

FLAILY  
Hammer mowers  
**HF**

since 1975



where **quality** comes  
as **standard**



since 1975



Innovation is the quality that is best demonstrated by the machines in the **Flaily** range. **Flaily** machines are ideally suited for cutting grass and light pruning waste such as vine shoots. The electronically balanced rotor features double sided, free swinging blades, which rotate at a very high speed. The great number of small cutting blades ensures optimal results by cutting grass into very small pieces. Ideal also in orchards, where the terrain is not perfect, to cut small branches and for quick, accurate jobs that cannot be done using horizontal blades. This cutting system, invented in America in the early 70s, is often mistaken with the work of a mulching machine. In fact, this is a completely different machine, designed to guarantee **speed** and **accuracy** while keeping energy consumption low, distributing the cut grass evenly and cutting light pruning waste and/or brushwood. It can be used even on grounds with small stones or bulky pieces of wood, which it will avoid, not break.

# FLAILY hammer mowers

# HF



## HERMES**FLAILY**

**Flaily** is the perfect choice for firms that require strong, easy to manoeuvre machines, simple to operate and adaptable to different needs, reliable and innovative, ideal for cutting short grass but also great for cutting very high grass. One of the main characteristics of this machine is its ability to distribute cut grass evenly, slightly lifted from the ground, thus ensuring its quick **decomposition** into organic matter. The clean cut performed by the small blades also has a selective effect on the grass, favouring grass of better quality, to obtain the best lawns.

**Flaily** is also ideal to maintain grass surfaces in communal and public spaces. Its easy manoeuvrability, joined with the fact that it can cut high grass and brushwood, make it the perfect choice to maintain roundabouts, sports grounds and parks, where, even if the ground is uneven, the machine can reach a speed of up to 8 km/ h.

**Hermes** engineers have designed **Flaily** machines following the strict quality criteria that characterise all their machines. Therefore, every component is carefully selected, tested and implemented by qualified and experienced staff. All steps of the production process are carefully monitored to consistently guarantee only machines of the highest quality. Nothing is left to chance, every detail is planned based on 40 years of experience in the field.

**Innovation, quality, reliability** and **strength** are the reasons why we are proud of our machines.

# HERMES

## hammer mowers



### FLAILY

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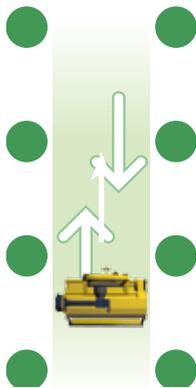
Watch the **video**  
of the machine  
in action on your  
smartphone.



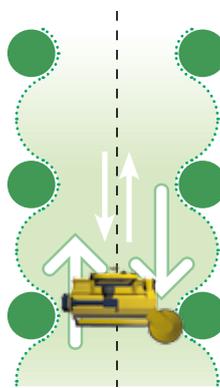
# CONFIGURATION



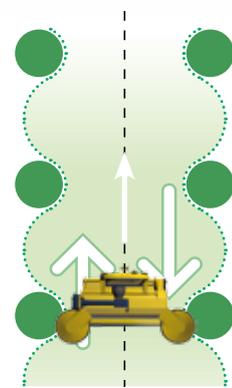
with no swing disk



with one swing disk



with two swing disks



This machine is the perfect solution for firms who require **a strong hammer mower** that can perform effectively the most demanding jobs, but is also effective in the presence of brushwood or light pruning waste such as vine shoots. It is a great alternative to heavier, slower machines that require more power and consume more fuel.

It is a highly specialised version of the **Flaily** machine, ideal for cutting between one plant and the next, thanks to a swing disk with blades, which can be replaced with a rake. The swing disk with blades, with a diameter of 45 cm or 55 cm, allows to cut grass between plants with optimal results. The swing disk offers flexibility and can be adapted to different work needs.

The rake, in addition to cutting the grass between plants, also cuts vine shoots without damaging the plant in any way. **Flaily** with one swing disk solves mechanically the problems caused by grass and weeds growing between rows of plants, avoiding the need to use chemicals; today this aspect is essential to agricultural firms that wish to comply with certain farming protocols (organic, biodynamic, sustainable farming, etc).

**Flaily** with two swing disks is a unique machine. It cuts grass between rows and between one plant and the next with excellent results by **passing between rows just once**. The machine can be fitted with two swing disks, with a diameter of 45 cm or 55 cm, or with two sets of rakes. In particular, the rakes allow to cut grass and vine shoots without damaging the plant or its bark; the electrical stopping system helps the operator to avoid damaging any reimplanted vines less than two years old.

The possibility to hydraulically exclude the swing disks, makes this machine suitable also for jobs that require cutting only between rows, for example in vineyards, to shred sarments after pruning.



FLAILY

**Flaily** is available in different working widths, from 1.00 m to 2.10 m, making it **flexible** and **adaptable** to different agricultural requirements.

**Flaily** standard version has the gearbox positioned very low, to keep the machine close to the ground. This is particularly important just before vintage, when it is essential not to damage grapes.

