



44° 41' 13" N  
11° 20' 17" E

FOR TRADITION  
ONE STEP AHEAD

FORESTRY RANGE

[WWW.ORSIGROUP.IT](http://WWW.ORSIGROUP.IT)



# HEADQUARTER

MASCARINO DI CASTELLO D'ARGILE (BO) ITALY





# CERTIFICATIONS



CERTIFICATO



ISO 9001:2015

ORSI GROUP S.p.A.

*[Signature]*

ORSI GROUP S.p.A.  
Sede legale  
Sede Direzione Generale  
P.le della Pace, 10  
40138 Bologna (BO)

ORSI GROUP S.p.A.  
Sede legale  
Sede Direzione Generale

CERMET



ISO 9001:2015





# FORESTRY 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.

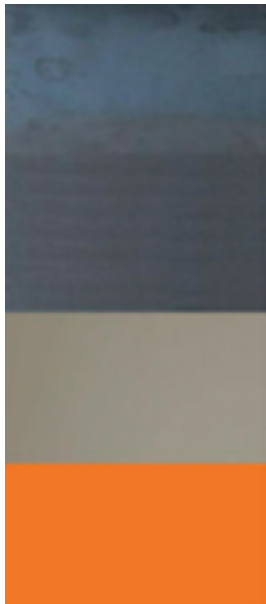




# ANTICORROSIVE TREATMENT

## 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 STRENGTH CYCLE

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

### STANDARD CYCLE

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

## “WHY AN EXCELLENT PAINTING IS IMPORTANT”

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

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



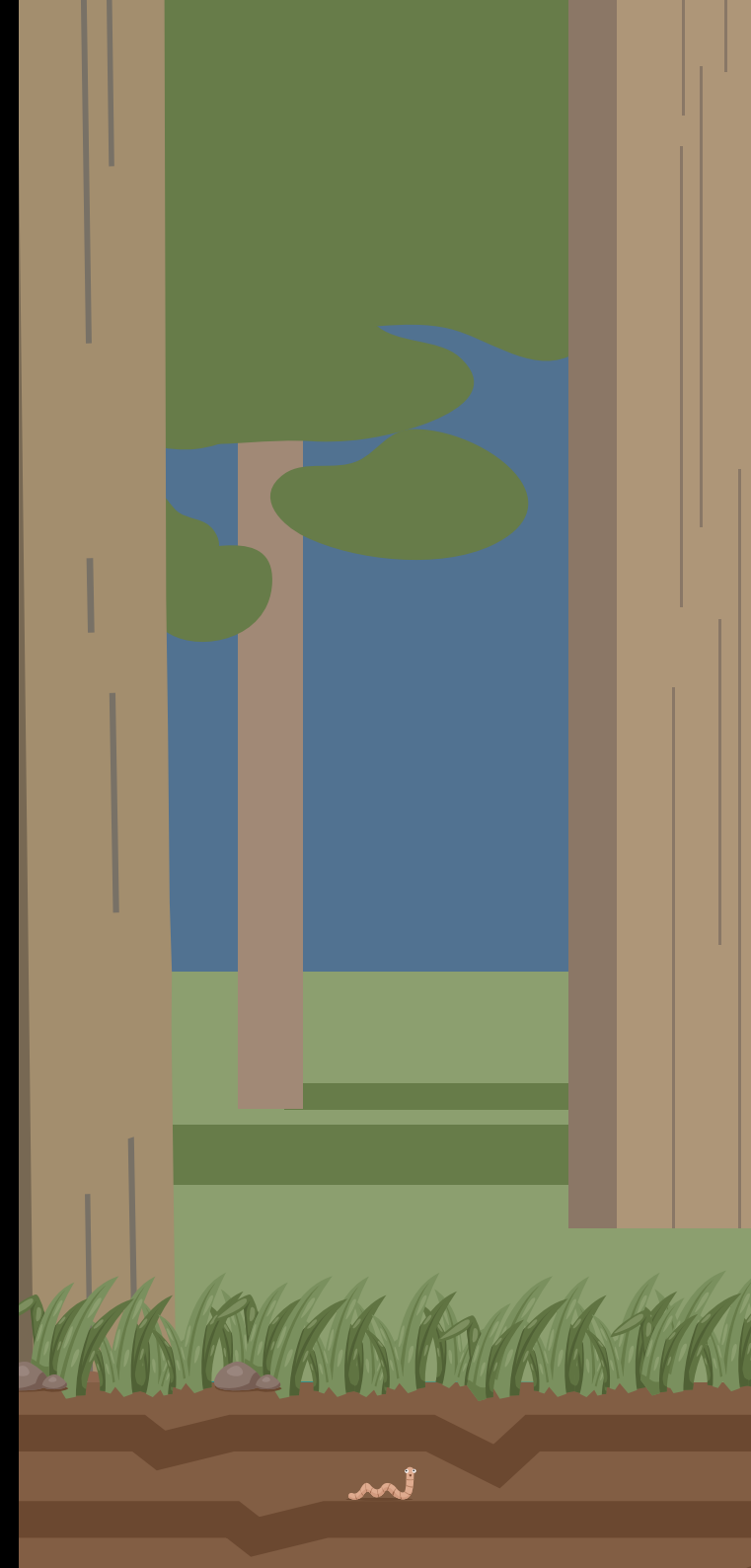


# BENEFITS FORESTRY MACHINES

**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.

## WHERE TO USE FORESTRY MULCHERS:

- MAINTENANCE AND DEVELOPMENT OF FOREST LANDS
- MAINTENANCE OF WOODLANDS
- LOGS REMOVAL
- MAINTENANCE AND CONSERVATION OF WILDLIFE AREAS
- MAINTENANCE OF LAKES, RIVERS, RIVERBANKS AND DITCHES.
- MAINTENANCE OF VINEYARDS AND ORCHARDS
- LAND DEVELOPMENT
- CREATION OF FIREBREAKS/FIRE LINES
- MAINTENANCE OF PLANTATIONS
- MAINTENANCE OF COMMERCIAL AND RESIDENTIAL GREEN SPACES
- CREATION AND MAINTENANCE OF PATHS/ TRAILS
- MAINTENANCE OF POWER LINES, OIL- AND GAS PIPELINES
- MAINTENANCE OF ROADSIDES AND RAILROADS

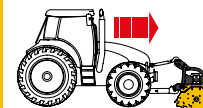
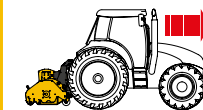








# SS-FORREST



**FORESTRY SERIES**





# A VERSATILE MACHINE

The new evolution of Forestry mulcher for branches and shrubs up to 15 cm in diameter, but also evolved for needs in shredding of orchards and vineyard pruning residues whilst coupled with low-power tractors.

