner					✓	✓	✓
Supplement for rotor with knife					•	•	•
SAFETY							
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					✓	✓	✓

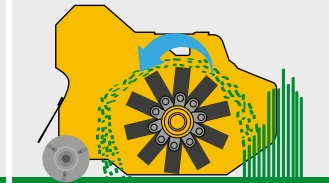
COMPETITION GS

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

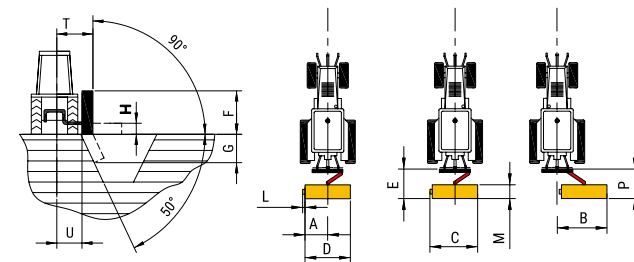


Optional
"smart safety"





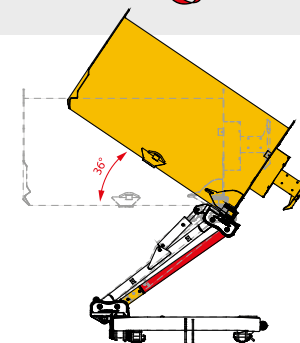
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



COMPETITION GS OFF SET	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
165	36	303	211	162	183	281	157	48	42	98	204	15	177	129
180	36	322	230	181	183	300	176	48	42	98	204	15	177	129
200	36	342	250	201	183	320	186	48	42	98	204	15	177	129

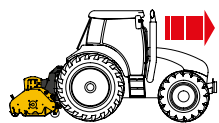


DIRECTION OF ROTATION OF P.T.O.



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**



COMPETITION GS *OFF SET*

AGRICULTURAL SERIES



50 - 80 HP



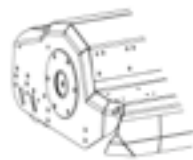
STRENGTH POINTS



**HARDOX DOUBLE FRAME
IN THE CUTTING AREA**



**3 YEARS WARRANTY
ON CAST IRON COMPONENT**



**ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD**



PROFESSIONAL REAR ROLLER
Ø 140 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.



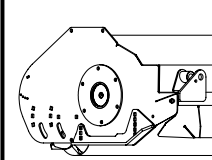
FREE-WHEEL IN GEARBOX



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

COMPETITION GS OFF SET				165	180	200
TECHNICAL SPECIFICATIONS						
Working width				162 cm	181 cm	201 cm
Machine weight				620 - 715 kg	655 - 755 kg	665 - 775 kg
tools		knives <i>max Ø 3 cm</i>		N° 36	N° 48	N° 48
		hammers <i>max Ø 5/6 cm Kg1,35</i>		N° 12	N° 16	N° 16
rotor Ø			A	159x10 mm	159x10 mm	159x10 mm
			B	423 mm	423 mm	423 mm
N° Belts				4	4	4
CAT.				II	II	II
RPM PTO	540	Rotor revolutions / peripheral tool speed		2300 rpm - 53,2 m/sec	2300 rpm - 53,2 m/sec	2300 rpm - 53,2 m/sec
HP max transmission				60 hp	60 hp	60 hp
Utilization				rear mounted		

TRACTOR REQUIREMENTS

Minimum weight	2200 kg	2300 kg	2400 kg
Minimum wheels setting	170 cm	175 cm	180 cm

COMPETITION GS OFF SET	165	180	200
------------------------	-----	-----	-----

MACHINE

Extra side reach, up to 40 cm more off set	✓	✓	✓
Gear box position	external gearbox on end of hood		
Hardox double frame in the cutting area	✓	✓	✓
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 140 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	•	•	•
Front chain protections	•	•	•

TRASMISSIONE

Wide angle cardan shaft 6 X 2150 1"3/8 Z6+1"3/8 Z6	✓	✓	✓
Tool holders - Forestry type	✓	✓	✓
Ventilator rotor	✓	✓	✓
Tool screw in steel Ø 20 mm 12.9	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓
Free-wheel in gearbox	✓	✓	✓
Automatic belt tensioner	✓	✓	✓
Supplement for rotor with knife	•	•	•

SAFETY

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	✓	✓	✓

COMPETITION GS

OFF SET AGRICULTURAL SERIES

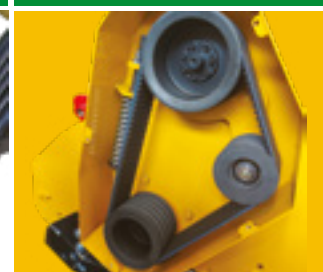
Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



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

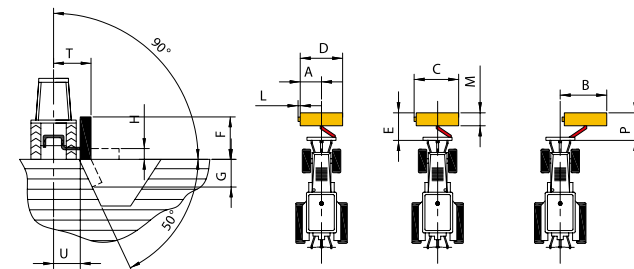


Optional
"smart safety"





