

# MASCHIO





# MULCHERS

## MASCHIO MULCHERS, PERFORMING IN ANY CONDITION



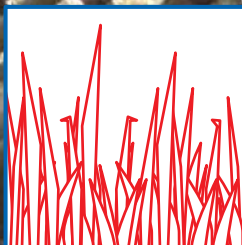
MASCHIO offers a wide range of mulchers suitable to fit the requirements of all users: from compact and light machines for gardening and green area maintenance, to professional straw choppers. All mulchers are featured by high standard quality and innovative technical solutions. Such a large set of possible configurations and models can help find the right solution to make every job profitable.





## Contents

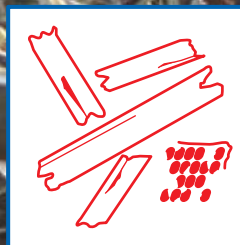
MASCHIO: high quality at any stage of production	4-5
Exclusive solutions to offer performance and reliability	6-7
Light duty mulcher up to 40 HP	8-9
Grass and pruning residue mulchers up to 80 HP	10-11
Versatile mulchers up to 140 HP	12-13
Reversible mulchers up to 200 HP	14-15
High chamber residue choppers up to 300 HP	16-19
Get the perfect cut with the right blade	20-21
Options for all needs	23



Green maintenance



Pruning residues



Crop residues



# MULCHERS

## MASCHIO: HIGH QUALITY AT ANY STAGE OF PRODUCTION

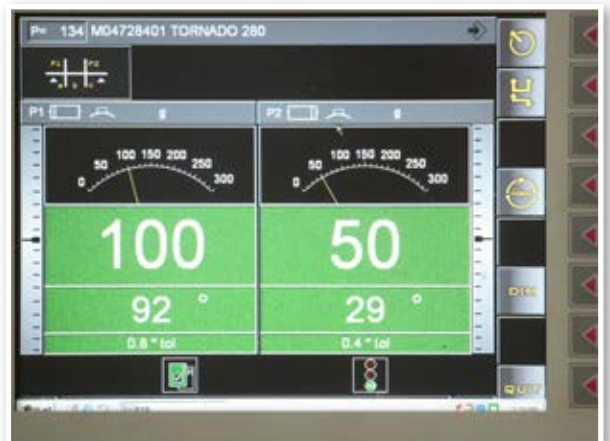


MASCHIO flail mower line is designed and manufactured with the best technology to always offer high performance and reliability on field. Quality is guaranteed from first choice raw materials and suppliers. In all MASCHIO plants the “state of the art” laser cutting and robot welding technologies are applied; severe quality testing always keeps the extremely high MASCHIO standard aligned.





Every single rotor is electronically balanced to reduce vibrations, power absorption, and extend machinery life.





# MULCHERS

## EXCLUSIVE SOLUTIONS TO OFFER PERFORMANCE AND RELIABILITY

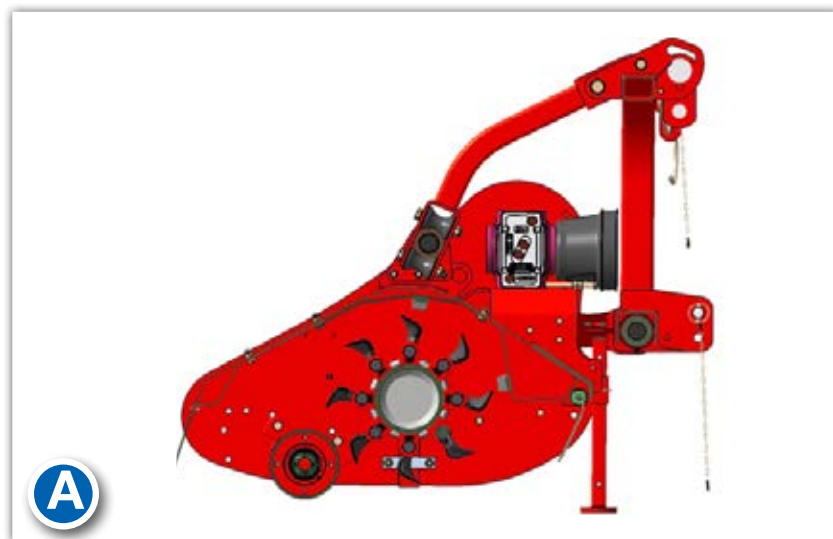
All MASCHIO flail mowers feature logical and user friendly solutions that help in normal use in the field and in daily maintenance. The machines are developed with a particular focus on sturdiness: many features have been designed to reduce mechanical stress as much as possible on the most critical components.