The new FTL rotor, thanks to its **"Flanges Tool Limiter" technology**, ensures excellent performances and speed with less power requested. This system is provided with steel flanges which limit the tools' working depth, reducing the requested power and still guaranteeing high performances.

Equipped with screwed and interchangeable adjustable support slides, with four rows of counter-knives, it guarantees a fine and homogeneous shredding, with hydraulically adjustable hood opening and monolithic body completely in 6 mm HARDOX®.

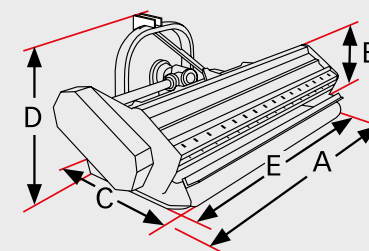
Double row of screwed chains limits the escape of shredded material protecting the operator.

Fitted with mechanically adjustable Arch for pushing down branches as well as protecting the tractor and also helps feed the material into the rotor for shredding.



50 - 110 HP

OVERGROWN VEGETATION,  
BRANCHES, SHRUBS



SS-FORREST	A cm	B cm	C cm	D cm	E cm
140	174	50	101	100	150
175	198	50	101	100	174
200	222	50	101	100	198



PTO 540  
DIRECTION OF ROTATION OF P.T.O.



PTO 1000  
DIRECTION OF ROTATION OF P.T.O.

## STRENGTH POINTS



maximum cutting  
Ø 15 cm



**NEW**  
ROTOR WITH "FLANGES TOOL  
LIMITER" (FTL) TECHNOLOGY



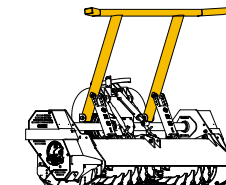
MONOCOQUE FRAME  
IN HARDOX





DOUBLE FREE WHEEL  
IN THE GEAR BOX  
(only PTO 1000 rpm)



4 BARS OF COUNTER-KNIVES



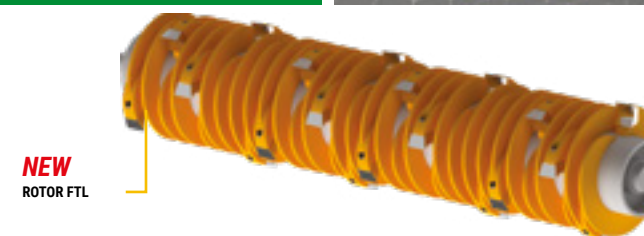
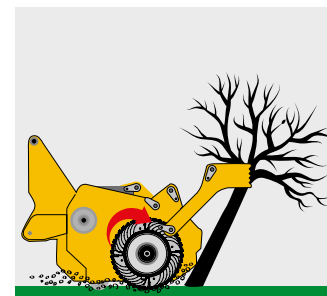
MECHANICALLY ADJUSTABLE  
ARCH FOR PUSHING DOWN  
BRANCHES (optional)

SS-FORREST		150	175	200
TECHNICAL SPECIFICATIONS				
Working width		150 cm   59"	174 cm   68,5"	198 cm   77,9"
Machine weight		780 / 855 kg   1720 / 1885 lbs	860 / 935 kg   1895 / 2061 lbs	915 / 990 kg   2018 / 2183 lbs
Maximum cutting capacity Ø		15 cm   5,9"	15 cm   5,9"	15 cm   5,9"
Tools	 Hammers	N° 28	N° 32	N° 36
	A	324 mm   12,7"	324 mm   12,7"	324 mm   12,7"
	B	369 mm   14,6"	369 mm   14,6"	369 mm   14,6"
N° cinghie		4	6	6
CAT.		II	II	II
RPM PTO	540 <b>standard</b> <small>Rotor revolutions / peripheral tool speed</small>	2531 rpm 48,9 m/sec	2531 rpm 48,9 m/sec	2531 rpm 48,9 m/sec
HP max trasmissione		100 hp	110 hp	110 hp
RPM PTO	1000 <b>optional</b> <small>Rotor revolutions / peripheral tool speed</small>	2531 rpm 48,9 m/sec	2531 rpm 48,9 m/sec	2531 rpm 48,9 m/sec
HP max transmission		100 hp	110 hp	110 hp
Utilization		rear mounted / rear pushed (reverse drive) / front pushed		

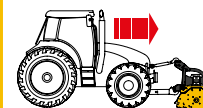
SS-FORREST		150	175	200
MACHINE				
Monocoque frame in Hardox th.6 mm		✓	✓	✓
Hydraulic rear tailgate		✓	✓	✓
Hydraulic pipes protected inside the frame		✓	✓	✓
Adjustable height skids		✓	✓	✓
Double row of front and rear chains		✓	✓	✓
4 Bars of counter - knife		✓	✓	✓
Reflectors		✓	✓	✓
PTO revolution with frontal hitch		✓ with optional PTO 1000 rpm	✓ with optional PTO 1000 rpm	✓ with optional PTO 1000 rpm
Mechanically adjustable arch for pushing down branches		•	•	•
TRANSMISSION				
Double freewheel gearbox (only PTO 1000 rpm)		✓	✓	✓
Oscillating bearings with double column of balls		✓	✓	✓
Automatic belt tensioner		✓	✓	✓
Hexalobe cardan shaft		•	•	•
PTO 1000 rpm		•	•	•

# SS-FORREST

## FORESTRY SERIES







# BEARS FORREST

## FORESTRY SERIES





# BEARS FORREST

## FORESTRY SERIES

## EVOLUTION

Machine with specially reinforced frame to withstand the axial loads caused by the movement of the tractor in extreme conditions. Mulchers designed for all shredding operations of bushes, branches, and trees up to a maximum diameter of 18/20 cm depending on the condition of the product to be shredded. Fitted with octagonal forest type rotor with retractable forged hammers.

Machine equipped with screw adjustable and interchangeable side skids, with two rows of counter-knives that ensure fine and homogeneous shredding and hydraulic adjustment of the hood.