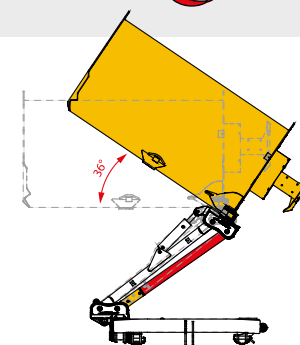
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



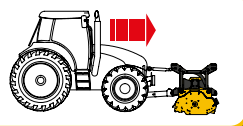
COMPETITION GS-OS FRONTAL	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	T cm	U cm
165	50	298	205	162	226	275	157	48	43	99	225	180	130
180	50	317	224	181	226	295	176	48	43	99	225	180	130
200	50	337	244	201	226	314	186	48	43	99	225	180	130



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (standard equipment)
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



COMPETITION GS OFF SET *FRONTAL* AGRICULTURAL SERIES



80 - 140 HP



STRENGTH POINTS



HARDOX DOUBLE FRAME
IN THE CUTTING AREA



3 YEARS WARRANTY
ON CAST IRON COMPONENT



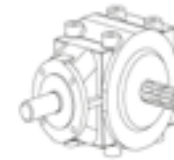
ROUNDED FRAME AND CHAMFER ON
THE OUTER END OF HOOD



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



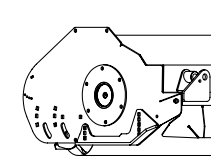
"VENTILATOR" ROTOR
electronically balanced. Forestry tool holders moulded in boron steel.





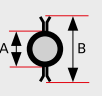
FREE-WHEEL IN GEARBOX



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



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

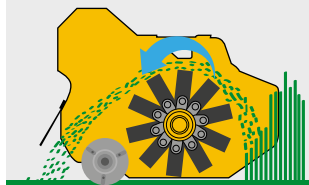
COMPETITION GS OFF SET FRONTAL				165	180	200	
TECHNICAL SPECIFICATIONS							
Working width				162 _{cm}	181 _{cm}	201 _{cm}	
Machine weight				735 - 770 _{kg}	785 - 820 _{kg}	815 - 850 _{kg}	
tools		knives <i>max Ø 3 cm</i>		N° 36	N° 48	N° 48	
		hammers <i>max Ø 5/6 cm Kg1,35</i>		N° 16	N° 16	N° 16	
rotor Ø			A	159x10 mm	159x10 mm	159x10 mm	
			B	423 mm	423 mm	423 mm	
N° Belts				4	4	4	
CAT.				II	II	II	
RPM PTO	1000	Rotor revolutions / peripheral tool speed		2271 rpm - 50,3 m/sec	2271 rpm - 50,3 m/sec	2271 rpm - 50,3 m/sec	
HP max transmission				120 _{hp}	120 _{hp}	120 _{hp}	
Utilization				front mounted			
TRACTOR REQUIREMENTS							
Minimum weight				2200 _{kg}	2300 _{kg}	2300 _{kg}	
Minimum wheels setting				170 _{cm}	175 _{cm}	180 _{cm}	
COMPETITION GS OFF SET FRONTAL					165	180	200
MACHINE							
Extra side reach, up to 40 cm more off set					✓	✓	✓
Gear box position					external gearbox on end of hood		
Hardox double frame in the cutting area					✓	✓	✓
Monocoque skin in Hardox					✓	✓	✓
Rounded frame with outer side beveled					✓	✓	✓
Double counter knife					✓	✓	✓
Front safety flaps th. 6 mm					✓	✓	✓
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					✓	✓	✓
Reflectors					✓	✓	✓
Side skids					•	•	•
Front chain protections					•	•	•
TRANSMISSION							
Wide angle cardan shaft 6 X 2150 1"3/8 Z6+1"3/8 Z6					✓	✓	✓
Tool holders - Forestry type					✓	✓	✓
Ventilator rotor					✓	✓	✓
Tool screw in steel Ø 20 mm 12.9					✓	✓	✓
Oscillating bearings with double column of balls					✓	✓	✓
Free-wheel in gearbox					✓	✓	✓
Automatic belt tensioner					✓	✓	✓
Supplement for rotor with knife					•	•	•
SAFETY							
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

COMPETITION GS

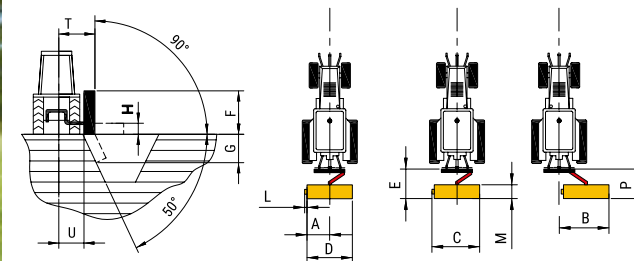
OFF SET FRONTAL AGRICULTURAL SERIES

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





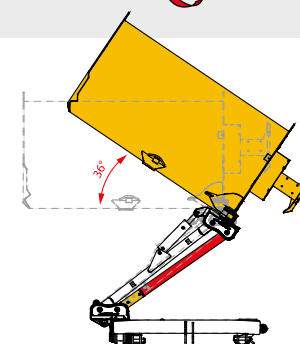
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