The large number of double sided blades, which rotate at over 2.100 revs/min cut grass and shoots in very small pieces. The roller on the rear, adjustable in height, can be adapted to any situation. Thanks to the side runners, **Flaily** is perfect for the maintenance of grassy surfaces, even on steep terrain.

**Flaily** machines can also combine cutting with weeding; on request they can be fitted with the **Herbymulching** system, with significant **economical advantages** in terms of hectare/hour and fuel consumption.

# HERMES

## with no swing disk



Model		FL 1000	FL 1200	FL 1400	FL 1600	FL 1800	FL 2100
Working width	cm	95	115	135	155	175	205
Number of EM80 double sided blades		28	36	44	52	60	68
Maximum diameter of light wood	cm	1	1	1	1	1	1
3 point linkage ISO		I/II	I/II	I/II	I/II	I/II	I/II
Number of belts		3	3	4	4	4	4
Diameter of height adjustable roller	mm	133	133	133	133	133	133
Side shift from middle of tractor	cm	63	87	103	176	196	217
HP	CV	10	15	18	20	25	30
Mechanic side shift		nd	0	0	0	0	0
Hydraulic side shift		nd	S	S	S	S	S
Angle gear positioned low		S	S	S	S	S	S
Angle gear 540 revs/min-1 with freewheel		S	S	S	S	S	S
Groupe multiplicateur 1000 tours /min-1 avec roue libre		nd	nd	nd	nd	nd	nd
Front version for front PTO 540/1.000 revs/min-1		nd	nd	nd	nd	nd	nd
Side runners adjustable in height		S	S	S	S	S	S
Herbmulching: 100 lt herbicide tank with 12V pump		nd	0	0	0	0	0
Herbmulching: 200 lt herbicide tank with 12V pump		nd	nd	0	0	0	0
Overall size - Length	cm	114	134	155	176	196	217
Weight (standard version)	kg	180	227	265	332	412	450

0 = Optional nd = Not available



This machine can be used in different situations and meets a wide range of requirements. However, it is especially recommended for vineyards. The fact that the swing disk with blades, with a diameter of 45 cm or 55 cm, can be replaced with a rake, makes the **Flaily** machine with one swing disk the ideal solution to cut grass between rows as well as between one plant and the next. In particular, the rake ensures excellent results around plants, leaving no uncut grass and getting rid of root sprouts.

Compared to other cutting systems, the rake offers another great advantage that has a positive impact on costs: **high driving speed**.

The rake is fitted with a return spring that retracts if the rake hits an obstacle. The height can be adjusted and regulated with a screw or, on request, hydraulically. This makes sure the machine **can be adapted easily and quickly to the work at hand**.

The machine has proven effectiveness of this accessory on the field, demonstrating to be able to cut grass without damaging plants. The shaft's revolutions, the type of string and other technical details make this machine suitable in every situation without the risk of damaging the fixtures on the ground (poles, etc.).

The option to control the rake rotation electronically makes it ideal even on vineyards with young, reimplanted, vines.

# one swing disk



Modello		FL 1201	FL 1401	FL 1601	FL 1801	FL 2101
Working width with swing disk D.45 cm	cm	155	175	195	215	245
Working width with swing disk D.55 cm	cm	165	185	205	225	255
Working width with shoot-remover 42 cm	cm	155	175	195	215	245
Number of EM80 double sided blades		36	44	52	60	68
Maximum diameter of light wood (standard machine)	cm	1	1	1	1	1
3 point linkage ISO		I/II	I/II	I/II	I/II	I/II
Number of belts		3	4	4	4	4
Diameter of height adjustable roller	mm	133	133	133	133	133
Side shift from middle of tractor	cm	87	103	176	196	217
HP	CV	15	18	20	25	30
Mechanic side shift		0	0	0	0	0
Hydraulic side shift		S	S	S	S	S
Angle gear positioned low		S	S	S	S	S
Angle gear 540 revs/min-1 with freewheel		S	S	S	S	S
Angle gear 1,000 revs/min-1 with freewheel		nd	nd	nd	nd	nd
Front version for front PTO 540/1.000 revs/min-1		nd	nd	nd	nd	nd
Hydraulic system (tank, pump, max. valve, 3-way valve, filter)		S	S	S	S	S
Hydraulic oil cooling radiator		0	0	0	0	0
Swing disk with blades D.45/55		0	0	0	0	0
Rake (on request hydraulically height adjustable)		0	0	0	0	0
Side runners adjustable in height		S	S	S	S	S
Herbmulching: 100 lt herbicide tank with 12V pump		0	0	0	0	0
Herbmulching: 200 lt herbicide tank with 12V pump		nd	0	0	0	0
Overall size - Length	cm	134	155	176	196	217
Weight (standard version)	kg	357	395	462	542	580

0 = Optional nd = Not available



# FLAILY

**Hectare/Hour optimisation** - thanks to a **very quick cutting speed** compared to traditional systems - **clean cut** of the grass, flexibility and an extensive range of cutting options are just some of the advantages of using **Flaily** with two swing disks.