Double Hardox frame, completely closed to minimise dust, and with integrated protected hydraulic cylinder, double Hardox frame, completely closed / dustproof. Double row of front protection chains, with screwed plates that limit the escape of shredded material and protect the operator and the tractor / cabin.

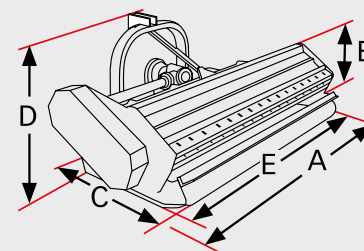
Fitted with mechanically adjustable Arch for pushing down branches as well as protecting the tractor and also helps feed the material into the rotor for better shredding.

Double-edged tools that can be reversed when worn for extended life.



75 - 140 HP

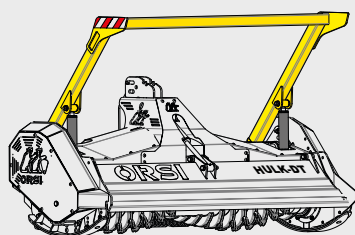
**OVERGROWN VEGETATION,  
BRANCHES, SHRUBS**



BEARS FORREST	A cm	B cm	C cm	D cm	E cm
140	180	53	118	113	148
170	202	53	118	113	170
210	224	53	118	113	192
255	252	53	118	113	223



DIRECTION OF ROTATION OF P.T.O.



**ADJUSTABLE ARCH FOR  
PUSHING DOWN BRANCHES**



## STRENGTH POINTS



**maximum cutting  
Ø 18/20 cm**



**OCTAGONAL ROTOR WITH  
RETRACTABLE FORGED HAMMERS**



**DOUBLE HARDOX SKIN**



**DOUBLE FREE WHEEL  
IN THE GEAR BOX**





**SPHERICAL ROLLER BEARINGS  
ON DOUBLE ROLLERS ROW**



**DOUBLE-EDGE  
REINFORCED HAMMER**



BEARS FORREST		140	170	210	255
TECHNICAL SPECIFICATIONS					
Working width		148 cm   58,3"	170 cm   66,9"	192 cm   75,6"	223 cm   87,8"
Machine weight		1200/1350 kg   2645/2976 lbs	1300/1470 kg   2866/3240 lbs	1370/1520 kg   3020/3351 lbs	1550/1700 kg   3417/3748 lbs
Maximum cutting capacity Ø		18/20 cm   7,1"/7,8"	18/20 cm   7,1"/7,8"	18/20 cm   7,1"/7,8"	18/20 cm   7,1"/7,8"
Tools 	Hammers <b>Kg 1,75</b>	N° 24	N° 28	N° 32	N° 40
	A	350x8 mm   13,8"x0,32"	350x8 mm   13,8"x0,32"	350x8 mm   13,8"x0,32"	350x8 mm   13,8"x0,32"
	B	450 mm   17,7"	450 mm   17,7"	450 mm   17,7"	450 mm   17,7"
N° belts		5	6	6	6
CAT.		II	II	II	II
RPM PTO	540 <b>standard</b>	Rotor revolutions / peripheral tool speed 2025 rpm 47,68 m/sec	2025 rpm 47,68 m/sec	2025 rpm 47,68 m/sec	1620 rpm 38,15 m/sec
HP max trasmissione		90 hp	110 hp	110 hp	110 hp
RPM PTO	1000 <b>optional</b>	Rotor revolutions / peripheral tool speed 2025 rpm 47,68 m/sec	2025 rpm 47,68 m/sec	2025 rpm 47,68 m/sec	1620 rpm 38,15 m/sec
HP max transmission		130 hp	140 hp	140 hp	140 hp
Utilization		rear mounted / rear pushed (reverse drive) / front pushed			

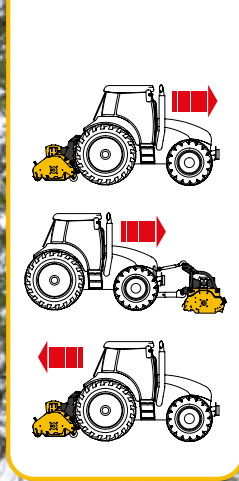
BEARS FORREST	140	170	210	255
MACHINE				
Octagonal rotor with retractable forged hammers	✓	✓	✓	✓
Double frame in Hardox	✓	✓	✓	✓
Hardox counter-knives	✓	✓	✓	✓
Hydraulic rear tailgate	✓	✓	✓	✓
Bonnet with a double row of protective chains	✓	✓	✓	✓
Adjustable height skids in Hardox steel	✓	✓	✓	✓
Completely closed and dustproof frame	✓	✓	✓	✓
Double row of protective chains with screwed flaps	✓	✓	✓	✓
PTO revolution with frontal hitch	✓ with optional PTO 1000 rpm	✓ with optional PTO 1000 rpm	✓ with optional PTO 1000 rpm	✓ with optional PTO 1000 rpm
Reflectors	✓	✓	✓	✓
Mechanically adjustable arch for pushing down branches	✓	✓	✓	✓
Hydraulically adjustable arch for pushing down branches	•	•	•	•
TRANSMISSION				
Double freewheel gearbox	✓	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓	✓
Automatic belt tensioner	✓	✓	✓	✓
Hexalobe cardan shaft	•	•	•	•
PTO 1000 rpm	•	•	•	•

# BEARS FORREST

## FORESTRY SERIES







# HULK FORREST

## FORESTRY SERIES





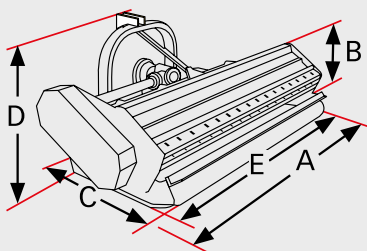
# HULK FORREST

## FORESTRY SERIES



80 - 160 HP

**OVERGROWN VEGETATION,  
BRANCHES, SHRUBS**



HULK FORREST	A cm	B cm	C cm	D cm	E cm
170	202	53	118	113	170
210	224	53	118	113	192
255	252	53	118	113	223



DIRECTION OF ROTATION OF P.T.O.

## NEW UNIVERSE

**Mulchers designed for all shredding operations of bushes, branches and trees up to a maximum diameter of 25 cm, fitted with helical forestry rotor Ø 450 mm with fixed tools.**

The specially reinforced frame built to withstand the axial loads caused by the movement of the tractor in demanding conditions is equipped with screw adjustable and interchangeable support skids, with two rows of HARDOX® counter-knives that guarantee a fine and homogeneous shredding. The Double HARDOX® frame complete with hydraulic adjustable hood incorporates the integrated and protected hydraulic cylinder.

