



cosmos 

MECHANISED PRUNING FOR ALL YOUR ORCHARDS




Coup'écoc

UNE DIFFÉRENCE DE TAILLE



AN EXPERTISE DEDICATED TO NATURE

Know-how that takes care of the trees

COUP'ECO, a leading French manufacturer of cutting equipment, celebrated its 25th anniversary in 2020. Born in Charente-Maritime, in a natural environment that makes you want to preserve it, it has specialised in the manufacture of ecological cutting tools. This cutting technique is the only one that allows trees and hedges to be cut while preserving their appearance.

Thanks to these tools, COUP'ECO offers users the possibility of cutting tree and hedge branches straightforwardly, without chipping or shredding. This technique limits the development of diseases, promotes healthy vegetation growth and contributes to road safety.

Its tools are Lamier, the core business, which can be mounted on tractors, mechanical excavator, telescopic handlers, front loaders and other carriers. Thus, COUP'ECO configures its lamier to meet the needs of forest pruning, arboriculture and the maintenance of green spaces.

A team that listens to its customers

The sales team accompanies each customer to formulate their specifications and advise them in close collaboration with the Design Office. The latter develops catalogue products in-house and studies customised projects. The know-how we have enables us to advise our customers on the best way to choose and use the equipment. For several years now, COUP'ECO has been developing its international presence, which enables it to offer appropriate solutions to specific and customised pruning requirements.

The quality with which COUP'ECO associates its name is optimised by its manufacturing procedures, systematic internal control and the traceability of spare parts.

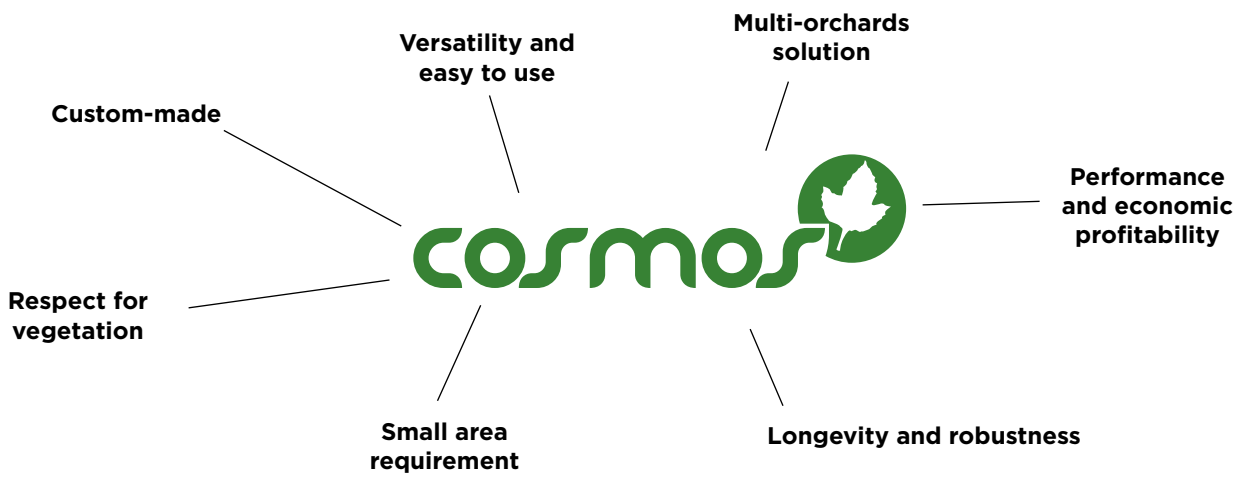
The spare parts shop dispatches original spare parts and parts that can be adapted to COUP'ECO tools. The after-sales service intervenes flexibly on all COUP'ECO machines.



