



***HEDGE CUTTER ARM RANGE***

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As part of its range, MASCHIO offers rear-mounted hedge cutter arms for cutting grass and shrubby vegetation along banks, ditches and on steep ground.

Safety, strength and practicality are the main traits of the MASCHIO arms, successfully meeting the needs of all manner of users, from private individuals to road maintenance contractors.



**KATIA**

## STRENGTH

- Tempered steel pins
- Wear-resistant bushes with grease nipple
- High-strength frame



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## **PRACTICALITY**

- Head angle up to 246°
- Compact structure
- Joystick for easy, intuitive use

# Control systems

## IT'S ALL IN YOUR HANDS

The strengths that set the MASCHIO arms apart lie in their practicality, simplicity and toughness. With quality components and modern technical solutions, they manage to offer excellent performance even in tough conditions.

Various types of controls are available to cater to the full range of individual requirements, from private through to professional users.



### Manual hydraulic controls

The lever cables run back to the control valve assembly and each controls an individual movement. This is the standard control for the smaller arms.



### ON/OFF electric joystick

Reproduces the same movements as the manual controls but is more ergonomic.



### Electro-hydraulic joystick

This joystick features proportional movement, delivering great control and accuracy.



### Proportional electric joystick

The new joystick allows you to program both movement speed and response times, making the operator's job that much easier.



# Number one priority: safety and control

## **OVER CENTER safety system**

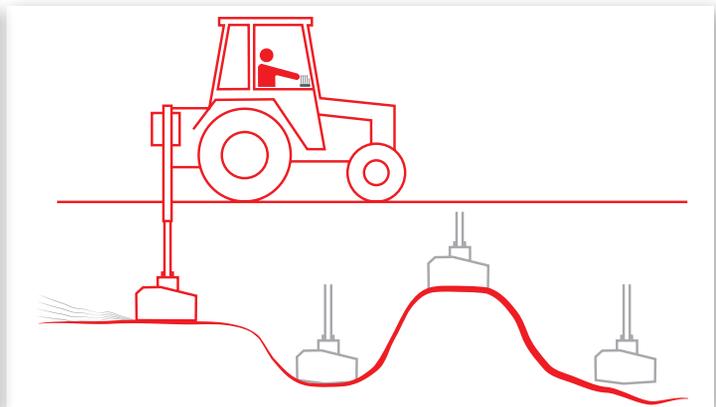
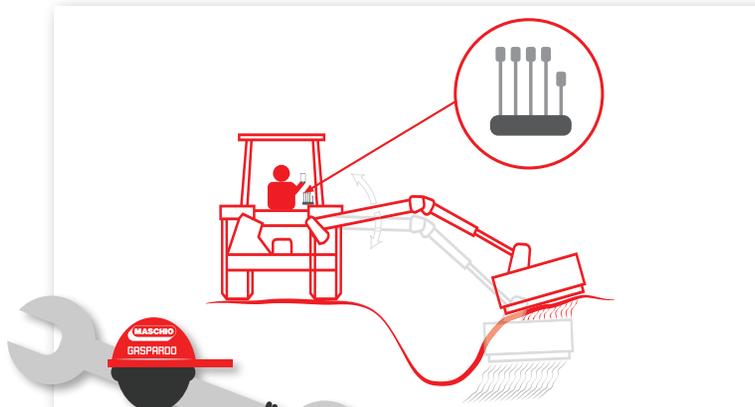
A valve located on the cylinder of the first arm enables it to maintain the exact position set, ensuring accurate cutting even over an extended period, such as when cutting hedging.

In the event of a failure of any kind, the valve also acts as a safety system, keeping the arm in position and avoiding sudden drops.



## **SDS system**

This system allows the arm to "float", following the contours of the ground and bypassing the OVER CENTER safety valve that, by means of an accumulator containing pressurized nitrogen counterbalances the pressure of the arm on the hydraulic system. The farther out the arm works, the more counterpressure the system required.



### **"TIP FROM THE ENGINEER"**

#### **Activating SDS**

To activate the SDS system, you need to lower the arm to the ground in floating mode, then adjust the potentiometer until it lifts and, lastly, return it to where it touches the ground.



#### **Nitrogen accumulator**

This pressurized tank supplies the circuit, allowing the arm to float.