The hot pressed steel roller **supports** have a large diameter and are **installed in a well protected inner position** inside the flanks: This way the roller bearings are less likely to fail compared to ones mounted on external bearings, as generally done by many competitors.



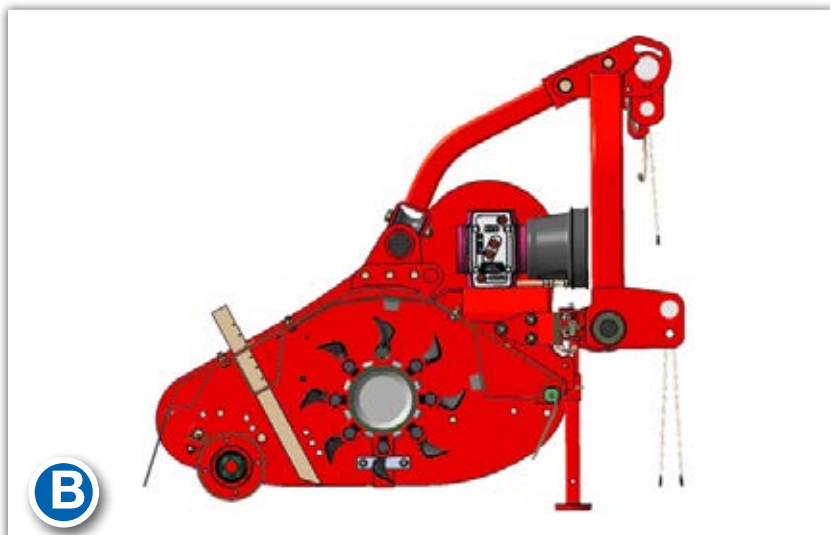
The **roller bearings** offer incomparable reliability. The special "barrel" casing confers self-orienting capacity and resistance to side loads: any mechanical stress or failure is prevented.



The cutting chamber was designed to improve shredding capacity thus allowing high operating speed. On all models a toothed **counter-blade is welded** inside for a higher chopping quality. The **roller can be installed in front (A)**



The belt tensioner ensures a smooth and a consistent power transfer, maximizing belt life.



or rear (B) position by a quick pin system: (A) configuration allows a self-cleaning effect, in the other position (B) is possible to install the collecting rakes kit to hold and chop better woody residues and convey them under the roller.



The special **8 row helical distribution** of blades reduces the power requirement and vibrations and at the same time improves efficiency in cutting grass, shrubs or wood (available on **BRAVA LARGE 230-250, CORAZZA, GIRAFFA, CHIARA, TORNADO, LEOPARD, GEMELLA**).



# LIGHT DUTY MULCHERS

## A PERFECT CUT

UP TO 40 HP



Compact, simple and versatile machines are the base of MASCHIO mulcher range: these models are the ideal pairing for low power tractors. The **JOLLY** rotary cutter is perfect for sport fields and municipalities. It is available in side or rear discard configuration allowing it to always maintain a uniform cutting height. The reversible mulcher **BIRBA** and **FURBA** gives an incomparable flexibility in use thanks to the light weight and the option to be rear or front mounted. The **FURBA** model features a mechanical side offset to make operations under tree lines easier.



**JOLLY:** The 4 pivoting wheels offer outstanding maneuverability on field and allow to setup cutting height extremely fast.