CONTROL OF PRODUCTION COST



THE PERFECT RANGE FOR ALL ORCHARD CONFIGURATIONS



THE BENEFITS OF THE MECHANISED PRUNING

- Configuration for great heights
- Cost effective solution
- Time saving and long life
- Versatile and safe to work with
- Pruning equipments according to specifications
- Giving the tree a shape
- Increase fruit set and fruit quality
- Reduce the floral potential
- Increase thinning
- Balancing the vegetative and fruiting organs

COSMOS 105 / 105T	The reference	P 4-5
COSMOS 200 / 200T	Multi-orchards shaping	P 6-7
COSMOS 300 / 300L	Special fruit hedges	P 8-9
COSMOS 350 / 360	Multi-Lamier solution	P 10-11
COSMOS 101	Simplicity & Efficiency	P 12
CUSTOM-MADE	The Coup'Eco advantage	P 13



**INTERCHANGEABILITY
OF SAW BLADES INTO
FLAIL PLATES**

Perfect for green pruning



**TELESCOPIC
VERSION**

To prune higher (+1m)



LAMIER
3 to 7 saw
blades

**UPON
REQUEST**
Cutter bar
3m



TECHNICAL SPECIFICATIONS

Model	Lamier	Cutting height (m)		Cutting capacity (mm)		Cutting length (m)	Weight Cosmos + Lamier (kg)	Carrier weight (kg)
		Horizontal	Vertical	Saw blades	Knife plates			
COSMOS 105	4500	4.00	5.23	160	25	1.59	350 + 100	2500
COSMOS 105	5500	4.00	6.19	160	25	1.95	350 + 120	2500
COSMOS 105	6500	4.00	6.55	160	25	2.32	350 + 155	3000
COSMOS 105T	6500	5.00	7.55	160	25	2.32	400 + 155	3000
COSMOS 105T	7500	5.00	7.90	160	25	2.69	400 + 185	3000

KEY POINTS

- Outstanding curtain pruning capacities with the telescopic version
- Small area requirement
- Perfect solution for all types of orchards
- Effective pruning on branch diameters of up to 16cm in saw blades and 2.5cm in flail plates



OPTIONAL

Hydraulic power pack double pump

BIODEGRADABLE OIL

No draining for the life of the equipment*



TRANSMISSION BELT

Poly Vé 5 grooves



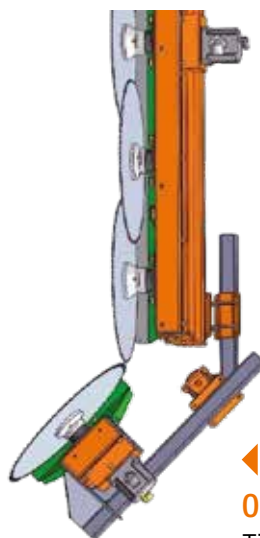
CONTROL PANEL

2 speeds : fast/slow



OPTIONAL

Tilt Lamier assembly



OPTIONAL

Front or rear three points hitching



PRUNING RESULT

A clean cut that does not damage the vegetation



CONTROL PANEL

Standard



COMPACT

To prune as close to the tractor as possible to the maximum offset

TELESCOPIC VERSION

Special machine for great heights



LAMIER

4 to 7 saw blades

INTERCHANGEABILITY OF SAW BLADES INTO FLAIL PLATES

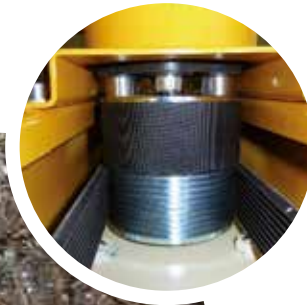


TECHNICAL SPECIFICATIONS

Model	Lamier	Cutting height (m)		Cutting capacity (mm)		Cutting length (m)	Weight Cosmos + Lamier (kg)	Carrier weight (kg)
		Horizontal	Vertical	Saw blades	Knife plates			
COSMOS 200T	4600	5.00	7.50	200	25	2.00	780 + 185	4000
COSMOS 200T	5600	5.00	8.00	200	25	2.47	780 + 220	4000

KEY POINTS

- Solution to get orchards in shape
- Front mounted for perfect visibility
- Double rotation sense of the knives for green pruning
- Telescopic version: up to 8m in curtain
- Remarkable saw blade cutting capacity: up to 20cm diameter