PRIMATIST 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
180	80	290	211	192	208	281	173	55	15	98	240	5	179	126
200	80	299	220	201	208	290	182	55	15	98	240	5	179	126
220	80	319	240	221	208	310	202	55	15	98	240	5	179	126
250	80	352	273	254	208	343	235	55	15	98	240	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 GS

AGRICULTURAL SERIES



60 - 100 HP

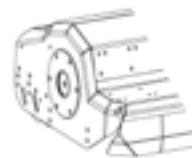
STRENGTH POINTS



HARDOX DOUBLE FRAME
IN THE CUTTING AREA



3 YEARS WARRANTY
ON CAST IRON COMPONENT



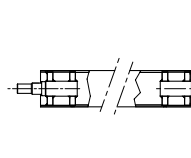
ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



PROFESSIONAL REAR ROLLER
Ø 140 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.



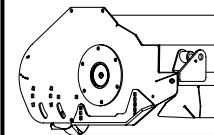
DOUBLE ROTOR SUPPORT



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 GS		180	200	220	250
TECHNICAL SPECIFICATIONS					
Working width		181 cm	201 cm	221 cm	253 cm
Machine weight		745 - 790 kg	765 - 808 kg	805 - 850 kg	855 - 900 kg
tools	knives <i>max Ø 3 cm</i>	N° 48	N° 48	N° 48	N° 60
	hammers <i>max Ø 5/6 cm Kg1,35</i>	N° 16	N° 16	N° 16	N° 20
rotor Ø	A	159x10 mm	159x10 mm	178x10 mm	178x10 mm
	B	423 mm	423 mm	442 mm	442 mm
N° Belts quad power		4	4	5	5
CAT.		II	II	II	II
RPM PTO	540	Rotor revolutions / peripheral tool speed		2300 rpm - 51 m/sec	2050 rpm - 47,4 m/sec
HP max transmission		70 hp	70 hp	70 hp	70 hp
Utilization		rear mounted			

TRACTOR REQUIREMENTS					
Minimum weight		2200 kg	2400 kg	2600 kg	2800 kg
Minimum wheels setting		170 cm	180 cm	200 cm	220 cm

PRIMATIST GS	180	200	220	250
MACHINE				
Extra side reach, up to 40 cm more off set	✓	✓	✓	✓
Gear box position	internal gearbox on to of hood			
Hardox double frame in the cutting area	✓	✓	✓	✓
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 140 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	✓ 6 X 2150 1 3/8 Z6+1 3/8 Z6	✓ 6 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 3/8 Z6+1 3/8 Z6
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	✓	✓	✓	✓
Supplement for rotor with knife	•	•	•	•

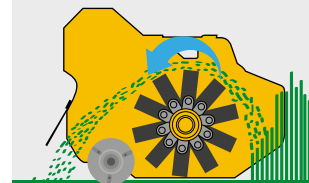
SAFETY				
Olleopneumatic anti-shock device	•	•	•	•
HYDRAULIC SYSTEM				
Hydraulic side movement with adjustable ram and double acting anti-creep valve	✓	✓	✓	✓
Hydraulic angleing with safety tap for road transport	✓	✓	✓	✓

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

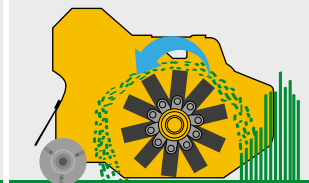
PRIMATIST GS

AGRICULTURAL SERIES

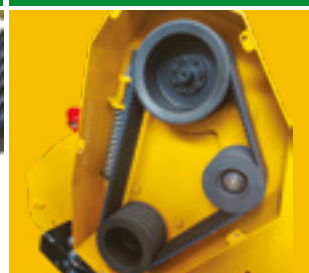
Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



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

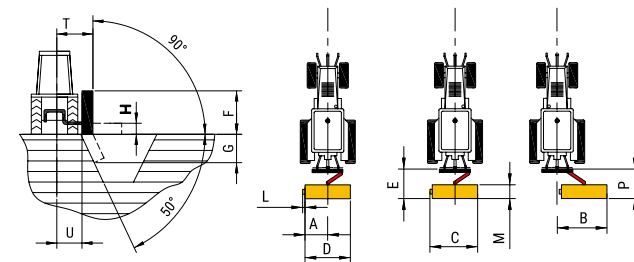


Optional
"smart safety"





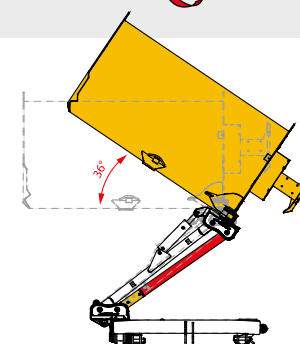
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