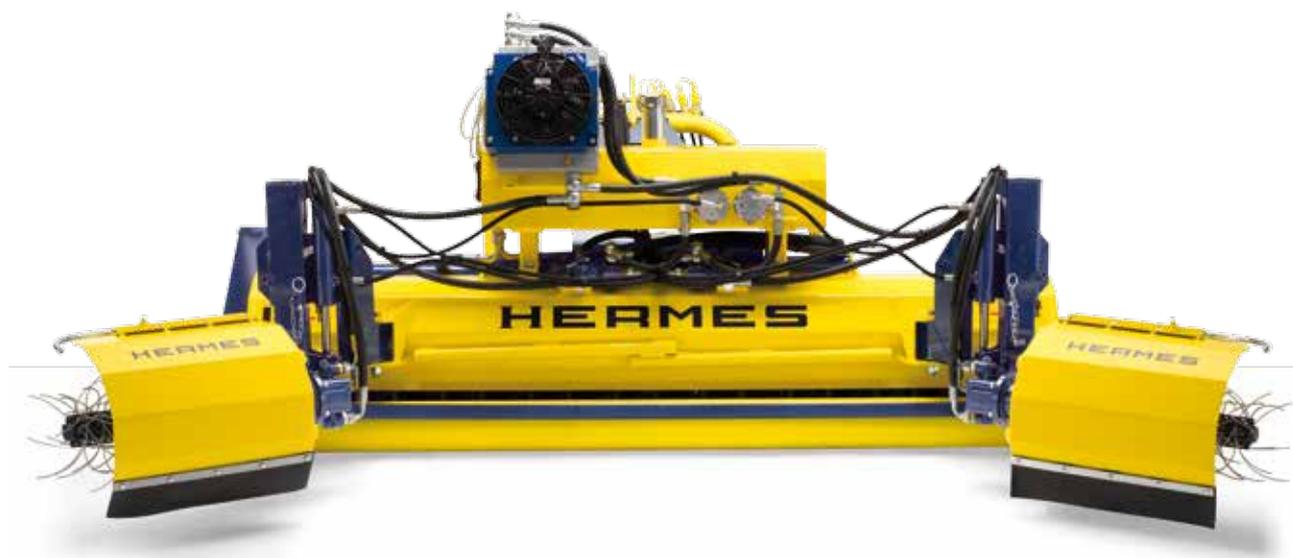
The machine is available with two swing disks (with a 45 cm or 55 cm diameter), or with two sets of rakes.

This machine offers all the advantages of a **Flaily** machine with rakes, with the additional benefit of allowing to cut grass by passing between rows only once, significantly reducing costs.

To work at their best even in particularly hot weather conditions, all **Flaily** machines with two swing disks come with a standard hydraulic oil cooling radiator. This ensures the oil maintains optimum temperature levels, avoiding the risk of it becoming too fluid and affecting the performance of the swing disks.

Distance between plants can be very limited, especially in vineyards. For this reason, **Flaily** machines can fit swing disks of different diameters: the 45 cm disk with star-shaped blade is ideal between narrow rows of plants, while the 55 cm disk can be used when the distance between plants reaches over 1 metre.

# two swing disks



Modello		FL 1402	FL 1602	FL 1802	FL 2102
Working width with swing disk D.45 cm	cm	215	235	255	285
Working width with swing disk D.55 cm	cm	235	255	275	305
Working width with shoot-remover 42 cm	cm	210	230	250	280
Number of EM80 double sided blades		44	52	60	68
Maximum diameter of light wood	cm	1	1	1	1
3 point linkage ISO		I/II	I/II	I/II	I/II
Number of belts		4	4	4	4
Diameter of height adjustable roller	mm	133	133	133	133
Side shift from middle of tractor	cm	103	176	196	217
HP	CV	18	20	25	30
Mechanic side shift		S	S	S	S
Hydraulic side shift		0	0	0	0
Angle gear positioned low		S	S	S	S
Angle gear 540 revs/min-1 with freewheel		S	S	S	S
Angle gear 1,000 revs/min-1 with freewheel		0	0	0	0
Front version for front PTO 540/1.000 revs/min-1		0	0	0	0
Hydraulic system (tank, pump, max. valve, 3-way valve, filter)		S	S	S	S
Hydraulic oil cooling radiator		S	S	S	S
Swing disk with blades D.45/55		0	0	0	0
Rakes (on request hydraulically height adjustable)		0	0	0	0
Side runners adjustable in height		S	S	S	S
Herbmulching: 100 lt herbicide tank with 12V pump		0	0	0	0
Herbmulching: 200 lt herbicide tank with 12V pump		0	0	0	0
Overall size - Length	cm	155	176	196	217
Weight (standard version)	kg	475	542	622	660

0 = Optional nd = Not available



[www.hermesmulching.com](http://www.hermesmulching.com)

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Longitude: 11.201214



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