**FURBA:** Side offset with sliding bar guide.

**BIRBA:** Detail of the transmission with double front/rear 1000 rpm gearbox (optional).



# JOLLY



# BIRBA Ø 3/4"



# FURBA Ø 3/4"



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
100	26	16	16	24
120	30	18	18	30
140	34	23	18	38
160	34	30	18	46
180	34	36	18	52

## RANGE FEATURES

Model	JOLLY POST	JOLLY SIDE	BIRBA	FURBA
Working width	ft 4-5-6-7	4-5-6	3-3 ¾-4-4 ¾	3-3 ¾-4-4 ¾-5 ½
Total width	ft 4 ½-5 ½-6 ½-7 ½	4 ¾-5 ¾-6 ¾	3 ¾-4 ¼-5-5 ¾	3 ¾-4 ¼-5-5 ¾-6
Weight	lbs 367-422-500-811	367-422-511	400-445-489-533	433-476-524-555-573
Tractor power	hp 14-50	14-40	10-40	10-40
Category				
Tools (n.)	3-3-3-6	3-3-3	20-24-28-32	20-24-28-32-36
Tools type	mowing blade	mowing blade	"19"- "21"	hammers
RPM	540	540	540	540
Belts	—	—	2	2
Mech. offset	—	—	—	●
Hydr offset	—	—	—	○
Reversible	○	○	○	○
1000 RPM front/rear gearbox	—	—	○	○
Double skin	—	—	—	—
Double Counterblade	—	—	—	—
Collecting rakes	—	—	—	—
Pair of skids	—	—	●	●

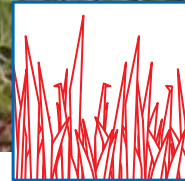
● standard ○ upon request — not available



# “PROFI LINE” MULCHERS

## UNSTOPPABLE AND STURDY

UP TO 80 HP



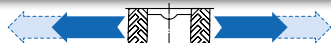
These MASCHIO Mulchers have been developed to offer machines suitable for cutting grass and woody residues. Wine and fruit growers have in these machine some very useful allied to keep clean the space between the tree lines and manage pruning residues.



**BARBI** and **BRAVA** are two rear mounted models with side mechanical offset. On Brava it is possible to install collecting rakes to improve the shredding effect of woody residues, accelerating their decomposition.



# BARBI Ø 1½"



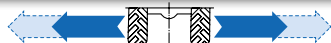
Mod.	MAX in.	MIN in.	MIN in.	MAX in.
100	24	16	16	24
120	30	18	18	30
140	34	23	18	38
160	34	30	18	46
180	34	36	18	52



# BRAVA Ø 2½"



200-230-250



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
120	24	-	-	24
140	34	23	18	38
160	34	30	18	46
180	34	36	18	52
200	39	39	23	55
230 L	48	33	42	58
250 L	54	38	47	63



## RANGE FEATURES

Model	BARBI	BRAVA	BRAVA L
Working width	ft 3-4-4 ½-5-5 ¾	4-4 ½-5-5 ¾-6 ½	7 ½-8 ½
Total width	ft 3 ¾-4 ¼-5-5 ¾-6	4 ¼-5-5 ¾-6-6 ¾	8-9
Weight	lbs 560-607-664-706-742	684-835-895-942-1017*	1256-1323*
Tractor power	hp 20-45	25-80	50-80
Category	I	I	I
Tools (n.)	14-16-20-22-24	12-14-16-20-22	26-28
Tools type	"18"- "20"	"08"- "10"	"08"- "10"
RPM	540	540	540
Belts	3	3-3-3-3-4	4-4
Mech. offset	●	●	○**
Hydr offset	○	○	○
Reversible	—	—	—
Double skin	—	○	—
Counterblade	—	○	—
Collecting rakes	—	○	—
Pair of skids	○	○	○

● standard ○ upon request — not available

\* Weight of fixed version (No offset)

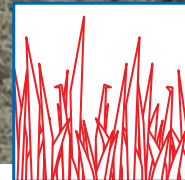
\*\*Available in fixed or mechanical offset version