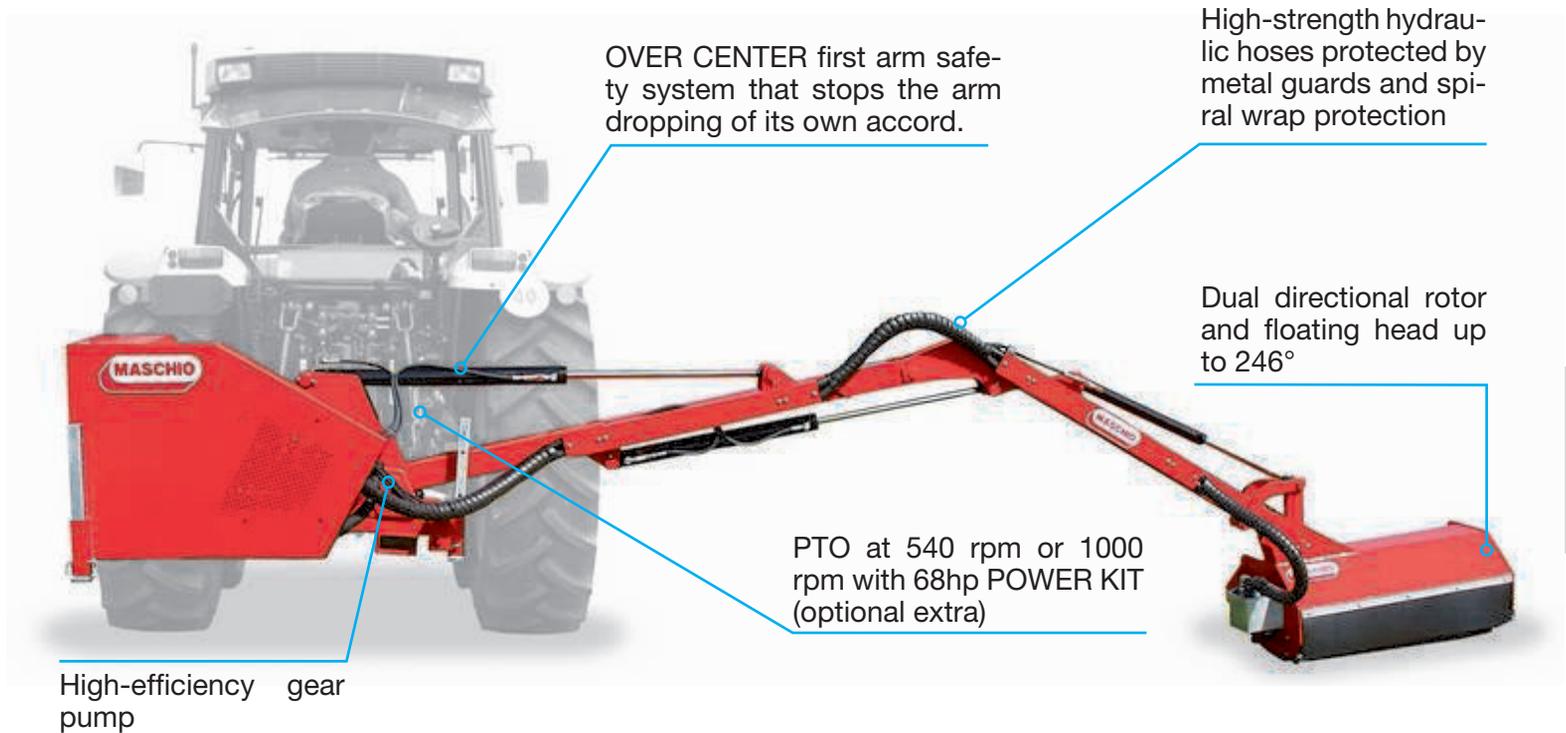
# ARMS

## up to 60 hp

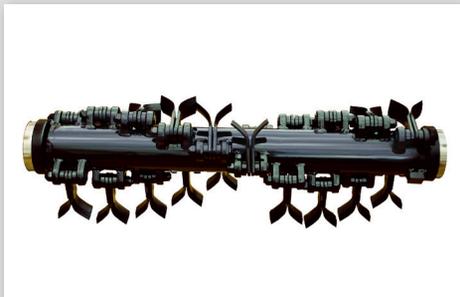
### MARGHERITA, CRISTINA, MARTINA and GAIA

These hedge cutter arms are suitable for tractors up to 60 hp. The first 2 are designed as arms for private use, though still featuring heavy-duty features such as the high-strength frame, wear-resistant bushes and tempered steel pins. They also have various safety systems to protect both the operator and the machine.