PRIMATIST GS OFF SET	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
180	35	337	238	182	208	308	188	55	42	98	240	5	179	126
200	35	346	247	201	208	317	197	55	42	98	240	5	179	126
220	35	366	267	221	208	337	217	55	42	99	240	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 GS *OFF SET*

AGRICULTURAL SERIES



60 - 100 HP

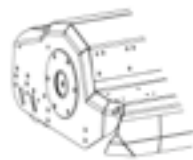
STRENGTH POINTS



**HARDOX DOUBLE FRAME
IN THE CUTTING AREA**



**3 YEARS WARRANTY
ON CAST IRON COMPONENT**



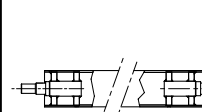
**ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD**



PROFESSIONAL REAR ROLLER
Ø 140 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.



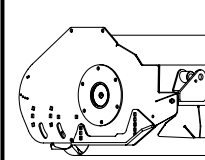
DOUBLE ROTOR SUPPORT





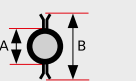
DOUBLE COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



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

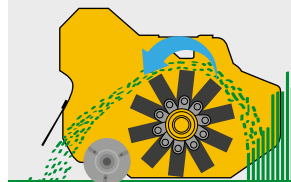
PRIMATIST GS OFF SET				180	200	220
TECHNICAL SPECIFICATIONS						
Working width				181 cm	201 cm	221 cm
Machine weight				765 - 810 kg	785 - 828 kg	825 - 870 kg
tools		knives <i>max Ø 3 cm</i>		N° 48	N° 48	N° 48
		hammers <i>max Ø 5/6 cm Kg1,35</i>		N° 16	N° 16	N° 16
rotor Ø			A	159x10 mm	159x10 mm	178x10 mm
			B	423 mm	423 mm	442 mm
N° Belts quad power				4	4	5
CAT.				II	II	II
RPM PTO	540	Rotor revolutions / peripheral tool speed		2300 rpm - 51 m/sec	2300 rpm - 51 m/sec	2050 rpm - 47,4 m/sec
HP max transmission				70 hp	70 hp	70 hp
Utilization				rear mounted		
TRACTOR REQUIREMENTS						
Minimum weight				2200 kg	2400 kg	2600 kg
Minimum wheels setting				170 cm	180 cm	200 cm

PRIMATIST GS OFF SET		180	200	220
MACHINE				
Extra side reach, up to 40 cm more off set		✓	✓	✓
Gear box position		external gearbox on end of hood		
Monocoque skin in Hardox		✓	✓	✓
Hardox double frame in the cutting area		✓	✓	✓
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 140 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		✓ 6 X 2150 1"3/8 Z6+1"3/8 Z6	✓ 6 X 2150 1"3/8 Z6+1"3/8 Z6	✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6
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		✓	✓	✓
Supplement for rotor with knife		•	•	•
SAFETY				
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		✓	✓	✓

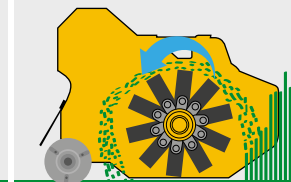
PRIMATIST GS *OFF SET*

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

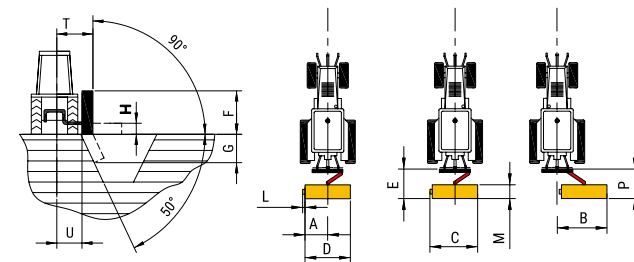


Optional
"smart safety"





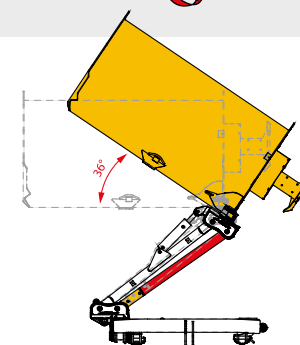
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



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



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

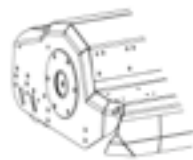
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY
ON CAST IRON COMPONENT



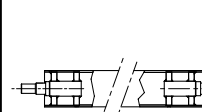
ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



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.