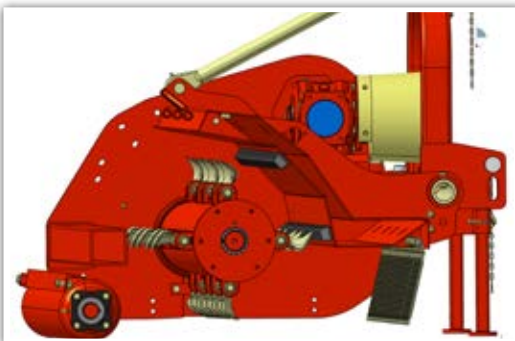
# MULTIPURPOSE MULCHERS

## UNSTOPPABLE AND STURDY

UP TO 140 HP



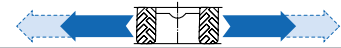
The multi-purpose mulchers have two key factors: extreme versatility and reliability. These models are suited for both cutting grass or working on fallow land with many shrubs and bushes. **CORAZZA** is a compact model equipped with all the features of the top range machines: working width varies from 5 to 7 ½ ft., side transmission is based on 4 robust toothed belts. **TIGRE** has been developed to offer even more sturdiness on harder conditions: the cutting chamber has a double skin design with double counter-blade welded in upper position to cope with most difficult chopping works.



**CORAZZA** is available both in rigid or offset version, **TIGRE** only in offset configuration. Upon request, hydraulic side offset is available on both models.

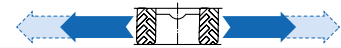


# CORAZZA Ø 4"



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
155 F	32	30	16	46
170 F	32	36	16	52
190 F	41	35	20	56
210 F	41	43	22	62
230 F	46	45	27	64
155 S	32	30	19	43
170 S	34	34	20	48
190 S	36	36	22	54
210 S	39	44	22	62
230 S	46	46	28	63

# TIGRE Ø 5"



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
210	47	36	28	56
230	52	38	32	58
250	57	45	38	65
280	63	47	43	66
300	63	55	43	75

## RANGE FEATURES

Model	CORAZZA		TIGRE	
Working width	ft	4 ¾-5 ½-6-6 ½-7 ½	ft	6 ½-7 ½-8 ¼-9-10
Total width	ft	5 ½-6-6 ¾-7 ¼-8	ft	7 ½-8 ¼-9-10-10 ½
Weight	lbs	1088-1144-1221-1299-1377*	lbs	1610-1688-1843-1943-2032*
Tractor power	hp	40-80	hp	55-140
Category	II		II	
Tools (n.)	16-18-20-22-24		16-20-20-24-24	
Tools type	"14" - "15"		"14" - "15"	
RPM	540		540	
Belts	4		5	
Mech. offset	○**		●	
Hydr offset	○		○	
Reversible	-		-	
Double skin	○		●	
Double Counterblade	○		●	
Collecting rakes	○		○	
Pivoting wheels	○		○	
Pair of skids	○		○	

● standard ○ upon request - not available

\* Weight of fixed version (No offset)

\*\*Available in fixed or mechanical offset version



# REVERSIBLE MULCHERS

## TWO MACHINES IN ONE!

UP TO 200 HP



Reversible mulchers can be used in a very wide range of applications: rear or front mounted and with different type of tractors. The symmetrical design of the three point hitch and the double front/rear 1000 rpm gearbox allow extremely quick changes in configuration.



**BISONTE** and **BUFALO** have been designed for sturdiness and safety during use: they both feature a 1000 rpm double gearbox and front protection by chains. the robust frame and transmission of the **BUFALO** model allow matching to high power tractors: making the machine suitable in front combination with other rear mounted implements (e.g. side mulcher, combined seed drills...).



# BELLA Ø 2 1/2"



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
135	33	21	17	37
155	33	29	17	45
170	38	30	23	45
190	38	38	23	53
210	38	45	23	61



# BISONTE Ø 5"



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
220	45	45	29	61
250	51	51	36	67
280	55	55	39	71
300	59	59	43	75



# BUFALO Ø 6"



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
250	51	31	48	67
280	55	35	56	70
300	61	41	61	81



