Marshall
MACHINERY

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ESTABLISHED 1990



CAFFINI GRASS KILLER

ZERO CHEMICAL WEED CONTROL

GrassKiller Revolution

Caffini Grasskiller | Weed control with water alone

The Caffini Grasskiller uses high-pressure water at ambient temperature to control weeds beneath vines and fruit trees. It's designed for vineyards and orchards looking to manage weeds without herbicides and is particularly suited to organic growers.





Caffini GrassKiller

Caffini began testing its Attila prototype in **2012** at Allegrini Estates, an organic wine producer in Valpolicella, near Verona. Over two years, the vineyard trials assessed how well it controlled weeds and checked for potential damage to the vines. The prototype led to the internationally patented GrassKiller, which **controls weeds using unheated water alone.**

A **1,000 bar pump** feeds specially angled nozzles mounted on a high-speed rotating head. The water jets remove visible growth and break up weed roots a few centimetres below the surface. The pass leaves the soil level and loose, and Caffini reports that the treated strip clears within about two days. A few passes a year can help control weeds and limit regrowth.

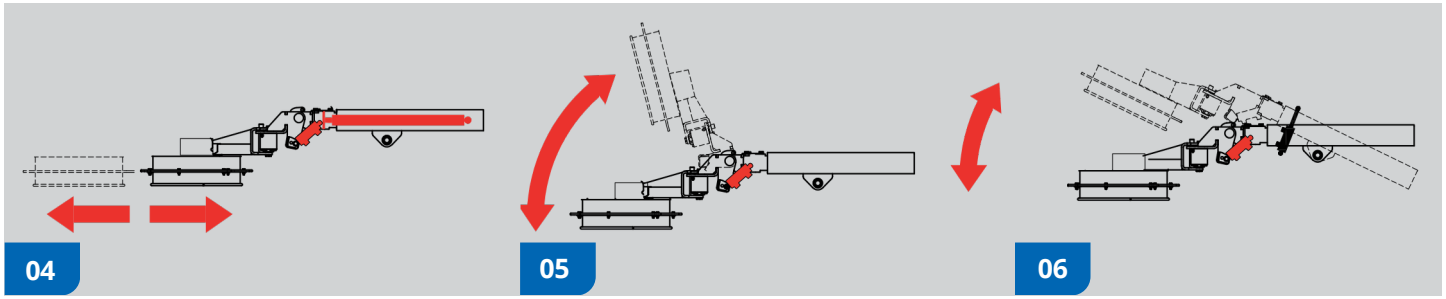
The Mono version uses approximately 33 mL of water per linear metre when treating medium-height grass.

STANDARD EQUIPMENT









THE ADVANTAGES

01. Spray heads
Available in 280 mm or 400 mm diameters. The lobed contact rotor helps the head follow the contour of the vine or tree trunk without sliding along it.

02. Control box
Switch water delivery on or off and operate the hydraulic functions.

03. Hydraulic head sensitivity adjustment
Fine-tune how readily the head moves around vines and trees. This helps protect young plants and maintain control when working on slopes. Optional electric adjustment is available from the tractor cab.

04. Telescopic width adjustment
Extend or retract the working assembly to suit the row width.

05. Spray head tilt adjustment
Set the angle of the spray head.

06. Working angle adjustment
Adjust the overall working angle to suit the terrain.

- ✔Herbicide savings
- ✔Completely ecological processing, no chemicals
- ✔Only few passes per year
- ✔Labour and fuel costs savings
- ✔No harm to plants
- ✔Excellent performance in stony soils
- ✔Impeccable in sloping, avoids leaching of the ground downstream (erosion)
- ✔No damage to irrigation channels
- ✔Ideal for pavements and public spaces maintenance

Premio "Novità Tecnica"

Premio "Macchina Amica dell' Ambiente"

GrassKiller Mono





Ø 40 cm

GrassKiller Mono
The Caffini GrassKiller Mono is available as a trailed unit with a 1,000 L, 2,000 L or 3,000 L tank, or as a tractor-mounted unit with a 600 L tank.