Double row of front protection chains, with screwed plates that limit the escape of shredded material and protect the operator and the tractor / cab.

Fitted with mechanically adjustable Arch for pushing down branches as well as protecting the tractor and helping feed the material into the rotor for better shredding. On request it can also be hydraulically operated for greater ease of use and comfort.

Fixed tools in wear resistant tungsten carbide for highly professional and difficult jobs.



### STRENGTH POINTS



maximum cutting  
Ø 25 cm



HELICAL FORESTRY  
ROTOR Ø 450 mm



DOUBLE HARDOX SKIN



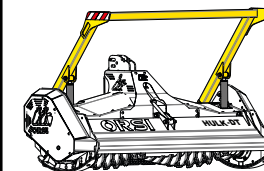
DOUBLE FREE WHEEL  
IN THE GEAR BOX



TUNGSTEN CARBIDE  
FIXED TOOLS



SPHERICAL ROLLER BEARINGS  
ON DOUBLE ROLLERS ROW



ADJUSTABLE ARCH FOR  
PUSHING DOWN BRANCHES

HULK FORREST		170	210	255
TECHNICAL SPECIFICATIONS				
Working width		170 cm   66,9"	192 cm   75,6"	220 cm   86,6"
Machine weight		1480/1630 kg   3263/3594 lbs	1590/1740 kg   3505/3836 lbs	1680/1830 kg   3703/4035 lbs
Maximum cutting capacity Ø		25 cm   9,8"	25 cm   9,8"	25 cm   9,8"
Tools 	Hammers <b>Kg 1,6</b>	N° 36	N° 40	N° 48
	A	219x20 mm   8,6"x0,8"	219x20 mm   8,6"x0,8"	219x25 mm   8,6"x1"
	B	455 mm   17,9"	455 mm   17,9"	455 mm   17,9"
N° belts		2 Powerband Triplex	2 Powerband Triplex	2 Powerband Triplex
CAT.		II	II	II
RPM PTO	540 <b>standard</b>	Rotor revolutions / peripheral tool speed	2025 rpm 47,68 m/sec	1620 rpm 38,50 m/sec
HP max trasmissione		110 hp	110 hp	110 hp
RPM PTO	1000 <b>optional</b>	Rotor revolutions / peripheral tool speed	2025 rpm 47,68 m/sec	1620 rpm 38,50 m/sec
HP max transmission		140 hp	140 hp	140 hp
Utilization		rear mounted / rear pushed (reverse drive) / front pushed		

HULK FORREST		170	210	255
MACHINE				
Helical forest rotor Ø 450mm with fix tools in tungsten		✓	✓	✓
Double frame in Hardox steel		✓	✓	✓
Hardox counter-knives		✓	✓	✓
Hydraulic rear tailgate		✓	✓	✓
Bonnet with a double row of protective chains		✓	✓	✓
Adjustable height skids in Hardox steel		✓	✓	✓
Completely closed and dustproof frame		✓	✓	✓
Double row of protective chains with screwed flaps		✓	✓	✓
Reflectors		✓	✓	✓
Mechanically adjustable arch for pushing down branches		✓	✓	✓
PTO revolution with frontal hitch		✓ with optional PTO 1000 rpm	✓ with optional PTO 1000 rpm	✓ with optional PTO 1000 rpm
Skids		•	•	•
Hydraulically adjustable arch for pushing down branches		•	•	•
TRANSMISSION				
Double freewheel gearbox		✓	✓	✓
Oscillating bearings with double column of balls		✓	✓	✓
Double rotor support		✓	✓	✓
Automatic belt tensioner		✓	✓	✓
Hexalobe cardan 1" 3/8 Z6 + 1" 3/8 Z6		•	•	•
PTO 1000 rpm		•	•	•

# HULK FORREST

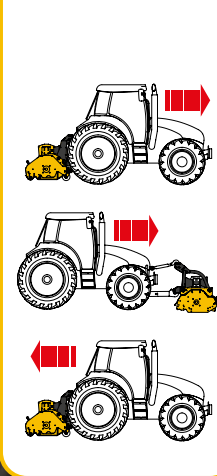
## FORESTRY SERIES





# HULK FORREST-DT

FORESTRY SERIES



**HARDOX®**  
IN MY BODY

MY INNER +  
**STRENX®**





# HULK FORREST-DT

## FORESTRY SERIES

## NEW UNIVERSE AND POWERFUL

Mulchers designed for all shredding operations of bushes, branches and trees up to a maximum diameter of 25 cm, fitted with helical forestry rotor Ø 450 mm with fixed tools.

The specially reinforced frame built to withstand the axial loads caused by the movement of the tractor in demanding conditions is equipped with screw adjustable and interchangeable support skids, with two rows of HARDOX® counter-knives that guarantee a fine and homogeneous shredding. The Double HARDOX® frame complete with hydraulic adjustable hood incorporates the integrated and protected hydraulic cylinder

Double row of front protection chains, with screwed plates that limit the escape of shredded material and protect the operator and the tractor / cab. Fitted with mechanically adjustable Arch for pushing down branches as well as protecting the tractor and helping feed the material into the rotor for better shredding. On request it can also be hydraulically operated for greater ease of use and comfort.

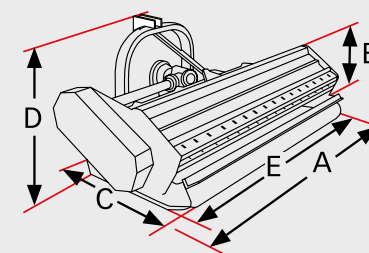
Fixed tools in wear resistant tungsten carbide for highly professional and difficult jobs. The DT series is the machine with double transmission that allows the rotor to work with an improved power distribution, ensuring high performance and maximum mechanical resistance when cutting high dimensions.

Developed for professionals' people looking for the complete machine.



80 - 160 HP

**OVERGROWN VEGETATION,  
BRANCHES, SHRUBS**



HULK FORREST-DT	A cm	B cm	C cm	D cm	E cm
210 DT	233	83	118	113	192
255 DT	250	83	118	113	220



DIRECTION OF ROTATION OF P.T.O.