## RANGE FEATURES

Model	BELLA	BISONTE	BUFALO
Working width	ft 4-4 3/4-5 1/2-6-6 1/2	7 1/2-8 1/4-9-10	8-9-10
Total width	ft 4 1/2-5 1/2-5 3/4-6 3/4-7 1/4	8 1/4-9-10-10 1/2	8 3/4-9 3/4-10 3/4
Weight	lbs 889-955-1044-1110-1177	1821-1972-2096-2209	2624-2756-2866
Tractor power	hp 30-80	50-110	100-200
Category	I	II	II-III
Tools (n.)	14-16-20-22-24	20-20-24-24	26-28-30
Tools type	"08" - "10"	"14" - "15"	"14" - "15"
RPM	540/1000 (opt)	1000 (540 opt)	1000
Belts	3-3-3-4-4	5	5-5-5
Mech. offset	●	—	—
Hydr offset	○	●	●
Reversible	○	●	●
Double skin	○	○	●
Double Counterblade	○	●	●
Collecting rakes	—	—	—
Pair of skids	○	●	●

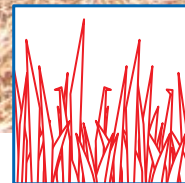
● standard ○ upon request — not available



# STRAW CHOPPERS

## LARGE CHAMBER, HIGH SPEED

UP TO 200 HP



The residue choppers are a perfect choice for an efficient crop residue management. The very high-clearance of the cutting chamber and a wide rolling-diameter rotor allow these machines to work in fields at high speeds with no downtimes for clogging at all. Main advantages from the use of these models come from higher productivity, fuel and labour savings.



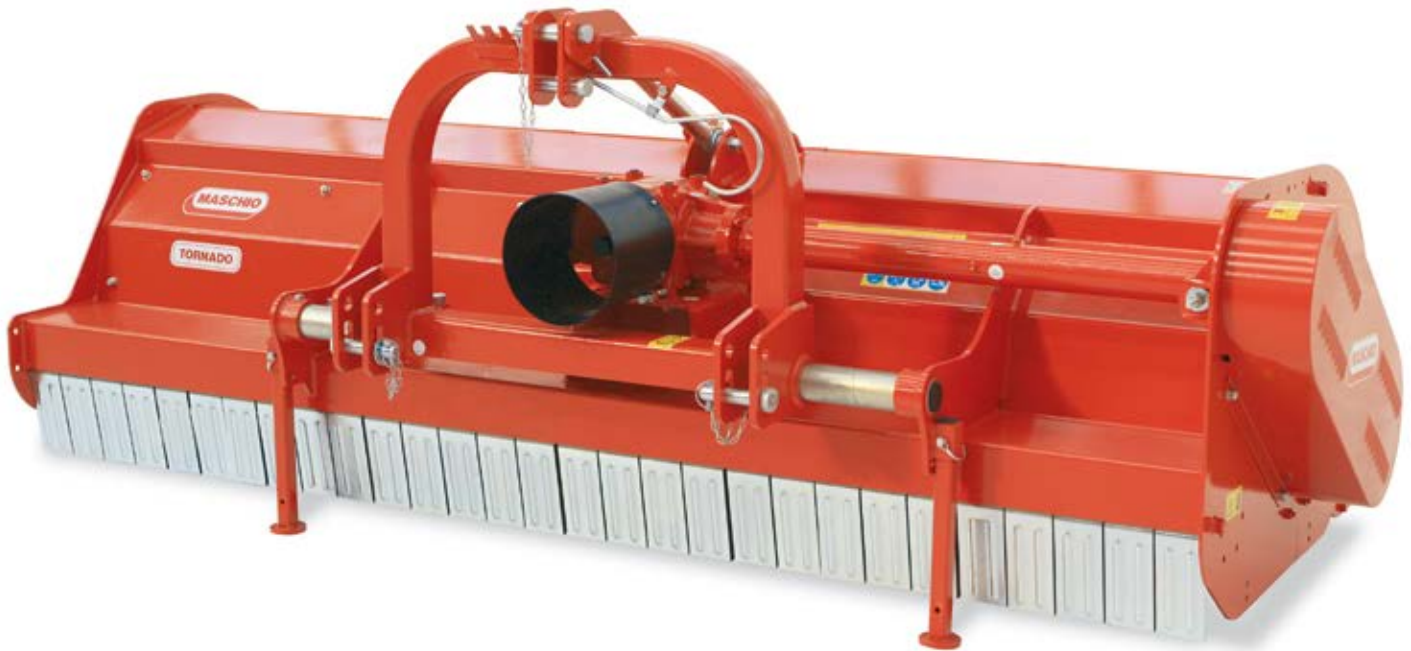
**TORNADO**, with cutting chambers 33 ½ in. height. The **ARIETE** chopper shares many components with Tornado. Long blades on the hammers.