MARTINA and GAIA are ideal options for continuous cutting throughout the year and provide excellent strength and reliability without being overly heavy.



### Some of the features of MASCHIO arms incorporated across the full range:



#### Helical rotor

Can rotate in either direction. Reversal is timed, reducing the risk of accidental breakage.



#### Tempered steel pins

Tempered steel ground pins and bushes for greater wear resistance.



#### High-strength frame

Precision coupling and quality materials combine to ensure these arms are ready to tackle any challenge.

# 3.8 to 6.4 metres of practicality

## Nowhere is out of reach

The smaller, lighter arms are ideal for confined spaces and hard-to-reach places, where compact design and light weight are a distinct advantage. MARGHERITA is designed to be coupled with lighter, low-hp tractors. In addition, MARGHERITA can also be hooked up to reverse-drive tractors.



**MARGHERITA**

## Special uses

CRISTINA, MARTINA and GAIA are suitable for medium-powered tractors (40-65 hp) and weights up to 2800 kg, for heavy-duty use. CRISTINA also comes in a "paddy" version, with a single-acting cylinder on the first arm and longer connections for the tractor's iron wheels. MARTINA 600T has a telescopic arm allowing for a reach of up to 6.4 m.



**CRISTINA**



**MARTINA**



**GAIA**

MODEL	VERSION	REACH (cm)	WEIGHT (kg)	MIN. TRACTOR WEIGHT (kg)	MIN. TRACTOR POWER (HP)
MARGHERITA	380	380	450	1600	25
	460	460	620	2000	40
CRISTINA	510	510	630	2100	50
	560	560	665	2500	60
GAIA	550	530	1000	2800	60
	600T	600	1140	3200	80
	650T	640	1140	3200	80
MARTINA	500	500	830	2600	60
	595	600	860	2800	70
	600T	640	1100	3000	80

# PROFESSIONAL ARMS

over 60 hp

## **PALMA, CAMILLA, KATIA and LARA**

Arms over 60 hp are suitable for professional users for the maintenance of large green space areas. To ensure excellent reliability, they feature rugged frames, an independent hydraulic system with high-efficiency cast iron gears, gearbox and motor. PALMA, CAMILLA, KATIA and LARA are built to withstand the rigorous workload that users demanding top performance subject these implements to on a daily basis.



### **ROTATING HEAD**

The head is designed to offer unbeatable versatility with its joint allowing rotation of up to 246° and the option of working in floating mode. The electronic balancing of the rotors minimizes vibrations.



**CAMILLA**

### **CAMILLA**

The high parallelogram pivot allows the arm to perform two movements with a single command, while also ensuring the machine folds up more compactly. Version 600T comes with 80cm telescopic extension.



**PALMA**

### **PALMA**

The PALMA arm is suitable for cutting grass, shrubs and hedges, both in fields and as part of road maintenance programmes. Version 720T features 80cm telescopic extension for greater reach while still retaining the machine's compact design.



### **Nitrogen accumulator**

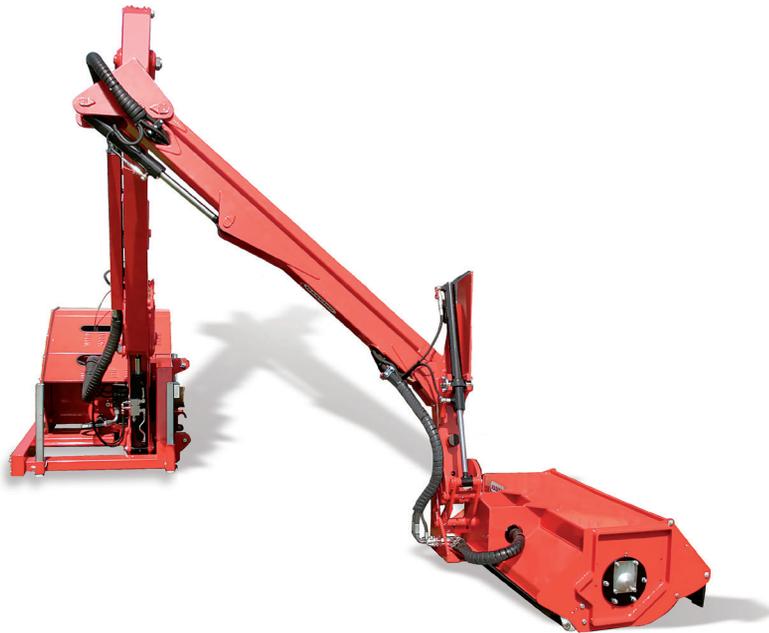
Safety system designed to retract the head in the event of impact with an obstacle, preventing damage to the arm.

