

MULCHERS

Multipurpose or off-ground,
for vineyard tractors



Coupé
Viti

EXCELLENCE & EXPERTISE

BHM multipurpose mulchers

Massive and compact



BHM, for 3-point rear hitch

Grass and prunings mulchers
A range with working widths
from 0.9 to 2.20 m

COUP'ECO VITI BHM multipurpose mulchers are exceptionally tough.

A large front opening and a heavy rotor give them **exceptional performance**. Their low height and overall footprint without projections make them fluid in the **lowest rows** or through the **narrowest plantations**.

We recommend the **rotor fitted with Y-shaped blades** for work on light vegetation; it requires little power. The 1.3 kg bevelled hammer is the most common and most versatile equipment.

For **mowing work** we suggest the **spoon blade**, or to obtain **exceptional mowing quality**, the paddle blade on shackles, fitted as an option on a special rotor.

Unlike "closed" mulchers the specific form of the baffle plate and the body **allows the BHM to mulch dense and wet vegetation without the risk of clogging**. The material is easily discharged between the plate and the roller.



Standard equipment

- ✦ No. 1 or no. 2 3-point hitch with side shift offset.
- ✦ Adjustable skids and rear depth roller.
- ✦ Rotor fitted with Y-shaped blades, hammers or spoon blades.
- ✦ Anti-projection baffle plate for vegetation discharge (no clogging in wet conditions).

Accessories and options

- ✦ Hydraulic sliding side shift offset (BHM140 to 220).
- ✦ Caster wheels (BHM180 to 220).
- ✦ Special rotor equipped with paddle blades on shackles.
- ✦ Pick-up tooth kit.

Technical specifications

Model	Working width (m)	Overall width (m)	Man./hydraulic side shift	Power required (kW/hp)	Number of hammers	Weight (kg)
BHM 900	0.90	1.00	NA	22/30	12	300
BHM 1050	1.05	1.15	No	22/30	12	320
BHM 1200	1.20	1.32	0.15 / NA	22/30	16	340
BHM 1300	1.30	1.42	0.25 / NA	26/35	16	355
BHM 1400	1.40	1.52	0.25 / 0.30	26/35	16	370/385
BHM 1600	1.60	1.73	0.30 / 0.40	30/40	20	420/440
BHM 1800	1.80	1.99	0.40 / 0.40	44/60	22	720/740
BHM 2000	2.00	2.19	0.40 / 0.40	48/65	24	760/780
BHM 2200	2.20	2.39	0.40 / 0.50	48/65	24	760/780

BVA / BVT orchard mulchers

Strong and powerful



BVT, for 3-point rear hitch

Orchard mulchers
A range with working widths
from 1.60 to 2.20 m



- ✦ Special steel heavy hammers specific to the Coup' eco Viti. Large size short hammers; for intensive mulching, high suction and low body height

Standard equipment

- ✦ Shaft drive
- ✦ Internal bearings with anti-wrapping system
- ✦ Large diameter rotor for high inertia and high material absorption capacity
- ✦ Outer bearings with anti-entanglement system

Technical specifications

Model	Working width (m)	Overall width (m)		Offset (mm)	PTO power (kW/hp)	Number of hammers	Weight (kg)
BVT160	1.60	1.73	Manual	240	37/50	12	730
BVT180	1.80	1.93		340	40/55	14	770
BVT200	2.00	2.13		400	44/60	16	810
BVT220	2.20	2.33		500	48/65	18	850
BVT160H	1.60	1.73	Hydraulic	240	37/50	12	745
BVT180H	1.80	1.93		340	40/55	14	785
BVT200H	2.00	2.13		400	44/60	16	825
BVT220H	2.20	2.33		500	48/65	18	865

BVA, front or rear mountable

Orchard mulchers
A range with working widths
from 1.60 to 2.20 m



Standard equipment

- ✦ Shaft drive
- ✦ Double hitching as standard
- ✦ Internal bearings with anti-wrapping system
- ✦ Large diameter rotor for high inertia and high material absorption capacity
- ✦ Outer bearings with anti-entanglement system
- ✦ 200 mm dia. roller, protected side bearings, self-cleaning roller and adjustable height side skids
- ✦ Removable scraper flap allowing the discharge of the vegetation without clogging

Technical specifications

Model	Working width (m)	Overall width (m)	Offset (mm)		PTO power (kW/hp)	Number of hammers	Weight (kg)
BVA160	1.60	1.73	Manual	240	37/50	12	760
BVA180	1.80	1.93		340	40/55	14	800
BVA200	2.00	2.13		400	44/60	16	850
BVA220	2.20	2.33		500	48/65	18	890
BVA160H	1.60	1.73	Hydraulic	240	37/50	12	775
BVA180H	1.80	1.93		340	40/55	14	815
BVA200H	2.00	2.13		400	44/60	16	865
BVA220H	2.20	2.33		500	48/65	18	905

BSM off-ground prunings mulchers

Designed to last



BSM, for 3-point rear hitch

Prunings mulchers

A range with working widths from 0.95 to 1.70 m

For optimum performance of the **BSM Coup ECO VITI off-ground mulcher**, we use a **simple kinematic chain** based on specially designed components. The **central transmission unit**, the centrepiece of the device, is developed to satisfy two functions that are difficult to reconcile:

- > **High torque and Low speed** (pick-up) transmission
- > **Low torque and high speed** (rotor) transmission

The small number of moving parts of the **BSM Coup ECO VITI off-ground mulcher** makes it a simple machine, providing a guarantee of **reliability** and **longevity**.



Strong points

- + **Pick-up quality much superior** to that of conventional mulchers in all conditions.
- + **Exceptional mulching quality.**
- + High speed over the ground for high productivity.
- + **Low power requirement** even with a **high density of prunings**.
- + **Hammer wear 3 to 4 times less** than on a conventional mulcher.
 - + Quality of manufacture, reliability and durability of COUP'ECO VITI products
- + 35mm rotor and pick-up shaft on **double oscillating bearings**.
- + The number of **CREUSABRO steel** pick-up teeth (26/m), and their length (150mm) provides exceptional pick-up quality
- + **Two discharge grilles** are offered to calibrate the fineness of the mulching; 30x37.5 or 30x90 (option).
- + **The mulching body made from 5 mm thick plate** allows the machine to be used when stones are present.
- + Ratchet limiter to prevent clogging of the pick-up.
- + **Chain pick-up drive**
- + **Belt rotor drive.**
- + **Access by the top to the rotor.**

Technical characteristics

Model	Pick-up width (m)	Working width (m)	Overall width (m)	Power required (kW/hp)	Number of hammers	Weight (kg)
BSM 950	0.95	1.11	1.12	30/40	12	390
BSM 1200	1.20	1.36	1.37	37/50	16	490
BSM 1400	1.40	1.56	1.57	40/55	18	560
BSM 1700	1.70	1.86	1.87	44/60	20	660

Accessories and options

- + A roller in place of the fixed wheels.
- + 30X90 calibration grille.
- + Caster wheels.
- + Pick-up tooth kit.



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