# TORNADO Ø 4"



Mod.	MAX in.	MIN in.	MIN in.	MAX in.
220	46	46	34	58
250	51	49	39	60
280	56	56	44	67
310	68	55	56	67



## RANGE FEATURES

Model	TORNADO	
Working width	ft	7½-8-9-10
Total width	ft	8-9-10-11
Weight	lbs	2028-2116-2282-2480
Tractor power	hp	60-150
Category	II	
Tools (n.)	24-26-28-32	
Tools type	"05" – "16"	
RPM	540	
Belts	5	
Mech. offset	●	
Hydr offset	○	
Reversible	—	
Double skin	○	
Double Counterblade	○	
Pivoting wheels	○	
Pair of skids	○	

● standard    ○ upon request    — not available

\* Weight of fixed version (No offset)

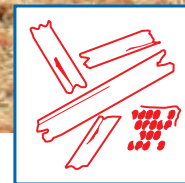
\*\*Available in fixed or mechanical offset version



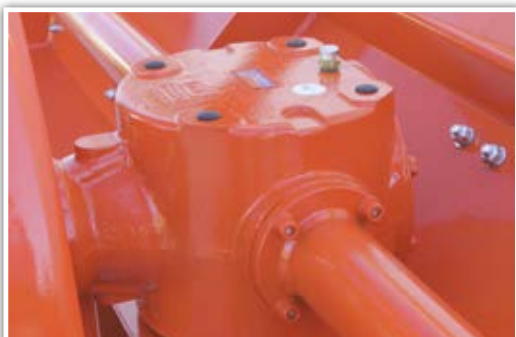
# HEAVY DUTY STRAW CHOPPERS

## READY FOR ANY CHALLENGE!

UP TO 300 HP



**LEOPARD** and **GEMELLA** models have been developed for most professional users who need sturdy and performant machines to match with the most powerful tractors. Leopard has a rigid central 3 point hitch, a very strong structure and offers the choice between the single or double transmission version. All these features make Leopard suited for heavier application on abundant and tough crop residues.



The folding machine **GEMELLA** further increases the productivity of the straw chopper: working widths of 15 ½ or 20 ft. make it possible to cover large areas in a very short time! Both models can be featured on demand by rear pivoting wheels instead of the rear roller: this configuration improves maneuverability on fields heads.



# LEOPARD Ø 5"



# GEMELLA Ø 4"



## RANGE FEATURES

Model		LEOPARD ST	LEOPARD DT	GEMELLA
Working width	ft	10½	10½	15¼ - 20
Total width	ft	11½	11½	16½ - 21½
Weight	lbs	2822	2987	5512 - 6449
Tractor power	hp	140-180	140-200	140-300
Category		II	II	II-III
Tools (n.)		34	34	48-64
Tools type		"03" - "05" - "16"	"03" - "05" - "16"	"03" - "05" - "16"
RPM		1000	1000	1000
Belts		5	3 + 3	5 + 5
Mech. offset		—	—	—
Hydr offset		—	—	—
Double skin		○	○	○
Double Counterblade		○	○	○
Pivoting wheels		○	○	○
Pair of skids		○	○	●