### **Cast iron hydraulic motor**

Compact and protected so as not to get in the way of work. The belt drive also acts as a guard protecting the system.



# When the going gets tough



## **KATIA**

Featuring a hydraulic forward reach system, it makes the job quicker and more comfortable for the operator. Recommended for verge clearing jobs requiring extra-special care.



## **LARA**

LARA is MASCHIO's top-of-the-range arm. With the high pivot and double telescopic extension, it can reach even the most distant places, while still ensuring a compact machine on routine jobs.

MODEL	VERSION	REACH (cm)	WEIGHT (kg)	MINIMUM TRACTOR WEIGHT (kg)	MIN. TRACTOR POWER (HP)
<b>PALMA</b>	500	510	1000	2800	60
	600	610	1100	2800	70
	720T	750	1220	3000	80
<b>CAMILLA</b>	500	500	940	2300	60
	550	530	1000	3000	70
	600T	610	1250	3000	80
<b>KATIA</b>	550	540	1070	3500	80
	650	630	1200	3800	100
<b>LARA</b>	850T	820	1500	4500	100

# Blades and hammers

## THE RIGHT TOOL FOR EVERY JOB

Various types of blades are available to suit grass, shrubs and stalks as well as hammers for dealing with brushwood. With their cutting capacity, the former are great for working at higher speeds, while the latter provide excellent performance on prunings or brushwood up to 3-5 cm in diameter.



**BLADE 02**  
CRISTINA, MARTINA and GAIA



**HAMMER 01**  
CRISTINA and GAIA



**BLADE 03**  
MARGHERITA, CRISTINA and GAIA



**HAMMER 20**  
PALMA, CAMILLA, KATIA and LARA



**BLADE 05**  
CRISTINA, MARTINA, PALMA,  
CAMILLA, GAIA, KATIA and LARA



**HAMMER 22**  
KATIA and LARA



**BLADE 15**  
MARGHERITA



**HAMMER 23**  
PALMA, CAMILLA, KATIA and LARA



**BLADE 24**  
MARTINA, PALMA, CAMILLA, KATIA  
and LARA



**HAMMER 25**  
PALMA, CAMILLA, KATIA and LARA



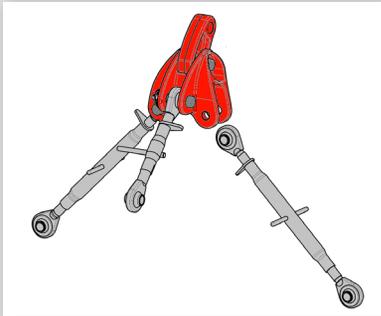
# Accessories and optional extras



**Hydraulic oil heat exchanger**



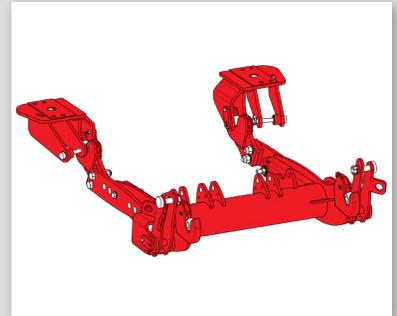
**68hp power kit**



**Mounting kit**



**Pair of three-point hitch tie rods**



**Weight-balancing kit**



**Branch cutter attachment: hedges and branches up to 100 mm in diameter**



**Hedge attachment: cuts shrubs up to 25 mm in diameter**



**Rotary ditcher: for clearing ditches**





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