### STRENGTH POINTS



**maximum cutting  
Ø 25 cm**



**HELICAL FORESTRY ROTOR  
Ø 450 mm**



**DOUBLE HARDOX SKIN**



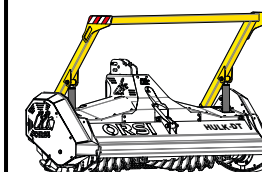
**FREE WHEEL  
IN THE GEAR BOX**



**TUNGSTEN CARBIDE  
FIXED TOOLS**





**SPHERICAL ROLLER BEARINGS  
ON DOUBLE ROLLERS ROW**



**ADJUSTABLE ARCH FOR  
PUSHING DOWN BRANCHES**



HULK FORREST-DT			210 DT	255 DT
TECHNICAL SPECIFICATIONS				
Working width			192 cm   75,6"	220 cm   86,7"
Machine weight			1690/1840 kg   3726/4056 lbs	1800/1950 kg   3968/4299 lbs
Maximum cutting capacity Ø			25 cm   9,8"	25 cm   9,8"
tools 	hammers <i>Kg 1,6</i>		N° 40	N° 48
	A		219x20 mm   8,6"x0,8"	219x25 mm   8,6"x1"
	B		455 mm   17,9"	455 mm   17,9"
N° belts			6+6	2+2 Poweband
CAT.			II	II
RPM PTO	1000 <i>standard</i>	Rotor revolutions / peripheral tool speed	1460 rpm 35 m/sec	1460 rpm 35 m/sec
HP max transmission			160 hp	160 hp
Utilization			rear mounted / rear pushed (reverse drive) / front pushed	

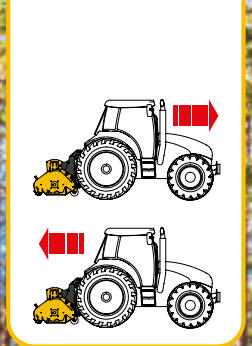
HULK FORREST-DT		210 DT	255 DT
MACHINE			
Helical forestry rotor Ø 450 mm with special tungsten fixed tools		✓	✓
Double frame in Hardox steel		✓	✓
Hardox counter-knives		✓	✓
Hydraulic rear tailgate		✓	✓
Bonnet with a double row of protective chains		✓	✓
Adjustable height skids in Hardox steel		✓	✓
Completely closed and dustproof frame		✓	✓
Double row of protective chains with screwed flaps		✓	✓
Reflectors		✓	✓
Mechanically adjustable arch for pushing down branches		✓	✓
Skids		•	•
Hydraulically adjustable arch for pushing down branches		•	•
PTO revolution with frontal hitch		•	•
TRANSMISSION			
Double transmission		✓	✓
Double free wheel in the gear box		✓	✓
Oscillating bearings with double column of balls		✓	✓
Double rotor support		✓	✓
Automatic belt tensioner		✓	✓
Hexalobe cardan shaft 1" 3/4 Z6 + 1" 3/8 Z6 TRACTOR SIDE		•	•
Pto shaft with overload 1" 3/4 - 1" 3/8		•	•

# HULK FORREST-DT

## FORESTRY SERIES







# WILD FORREST-DT

FORESTRY SERIES





# WILD FORREST-DT

## FORESTRY SERIES

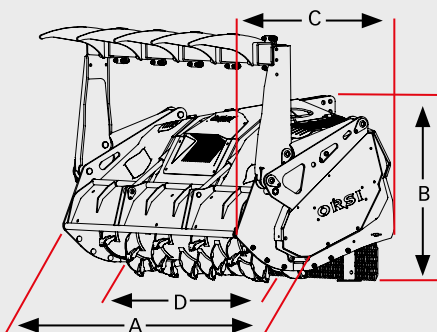


160 - 240 HP



digging depth  
15 cm

LAND AND FIELD RECLAMATION, FOREST CLEARANCE,  
MAINTENANCE OF WILD AREAS, POWER LINES, FIRE  
LINES, BUSHES AND UNDERGROWTH



WILD FORREST-DT	A cm	B cm	C cm	D cm
200	231	125	150	207
225	255	125	150	226
250	295	125	150	254



DIRECTION OF ROTATION OF P.T.O.

## BORN WILD

A machine designed to have high productivity and high strength. Wild Forrest allows to shred plants and shrubs with trunks up to 30 cm in diameter, Ø 595 mm helical forest rotor with fixed tools.

The low weight makes it easy to handle even on sloping or hilly terrain, while the parallelism adjustment system between box, gears and cardan ensures a wider working angle of the cardan in all operating conditions, allowing the machine to work in multiple angles without damaging the tractor power take-off.

A machine equipped with screw adjustable (optional Hydraulically adjustable) interchangeable side skids, complete with HARDOX® counter-knives including one in the rear hood to guarantee a fine and homogeneous shredding. The Double HARDOX® frame complete with hydraulic adjustable hood incorporates the integrated and protected hydraulic cylinder

The completely closed / dustproof frame protects the components for better maintenance and durability.

With a double row of front protection chains, with screwed plates, they limit the escape of shredded material, protecting the operator and the tractor / cab.

The professional operator benefits from the Hydraulically adjusted Arch for pushing down branches, whilst helping to convey the material in to the rotor for shredding. On request it can also be equipped with RIPPER-type rakes that help the alignment of the trees / branches to be shredded once felled. The residue can be raked for final shredding.

Double hydrodynamic joints on request that avoid overloading the tractor engine and protect the transmission, thus increasing the performance of the machine to facilitate starting the operations.

The DT machine has double transmission that allows the rotor to work with an improved power distribution, ensuring high performance when cutting larger dimensions.

Fixed tools in wear resistant tungsten carbide for highly professional and difficult jobs.