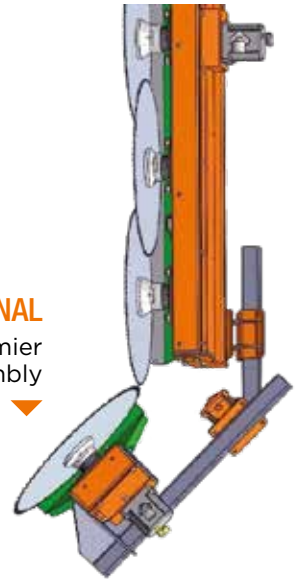


TRANSMISSION BELT

Poly Vé 10 grooves

OPTIONAL

Tilt Lamier assembly



OPTIONAL

Hydraulic power pack double pump



FRONT MOUNTING
For a better precision of size



OPTIONAL
Second Lamier mounting



BIODEGRADABLE OIL

Guaranteed 5 000 hours of use*

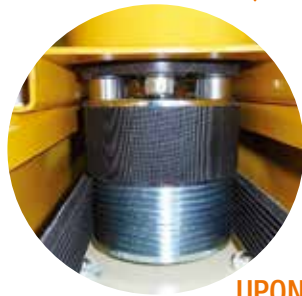
LAMIER

4 to 9 saw blades or flail plates



**TRANSMISSION
BELT**

Poly Vé 10 grooves



UPON REQUEST

Additional horizontal Lamier: to reduce the number of passes in the rows

**HYDRAULIC
OFFSET**

Stroke 70cm

**POSSIBILITY
OF HYDRAULIC
SUPPLY**

By the carrier

**FRONT
HITCH**

3 points



KEY POINTS

- Special multi-carriers
- Cutting length available up to 4.90m
- Cutting capacity up to 20cm
- Cutting speed in green up to 5km/hour



OPTIONAL
Cutter bar 3m for
Cosmos 300L

OPTIONAL
Function selector to control
cylinders



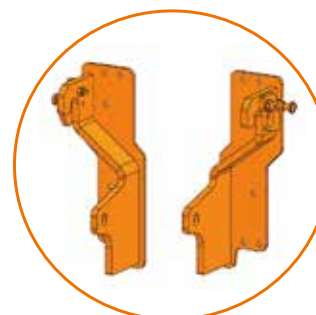
OPTIONAL
Hydraulic power pack
double pump for
Cosmos 300



◀ **MOUNTING ON
FRONT LOADER
TRACTOR AND
TELESCOPIC
HANDLER**



▲ **BIODEGRADABLE OIL**
No draining for the life of
the equipment*



◀ **OPTIONAL**
Hitching
bracket



**INTERCHANGEABILITY OF SAW
BLADES INTO FLAIL PLATES**

Perfect for green pruning



**CONTROL
PANEL**

To be
positioned in
the cabin



**TRANSMISSION
BELT**

Poly Vé 5 grooves



**HEIGHTS
CONFIGURATION**

Customized

**FRONT
MOUNTING**

For a total
visibility



KEY POINTS

- Double Lamier machine
- Possibility of being equipped with a system of passage under net to adapt to the dimensions of the orchards
- Mechanical or hydraulic retracting of the Lamier possible to avoid impacts with the posts
- Foot stand for storage after pruning
- Configuration of heights on specifications



◀ **OPTIONAL**
Tilt Lamier
assembly

◀ **LAMIER**
3 to 8 saw
blades



▶ **OPTIONAL**
Hydraulic power
pack double
pump

▶ **BIODEGRADABLE OIL**
Guaranteed 5 000 hours
of use*



- Versatility, dual use: mechanical pruning of orchards and maintenance of hedges and/or field edges
- Compact
- Adaptation on tractor from 1.5 tons



CONTROL PANEL

For an easy use

SIMPLE AND ECONOMICAL MODEL

Time saving



SIMPLICITY & EFFICIENCY

WORK TO THE RIGHT

Of the carrier

POSSIBILITY OF FRONT OR REAR HITCHING

To adapt to all kind of carriers

LAMIER
4 to 6 saw blades



HYDRAULIC POWER PACK

Standard incorporated in the chassis

INTERCHANGEABILITY OF SAW BLADES INTO FLAIL PLATES



BIODEGRADABLE OIL

No draining for the life of the equipment*

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COSMOS 101	5500	3.80	5.80	160	25	1.95	400 + 120	1500
COSMOS 101	6500	3.80	6.12	160	25	2.32	400 + 155	2000

CUSTOM-MADE

THE COUP'ECO ADVANTAGE

Consult us





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