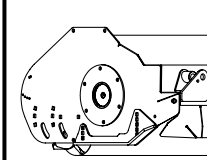
DOUBLE ROTOR SUPPORT



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 <i>PLUS</i> GS				185	200	220
TECHNICAL SPECIFICATIONS						
Working width				181 <small>cm</small>	201 <small>cm</small>	221 <small>cm</small>
Machine weight				840 - 890 <small>kg</small>	860 - 910 <small>kg</small>	900 - 960 <small>kg</small>
tools		knives <i>max Ø 3,5 cm</i>		N° 48	N° 48	N° 60
		hammers <i>max Ø 5/6 cm Kg1,7</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 <small>hp</small>	80 <small>hp</small>	110 <small>hp</small>
Utilization				rear mounted		

TRACTOR REQUIREMENTS

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

PRIMATIST PLUS GS

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	•	•	•
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
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	•	•	•

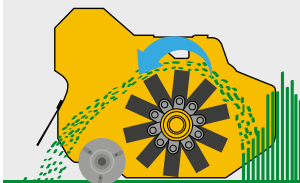
HYDRAULIC SYSTEM

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

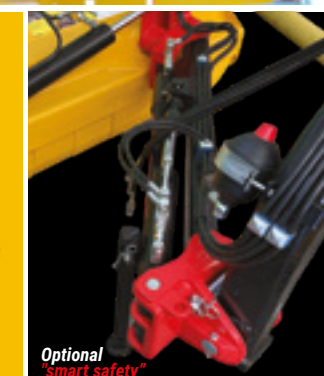
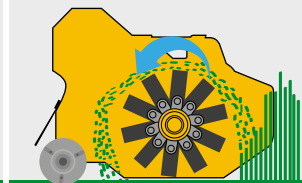
PRIMATIST PLUS GS

AGRICULTURAL SERIES

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

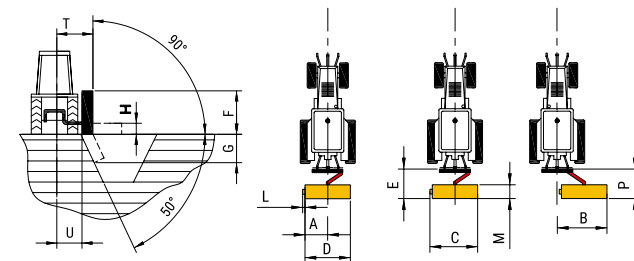


Rear roller position
unloading of mulched product in front of the roller for better shredding





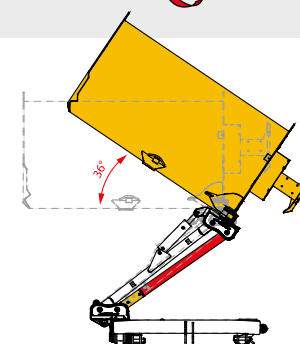
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



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



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 OFF SET

AGRICULTURAL SERIES



70 - 140 HP



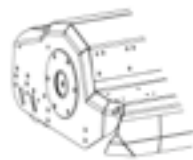
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY
ON CAST IRON COMPONENT



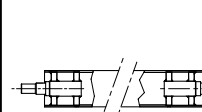
ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



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.



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

PRIMATIST PLUSGS OFF SET				185	200	220
TECHNICAL SPECIFICATIONS						
Working width				181 <small>cm</small>	201 <small>cm</small>	221 <small>cm</small>
Machine weight				855 - 895 <small>kg</small>	885 - 930 <small>kg</small>	915 - 960 <small>kg</small>
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 <small>hp</small>	80 <small>hp</small>	110 <small>hp</small>
Utilization				rear mounted		

TRACTOR REQUIREMENTS

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

PRIMATIST PLUSGS 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 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	•	•	•

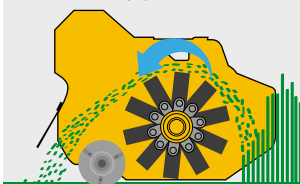
HYDRAULIC SYSTEM

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

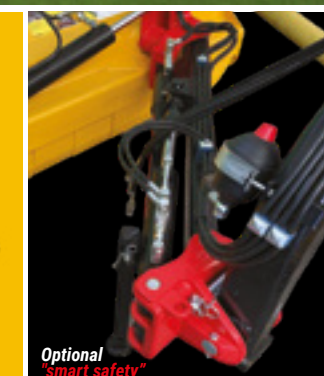
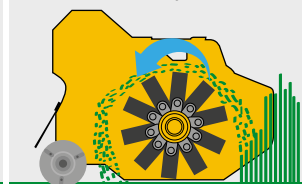
PRIMATIST PLUSGS

OFF SET AGRICULTURAL SERIES

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



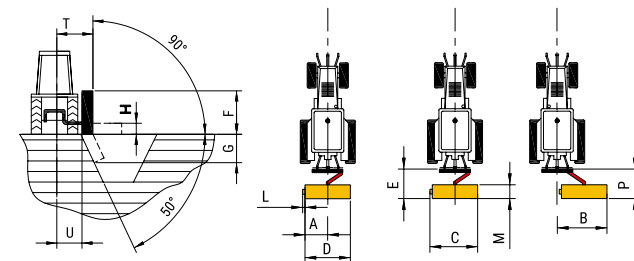
Rear roller position
unloading of mulched product in front of the roller for better shredding



Optional
"Smart safety"



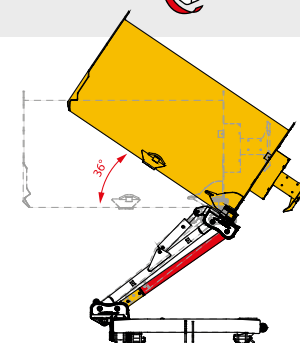
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