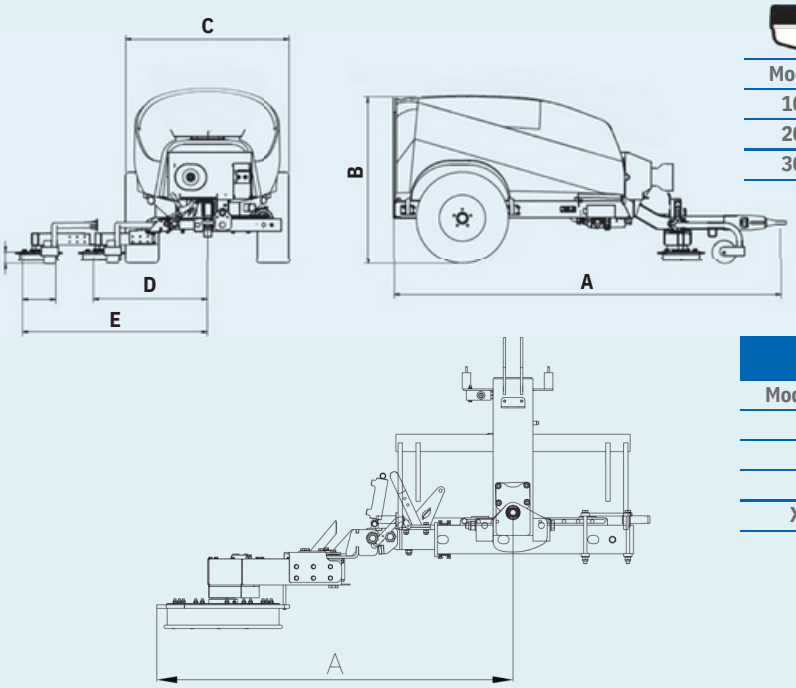
The spray head has a standard working width of 40 cm and can be mounted at the rear on the drawbar or at the front on the tractor's hydraulic linkage.







STANDARD EQUIPMENT



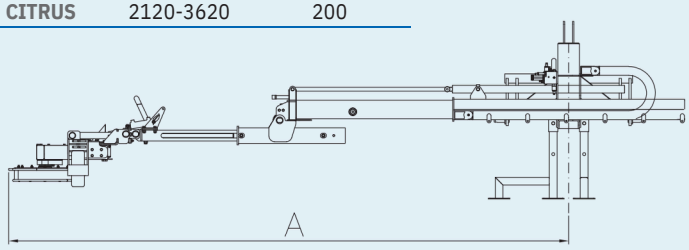
GRASSKILLER MONOTRAILED							
	a	b	c	d	e	hp	KG
Modello	a	b	c	d	e	hp	KG
1000	2520	1340	1310	960	1520	60	640
2000	3100	1630	1580	960	1520	70	810
3000	3610	1580	2050	960	1520	75	1150

GRASSKILLER MONO FRONT		
Modello	A	KG (testata)
S	900-1200	130
M	1050-1350	150
L	1150-1560	160
XL	1250-1750	170

Citrus Model
The Caffini GrassKiller Citrus uses an extendable frame to reach up to 3.6 m from the tractor's centreline. The extra reach lets you control weeds with water alone beneath the wide canopies of citrus, olive and other fruit trees.



GRASSKILLER MONO CITRUS		
Modello	A	KG (head)
CITRUS	2120-3620	200



OPTIONAL



01

Electrical adjustment of feeder intensity



02

Hydraulic front lifting

GrassKiller Twin





Ø 28 cm

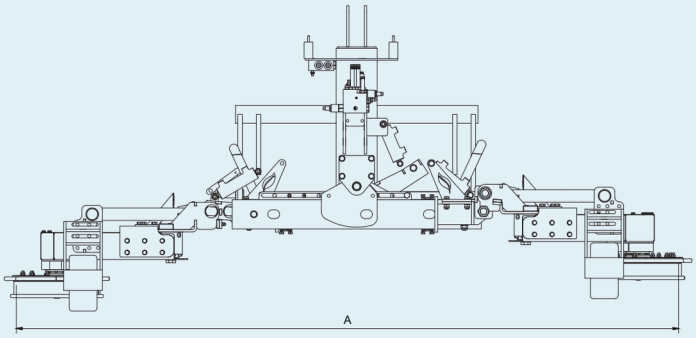


Ø 40 cm

GrassKiller Twin
The Caffini GrassKiller Twin uses two front-mounted heads to control weeds on both sides of the row in a single pass. Choose a 1,000 L or 2,000 L trailed tank, or a 600 L rear-mounted tank.

The twin heads mount to the tractor's front hydraulic linkage and are available in 28 cm or 40 cm working widths per head. A front hydraulic linkage can be supplied as an option if your tractor doesn't already have one.





GRASSKILLER TWIN FRONT			
Modello	A	HP	KG (testata)
S	1680-2280	60-70	170
M	1980-2580	60-70	180
L	2180-3180	60-70	190
XL	2430-3430	60-70	200

OPTIONAL









01. Electric feeder adjustment
Adjust the feeder intensity electronically.

02. Independent hydraulic head lift
Raise or lower the right and left heads independently.

03. Steering drawbar
A steering drawbar helps the trailed tank follow the tractor through turns.

04. Front hydraulic linkage
Raise and lower the front-mounted head assembly.



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Location: 7 Legana Park Drive, Legana, Tas, 7277
Office: 03 6330 1808
Website: marshallmachinery.com.au
Email: sales@marshallmachinery.com.au

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