## STRENGTH POINTS



maximum cutting  
Ø 30 cm



HELICAL FORESTRY  
ROTOR Ø 595 mm



DOUBLE HARDOX SKIN



DOUBLE HYDRODYNAMIC  
TRANSMISSION (optional)  
prevent tractor engine overload and also  
protects the transmission



TUNGSTEN CARBIDE  
FIXED TOOLS





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



ADJUSTABLE GEARBOX ALIGNMENT TO  
MINIMISE PTO SHAFT ANGLES (optional)  
mulcher to work in greater angled positions without  
damaging the PTO

WILD FORREST-DT	200	225	250
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#### TECHNICAL SPECIFICATIONS

Working width	204 cm   80,4"	228 cm   89,8"	255 cm   100,4"
Overall width	231 cm   91"	255 cm   100,3"	295 cm   116,2"
Machine weight	2340/2730 kg   5159/6018 lbs	2590/2980 kg   5710/6570 lbs	2660/3050 kg   5865/6725 lbs
Maximum cutting capacity Ø	30 cm   11,8"	30 cm   11,8"	30 cm   11,8"
Tools 	Hammers Kg 1,6	N° 44	N° 48
	A	355 x 20 mm   13,9"x0,8"	355 x 20 mm   13,9"x0,8"
	B	590 mm   23,3"	590 mm   23,3"
N° toothed carbon belts	2	2	2
CAT.	II - III	II - III	II - III
RPM PTO <b>540 standard</b>	Rotor revolutions / peripheral tool speed	801 rpm 24.90 m/sec	801 rpm 24.90 m/sec
HP max transmission	180 hp	180 hp	180 hp
RPM PTO <b>1000 standard</b>	Rotor revolutions / peripheral tool speed	1484 rpm 46.15 m/sec	1484 rpm 46.15 m/sec
HP max transmission	240 hp	240 hp	240 hp
Utilization	rear mounted		

WILD FORREST-DT	200	225	250
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#### MACHINE

Wear plate in hardox steel (double skin) replaceable	✓	✓	✓
Hardox counter-knives	✓	✓	✓
Hardox counter-knife in the rear bonnet	✓	✓	✓
Special tungsten fixed tools	✓	✓	✓
Hydraulic rear bonnet	✓	✓	✓
Fully enclosed frame / dustproof	✓	✓	✓
Centralized lubrication	✓	✓	✓
Hydraulic hoses integrated into the frame	✓	✓	✓
Double row of protection chains with screwed plates	✓	✓	✓
Height-adjustable skids	✓	✓	✓
Hydraulically adjustable branch breaker	✓	✓	✓
Hydraulic cylinders incorporated in the frame (for greater reliability)	✓	✓	✓
Skids	•	•	•
Skids hydraulically adjustable	•	•	•
Rakes "Ripper" branch breaker	•	•	•
Rear packer roller hydraulically adjustable	•	•	•
Frontal hydraulic flap for a better shredding of the material	•	•	•

#### TRANSMISSION

Double transmission with cardan shafts	✓	✓	✓
Double rotor support	✓	✓	✓
Oscillating bearings with double column of balls	✓	✓	✓
Transmission with toothed pulleys and Poly Chain® carbon belts	✓	✓	✓
Cardan shaft with hardened star-section tubes 1"3/4 Z6 tractor side and automatic torque limiter	✓	✓	✓
Cardan shaft with hardened star-section tubes 1"3/4 Z20 tractor side and automatic torque limiter	•	•	•
Double Hydrodynamic transmission (prevent tractor engine overload and also protects the transmission)	•	•	•
Adjustable Gearbox alignment to minimise PTO shaft angles (allows the mulcher to work in greater angled positions without damaging the PTO)	•	•	•

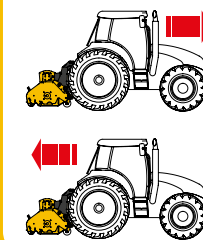
# WILD FORREST-DT

## FORESTRY SERIES



RAKES "RIPPER" BRANCH BREAKER





**HARDOX®**  
IN MY BODY

MY INNER +  
**STRENX®**

# MULTI WILD FORREST-DT

**FORESTRY SERIES**





# MULTI WILD FORREST-DT

FORESTRY SERIES

## UNIVERSAL & WILD

A machine designed to have high productivity and high strength. Wild Forrest allows to shred plants and shrubs with trunks up to 30 cm in diameter, Ø 595 mm helical forest rotor with fixed tools.

The low weight makes it easy to handle even on sloping or hilly terrain, while the parallelism adjustment system between box, gears and cardan ensures a wider working angle of the cardan in all operating conditions, allowing the machine to work in multiple angles without damaging the tractor power take-off.

A machine equipped with screw adjustable (optional Hydraulically adjustable) interchangeable side skids, complete with HARDOX® counter-knives including one in the rear hood to guarantee a fine and homogeneous shredding. The Double HARDOX® frame complete with hydraulic adjustable hood incorporates the integrated and protected hydraulic cylinder.

The completely closed / dustproof frame protects the components for better maintenance and durability.

With a double row of front protection chains, with screwed plates, they limit the escape of shredded material, protecting the operator and the tractor / cab.

The professional operator benefits from the Hydraulically adjusted Arch for pushing down branches, whilst helping to convey the material in to the rotor for shredding. On request it can also be equipped with RIPPER-type rakes that help the alignment of the trees / branches to be shredded once felled. The residue can be raked for final shredding.

The DT machine has double transmission that allows the rotor to work with an improved power distribution, ensuring high performance when cutting larger dimensions.

Fixed tools in wear resistant tungsten carbide for highly professional and difficult jobs.

MULTI WILD FORREST has the packer type rear roller with beveled teeth and with hydraulic adjustment cylinders incorporated into the machine structure for best protection.

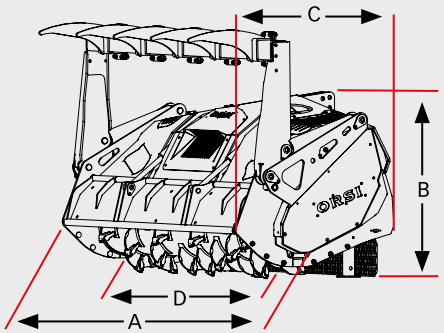


250 - 400 HP



digging depth  
30 cm

LAND AND FIELD RECLAMATION, FOREST CLEARANCE,  
MAINTENANCE OF WILD AREAS, POWER LINES, FIRE  
LINES, BUSHES AND UNDERGROWTH



MULTI WILD FORREST-DT	A cm	B cm	C cm	D cm
200	231	125	150	207
225	255	125	150	226
250	295	125	150	254



DIRECTION OF ROTATION OF P.T.O.