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



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



MAGNUM PLUS GS

PROFESSIONAL SERIES



80 - 200 HP



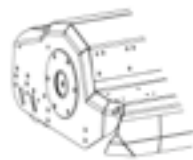
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY
ON CAST IRON COMPONENT



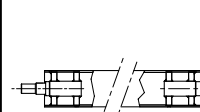
ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



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 <i>PLUS</i> GS				160	185	210	235	250
TECHNICAL SPECIFICATIONS								
Working width				155 <small>cm</small>	181 <small>cm</small>	201 <small>cm</small>	228 <small>cm</small>	251 <small>cm</small>
Machine weight				1050 - 1100 <small>kg</small>	1080 - 1130 <small>kg</small>	1110 - 1160 <small>kg</small>	1150 - 1200 <small>kg</small>	1175 - 1225 <small>kg</small>
tools		knives <i>max Ø 3,5 cm</i>		N° 36	N° 48	N° 48	N° 60	N° 60
		hammers <i>max Ø 8 cm Kg 2,1</i>		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	2250 rpm - 53,2 m/sec	2250 rpm - 53,2 m/sec	2250 rpm - 53,2 m/sec	2025 rpm - 47,9 m/sec
HP max transmission				100 <small>hp</small>	100 <small>hp</small>	100 <small>hp</small>	110 <small>hp</small>	110 <small>hp</small>
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	•	•	•	•	•

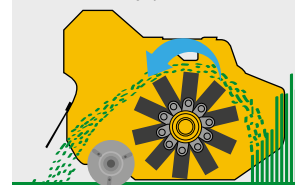
HYDRAULIC SYSTEM

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

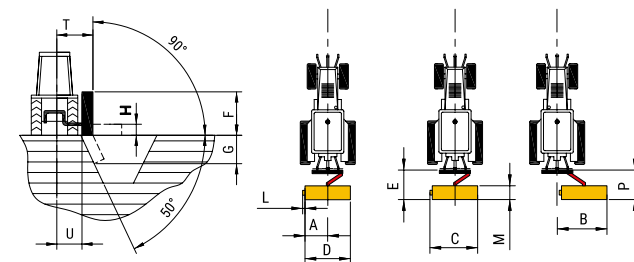
Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



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



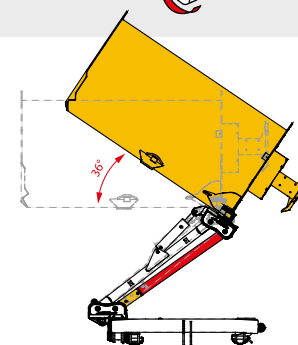
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



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



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

HARDOX
IN MY BODY



80 - 200 HP

MAGNUM **PLUS** GS OFF SET

PROFESSIONAL SERIES

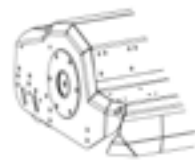
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY
ON CAST IRON COMPONENT



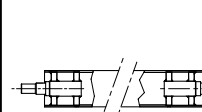
ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



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





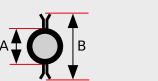
DOUBLE COUNTER KNIFE
Increased rows of counter knives hold the
material in for more complete shredding



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 <i>max Ø 3,5 cm</i>		N° 36	N° 48	N° 48	N° 60	N° 60
		hammers <i>max Ø 8 cm - Kg 2,1</i>		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	2250 rpm - 53,2 m/sec	2250 rpm - 53,2 m/sec	2250 rpm - 53,2 m/sec	2025 rpm - 47,9 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

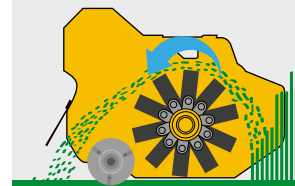
MAGNUM PLUS GS OFF SET			160	185	210	235	250
MACHINE							
Extra side reach, up to 40 cm more off set			✓	✓	✓	✓	✓
Gear box position			external gearbox on end of hood				
Double skin in hardox			✓	✓	✓	✓	✓
Cast iron pivot points			✓	✓	✓	✓	✓
Double counter knife			✓	✓	✓	✓	✓
Rounded frame with outer side 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

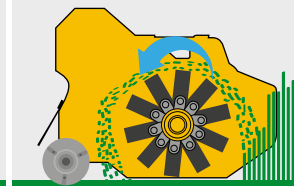
MAGNUM PLUS GS

OFF SET PROFESSIONAL SERIES

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

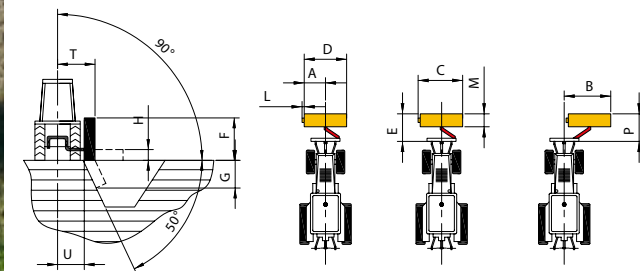


Rear roller position
unloading of mulched product in front of the roller for better shredding





ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS

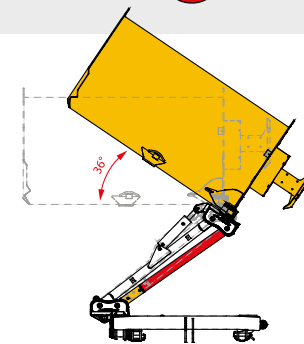
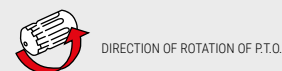


MAGNUM PLUS GS OFF SET FRONTAL	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	L cm	M cm	P cm	T cm	U cm
185	54	333	232	181	248	302	175	54	50	102	227	198	144
235	54	333	279	228	248	349	222	54	50	102	227	198	144

EXTRA REACH



HARDOX
IN MY BODY



OLEOPNEUMATIC ANTI-SHOCK DEVICE (standard equipment)
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 FRONTAL

PROFESSIONAL SERIES



100 - 180 HP

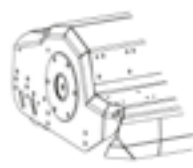
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



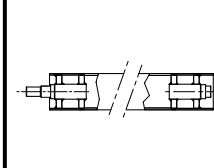
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



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





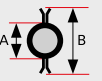
DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



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

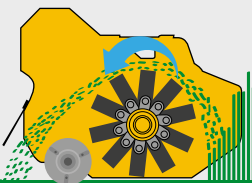
MAGNUM PLUS GS OFF SET FRONTAL				185	235
TECHNICAL SPECIFICATIONS					
Working width				181 cm	228 cm
Machine weight				1060 - 1165 kg	1165 - 1270 kg
tools		knives <i>max Ø 3,5 cm</i>		N° 48	N° 60
		hammers <i>max Ø 8 cm Kg 2,1</i>		N° 16	N° 20
rotor Ø			A	194 x 12.5 mm	194 x 12.5 mm
			B	452 mm	452 mm
N° Belts quad power				4	5
CAT.				II	II
RPM PTO	1000	Rotor revolutions / peripheral tool speed		2250 rpm - 53,25 m/sec	2250 rpm - 53,25 m/sec
HP max transmission				160 hp	160 hp
Utilization				front mounted	
TRACTOR REQUIREMENTS					
Minimum weight				5500 kg	6000 kg
Minimum wheels setting				220 cm	230 cm

MAGNUM PLUS GS OFF SET FRONTAL		185	235
MACCHINA			
Extra side reach, up to 40 cm more off set		✓	✓
Gear box position		external gearbox on end of hood	external gearbox on end of hood
Double skin in hardox		✓	✓
Rounded frame with outer side beveled		✓	✓
Double counter knife		✓	✓
Front safety flaps th. 6 mm		✓	✓
Professional rear roller Ø 195 mm with 4 roller bearings, mud scraper and interchangeable central body		✓	✓
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		✓	✓
SAFETY			
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		✓	✓

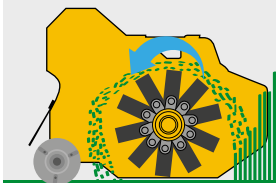
MAGNUM PLUS

OFF SET *FRONTAL* PROFESSIONAL SERIES

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

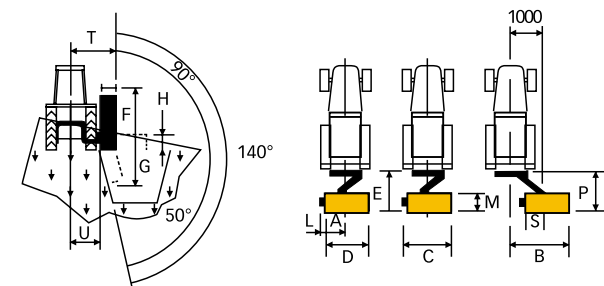


Rear roller position
unloading of mulched product in front of the roller for better shredding





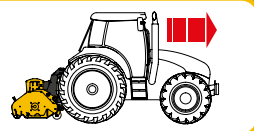
ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



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
4.5-25	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.



EXTRA
REACH



100 - 180 HP

PREDATOR

PROFESSIONAL SERIES

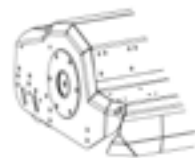
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY
ON CAST IRON COMPONENT



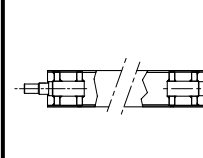
ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



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 <small>cm</small>	250 <small>cm</small>	300 <small>cm</small>
Machine weight			2150 <small>kg</small>	2350 <small>kg</small>	2550 <small>kg</small>
tools		knives <i>max Ø 3,5 cm</i>	N° 48	N° 60	N° 96
		hammers <i>max Ø 8 cm Kg 2,1</i>	N° 16	N° 20	N° 32
rotor Ø			A	194x10 mm	219x10 mm
			B	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 <small>hp</small>	290 <small>hp</small>	290 <small>hp</small>
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