● standard    ○ upon request    — not available



# OFFSET MULCHERS

## CAN GO EVERYWHERE!

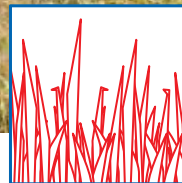
UP TO 200 HP



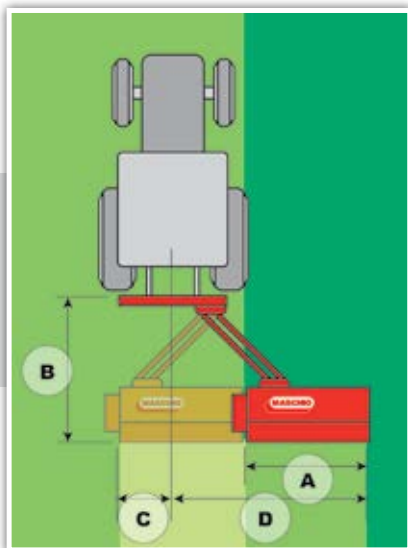
S.E. - EXTERNAL BOX



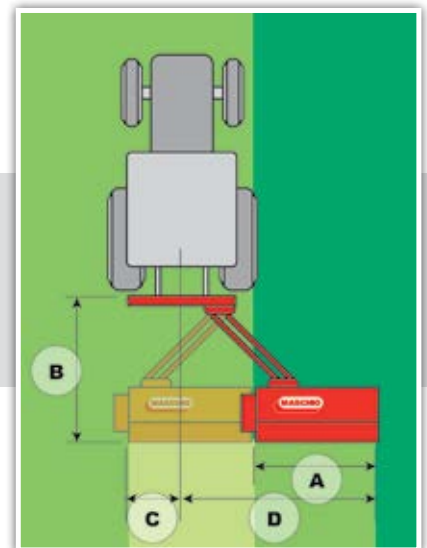
S.I. - INTERNAL BOX



The **GIRAFFA** range have a three point safety system in case of an accidental strike of a tree or post. SI will perform the best for clearing hedges, while SE will offer the maximum offset reach.



MASCHIO offset mulchers are versatile, safe and user friendly: with the same machine it is possible to perform different operations like cutting behind the tractor, pruning a hedge tree, or cleaning a ditch.





# GIRAFFA S



# GIRAFFA M



# GIRAFFA L



# GIRAFFA XL



# GIRAFFA XXL



## RANGE FEATURES

Model		GIRAFFA S SI	GIRAFFA M SE	GIRAFFA L SE	GIRAFFA XL SE	GIRAFFA XXL SE
Working width	in	45-53-61	47-55-63-69	59-65-72	62-75-83	83-89-101
Transport width	in	541-61-69	61-69-77-83	81-87-95	78-91-100	104-109-121
Weight	lb	541-585-629.2	847-891-935-979	1364-1408-1452	1584-1716-1782	2365-1110-1220
Tractor power	Hp	15-35	35-60	40-80	50-110	120-200
Category		I^	I^	II^	II^-III^	II^-III^
Tools type		coltelli-lame	coltelli-lame	coltelli-lame	coltelli-lame	coltelli-lame
Knives		48-56-64	32-40-44-48	-	48-60-66	48-60-60
Hammers		24-28-32	16-20-22-24	16-20-22	16-20-22	16-20-20
Transmission speed	RPM	540	540	540	540	540
Belts		3	3	4	4	5
Hydraulic offset		●	●	●	●	●
Skids		●	●	●	●	●
Wear-resistant sheet metal		-	○	○	○	-
Toothed counter blade		-	●	●	●	●
A	in	45-53-61	47-55-63-69	74-80-87	62-75-83	83-89-101
B	in	50	57	87	67	94
C	in	22	12	30	14	20
D	in	68-76-83	79-87-94-100	102-108-116	104-116-126	125-131-144
E	in	35-43-50	40-47-61	59-66-73	59-72-81	79-85-97

● standard    ○ upon request    — not available



# MULCHERS

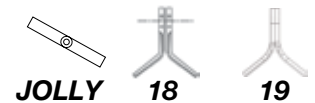
## GET THE PERFECT CUT WITH THE RIGHT BLADE

The proper choice of tool is key to getting the best result in different conditions! Blades or hammers are available in a wide range of models: the high quality steel and the self-sharpening profile helps to always get a uniform finely cut product.



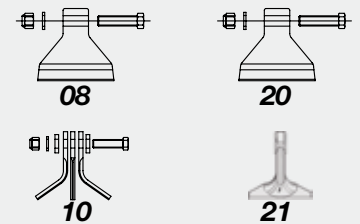
### Grass and green areas

The better tool for mowing grass at a uniform height and a regular trim.