### STRENGTH POINTS



maximum cutting  
Ø 30 cm



HELICAL FORESTRY  
ROTOR Ø 595 mm



DOUBLE HARDOX SKIN



TUNGSTEN CARBIDE  
FIXED TOOLS





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



ADJUSTABLE GEARBOX ALIGNMENT TO  
MINIMISE PTO SHAFT ANGLES  
mulcher to work in greater angled positions without  
damaging the PTO (optional)

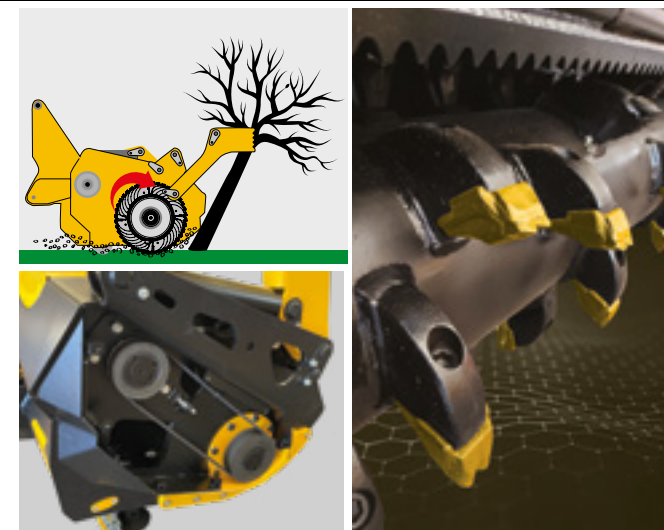


MULTI WILD FORREST-DT		200	225	250
TECHNICAL SPECIFICATIONS				
Working width		207 cm   80"	226 cm   89,7"	254 cm   100,4"
Overall width		231 cm   91"	255 cm   100,3"	295 cm   116,2"
Machine weight		2740/3040 kg   6041/6702 lbs	2930/3230 kg   6460/7121 lbs	3160/3460 kg   6966/7628 lbs
Maximum cutting capacity Ø		30 cm   11,8"	30 cm   11,8"	30 cm   11,8"
Tools 	Hammers Kg 1,6	N° 44	N° 48	N° 54
	A	355 x 20 mm   13,9"x0,8"	355 x 20 mm   13,9"x0,8"	355 x 20 mm   13,9"x0,8"
	B	590 mm   23,3"	590 mm   23,3"	590 mm   23,3"
N° toothed carbon belts		2	2	2
CAT.		II-III	II-III	II-III
RPM PTO	540 <b>standard</b> Rotor revolutions / peripheral tool speed	801 rpm 24.90 m/sec	801 rpm 24.90 m/sec	801 rpm 24.90 m/sec
HP max trasmissione		280 hp	280 hp	280 hp
RPM PTO	1000 <b>standard</b> Rotor revolutions / peripheral tool speed	1484 rpm 46.15 m/sec	1484 rpm 46.15 m/sec	1484 rpm 46.15 m/sec
HP max transmission		390 hp	390 hp	390 hp
Utilization		rear mounted		

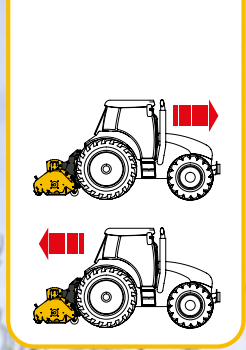
MULTI WILD FORREST-DT		200	225	250
MACHINE				
Wear plate in hardox steel (double skin) replaceable		✓	✓	✓
Hardox counter-knives		✓	✓	✓
Hardox counter-knife in the rear bonnet		✓	✓	✓
Special tungsten fixed tools		✓	✓	✓
Hydraulic rear bonnet		✓	✓	✓
Fully enclosed frame / dustproof		✓	✓	✓
Centralized lubrication		✓	✓	✓
Hydraulic hoses integrated into the frame		✓	✓	✓
Double row of protection chains with screwed plates		✓	✓	✓
Height-adjustable skids		✓	✓	✓
Rear Packer roller hydraulically adjustable		✓	✓	✓
Hydraulic cylinders incorporated in the frame (for greater reliability)		✓	✓	✓
Skids		•	•	•
Skids hydraulically adjustable		•	•	•
Rakes "Ripper" branch breaker		•	•	•
Frontal hydraulic flap for a better shredding of the material		•	•	•
TRANSMISSION				
Double transmission with cardan shafts		✓	✓	✓
Double rotor support		✓	✓	✓
Oscillating bearings with double column of balls		✓	✓	✓
Transmission with toothed pulleys and Poly Chain® carbon belts		✓	✓	✓
Cardan shaft with hardened star-section tubes 1"3/4 Z20 tractor side and automatic torque limiter		✓	✓	✓
Adjustable Gearbox alignment to minimise PTO shaft angles (allows the mulcher to work in greater angled positions without damaging the PTO)		•	•	•

# MULTI WILD FORREST-DT

## FORESTRY SERIES







# SUPER FORREST

## FORESTRY SERIES





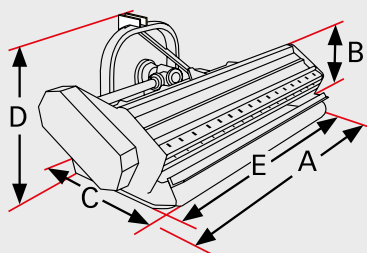
# SUPER FORREST

## FORESTRY SERIES



325 - 550 HP

**OVERGROWN VEGETATION,  
BRANCHES, SHRUBS**



SUPER FORREST	A cm	B cm	C cm	D cm	E cm
2600	299	110	140	110	260



DIRECTION OF ROTATION OF P.T.O.

## PURE POWER

Forestry Mulcher for high power tractors with a high shredding demand up to 45 cm in diameter. With a 638 mm diameter rotor, the largest in our product range, **SUPER FORREST** is ideal for professionals looking for solutions for the toughest jobs.

Counter knives and depth side skids in HARDOX®, it can reach a maximum working depth of about 10 cm.

Transmission gear - box with hydraulic self-alignment, double-belt transmission and hydraulically adjusted to help down branches, it is the high power machine for tractors from 250 hp to 500 hp.

The machine can also work at a 90° angle, making it a wall against the product for even better shredding and pushing.

Ideal for extreme conditions when operated with the very high powered tractors!