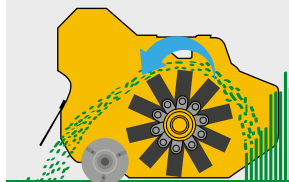
Hydraulic side movement with double extension	✓	✓	✓
Hydraulic angleing with safety tap for road transport	✓	✓	✓
Boom movements: by means of quick hydraulic couplings to the tractor (minimum flow required 40 lt / min; minimum 4 hydraulics couplings	✓	✓	✓
FAST-TRONIC Electro-proportional with 4 compensated movements adjustable by the operator with graphic display	•	•	•
Kit 4.0 - Telemetry and remote diagnostics (only with Fast Tronic command)	•	•	•

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

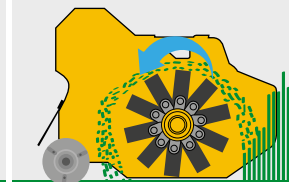
PREDATOR

PROFESSIONAL SERIES

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



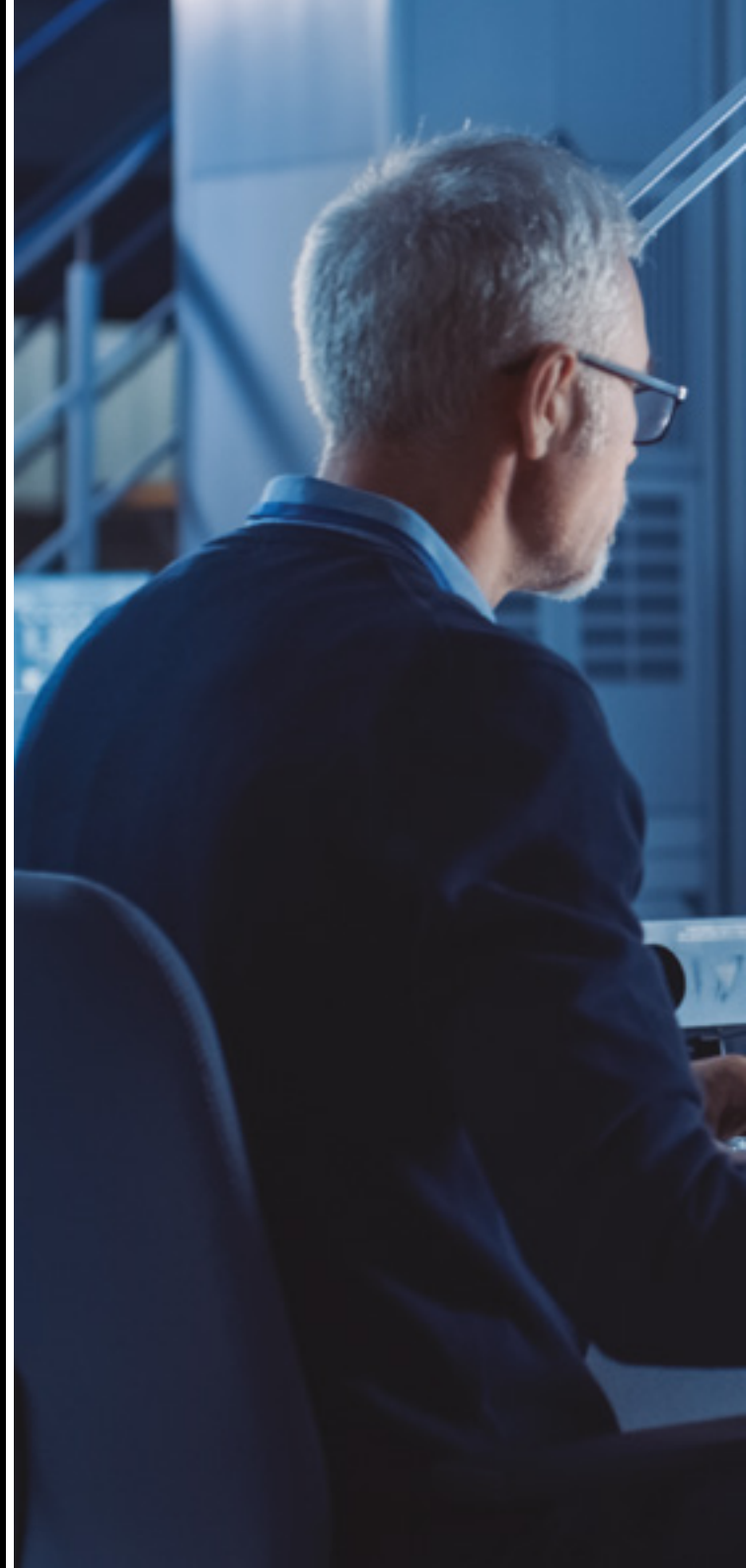
Rear roller position
unloading of mulched product in front of the roller for better shredding



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 500 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 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.



« 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



Distribué par / Distributed by :

MTI
CANADA

MTI Canada

Tél. / tel.: 418 839-4127

Français: 1 866 667-6328

English: 1 866 718-4746

Téléc. / Fax: 1 800 363-7157

www.mticanada.ca • info@mticanada.ca