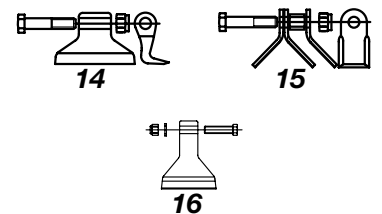
### Pruning residues

On pruning residues and small branches, hammers or the special blade kit n.10 are the ideal tools for mulchers. The crushing action of the tool breaks down fibrous parts, speeding up their degradation. The hammers also perform well in cutting grass between orchards or vineyards.



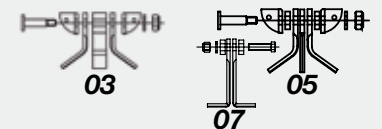
### Bushes and shrubs

These tools are installed on the most versatile equipment and can cope with a wide range of products: grass, leaves, fibrous and woody stems.



### Crop residues

The residue choppers are designed to manage large amounts of crop residues and get a very fine mulching grade. For lighter residues (like wheat straw) the kit n. 03 is the best option as the thick central element allows all of the product to be lifted and driven into the cutting chamber.



	FURBA	BARBI	BRAVA	BELLA	CORAZZA	TIGRE	BISONTE	BUFALO	TORNADO	LEOPARD	GEMELLA	GIRAFFA S	GIRAFFA M	GIRAFFA L	GIRAFFA XL	GIRAFFA XXL
KIT 03										•	•					
KIT 05									•	•	•					
KIT 07																
HAMMER 08			•	•										•		
BLADE 10			•	•										•		
HAMMER 14					•	•	•	•							•	•
BLADE 15					•	•	•	•							•	•
HAMMER 16									•	•	•					
BLADE 18		•											•			
BLADE 19	•											•				
HAMMER 20		•											•			
HAMMER 21	•											•				



# OPTIONS FOR ALL NEEDS

MASCHIO mulchers have a wide range of optional features available to tune machines to customer's needs.



A second skin can be bolted inside the cutting chamber. When this element is in use, all of the structure is better protected, especially when operating on stones or other debris. This optional features a counterblade which improves the refinement grade of chopped residue. Available on demand for: **BELLA, BRAVA, BISONTE, CORAZZA, GEMELLA, GIRAFFA, LEOPARD** and **TORNADO**.



The side skids prevent any damage to flanks when machines are used on uneven or stony lands. Standard feature on **BISONTE, BUFALO, FURBA, GEMELLA, GIRAFFA, GIRAFFA XXL, GIRAFFA M**, available on demand for **BELLA, BARBI, CHIARA, CORAZZA, LEOPARD, TIGRE** and **TORNADO**.



The rear steering wheels allow a very quick set up of cutting height and to turn (headlands, pass over an obstacle) without lifting the implement. Available for **BELLA** (front), **CHIARA, CORAZZA, GEMELLA, LEOPARD, TIGRE, TORNADO**; standard (front) on **ARIETE**.



The front wheels keep an uniform cutting height and can be adjusted by a simple pin system. Available for **BRAVA** and **CORAZZA**.



The collecting rakes hold the longer wooden residues in the cutting chamber to reduce their size. Available on demand for: **BRAVA, CORAZZA** and **TIGRE 210**.



Offset mulchers **GIRAFFA** and **GIRAFFA XXL** are available in "left handed" version for market or circumstances which requires them.



The constant speed PTO reduces the stress on the drive shaft and allows you to use the offset mulcher in more critical positions. Standard for **GIRAFFA XXL**, on demand for **GIRAFFA XL**.



The hydraulic offset allows the mulcher to move side to side during work. Standard feature on **BISONTE** and **BUFALO** and available on demand for **BARBI, BRAVA, CORAZZA, FURBA, TIGRE** and **TORNADO**.



A double front/rear gearbox with 1000 RPM rotation regime is needed to use reversible machines in the front position. Available for **BELLA, BIRBA, FURBA**.



# MASCHIO



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02-20 Cod. W00227290R  
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