## STRENGTH POINTS



maximum cutting  
Ø 45 cm



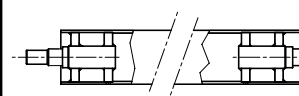
HELICAL FORESTRY  
ROTOR Ø 638 mm



DOUBLE HARDOX SKIN



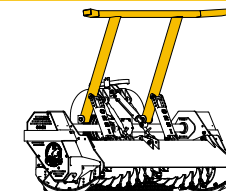
DOUBLE FREE WHEEL  
IN THE GEAR BOX





DOUBLE ROTOR SUPPORT



TUNGSTEN CARBIDE  
FIXED TOOLS



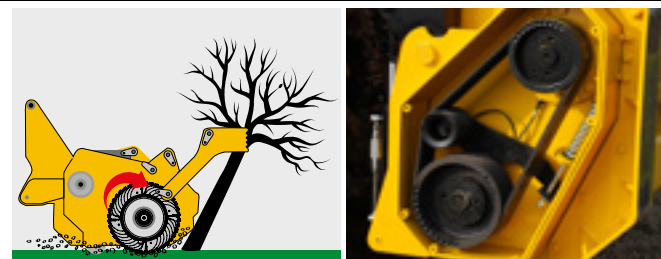
HYDRAULICALLY ADJUSTABLE ARCH  
FOR PUSHING DOWN BRANCHES

SUPER FORREST		2600
TECHNICAL SPECIFICATIONS		
Working width		260 cm   102,4"
Machine weight		4440 kg   9788 lbs
Maximum cutting capacity Ø		45 cm   17,7"
Tools 	threaded insert <b>Kg 1,6</b>	N° 83
	A	406x25 mm   16"x1"
	B	638 mm   25,2"
N° belts <b>Kevlar</b>		3+3 Poweband
CAT.		III
Rpm 1000 (1" 3/4 Z 20 DIN 9611)		1330 rpm - 42 m/sec
HP max transmission		265 hp
Utilization		rear mounted

SUPER FORREST		2600
MACHINE		
Monocoque frame in steel mm th. 15 mm		✓
Hardox counter-knives		✓
Special tungsten fixed tools		✓
Hydraulic rear tailgate		✓
Fixed leveling skids in Hardox		✓
Centralized lubrication		✓
Front protection chains		✓
Hydraulically adjustable arch for pushing down branches		✓
Reflectors		✓
Depth hardox side skids - cm 15		•
TRANSMISSION		
Double rotor support		✓
Multiplier with free wheel		✓
Double belt transmission with automatic Belts tensioner		✓
Oscillating bearings with double column of balls		✓
Hydraulic self-alignment of the gearbox		✓
Cardan shaft with hardened star-section tubes 1"3/4 Z20 and automatic torque limiter		•

# SUPER FORREST

## FORESTRY SERIES





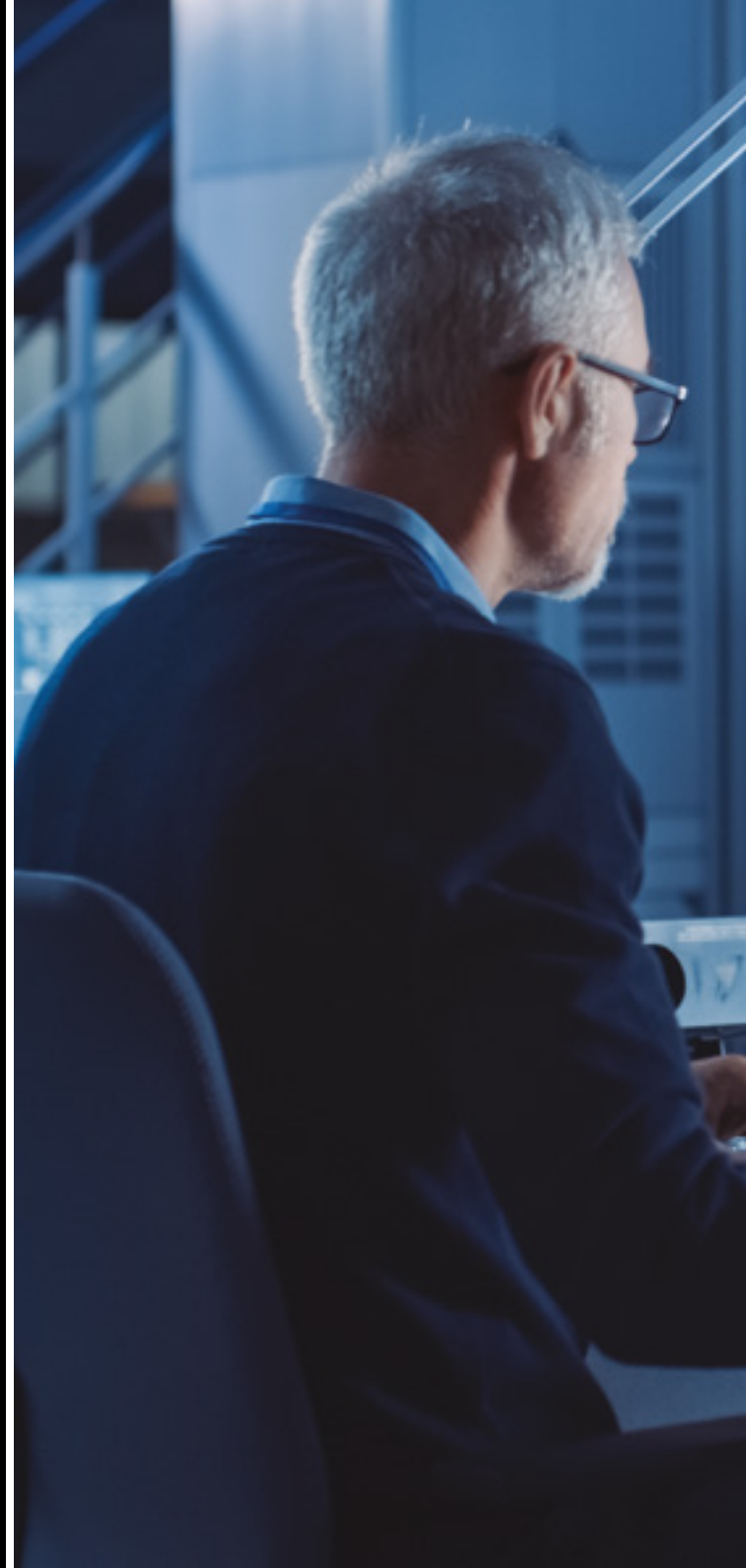
# WILD TO SURVIVE



# 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.







## 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.



## 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](http://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.





*" We first started to work with Orsi with the new forestry mulchers, and we are really satisfied, great company and a perfect service.*

*We also have to say that aesthetically they have done an astonishing job, congratulations! "*

**Rizzi Scagliarini**  
Argelato (BOLOGNA) Italia



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