

LAMIERS 

PRUNING CUTTER BAR RANGE



 Coup  éco

UNE DIFFÉRENCE DE TAILLE



EXPERTISE DEDICATED TO NATURE

Know-how that cares about trees

French manufacturer COUP'ECO, the leader in cutting equipment construction, celebrated its 25th anniversary in 2020. Founded in Charente-Maritime, in a natural environment that makes you want to conserve it, we specialise in manufacturing eco-friendly cutting tools. This cutting technique is the only way to prune trees and hedges while preserving their appearance.

With the help of these tools, COUP'ECO offers users the possibility to cut branches from trees and hedges cleanly, with no shredding or crushing. This technique reduces the possibility of disease, promoting healthy natural regrowth and contributing to road safety.

Our tools are Cutting Bars, our core business, and they can be mounted to tractors, mechanical excavators, telescopic booms, front loaders and other carriers. COUP'ECO designs its Cutter Bars to respond to needs related to forestry and arboriculture pruning and upkeep of natural spaces.

A team that listens to its customers

The sales team guides each customer in establishing the technical specifications and offers advice in close collaboration with the R&D team. The R&D team develops the catalogue of products internally and studies personalised projects. Our expertise means that we can advise customers and point them in the right direction when it comes to choosing and using the machines. For several years now, COUP'ECO has been developing an international presence, allowing us to offer appropriate solutions for specific and customised pruning requirements.

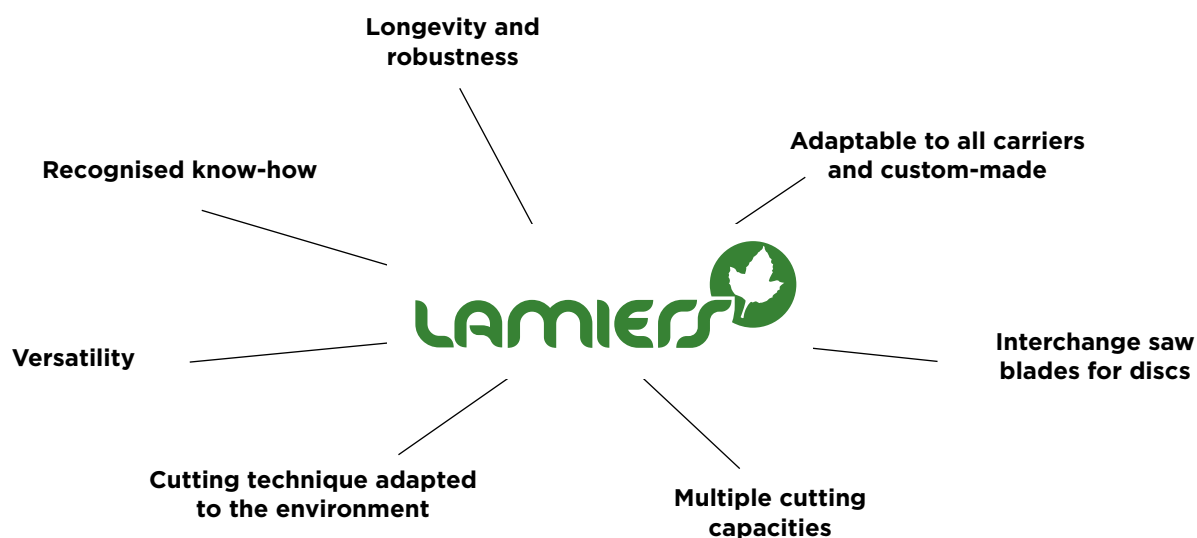
The quality with which the COUP'ECO name is associated is optimised by its manufacturing processes, systematic internal control and traceability of parts.

The warehouse dispatches original spare part and parts that are suitable for COUP'ECO Cutter Bars. The after-sales service can intervene flexibly with all COUP'ECO machines.

A CUTTING EDGE PARTNER TO MAINTAIN AND PROTECT VEGETATION



OUR CORE BUSINESS FOR 25 YEARS



| | | |
|----------------------|------------------------------------|----|
| LAMIERSS 420 | The benchmark in hedge trimmers | P4 |
| LAMIERSS 600S | Straight-lined trim | P5 |
| LAMIERSS 500 | Agriculture and arboriculture uses | P6 |
| LAMIERSS 600 | The reference in versatility | P7 |
| LAMIERSS 650 | For intensive work | P8 |
| LAMIERSS 900 | For pruning and shaping | P9 |

THE BENCHMARK IN HEDGE TRIMMERS

LAMIERS 
420

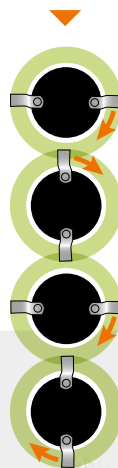


EQUIPPED
with 3 to 5 Ø420
synchronous knife
discs

OPTIONAL
saw blades kit



TRANSMISSION
by synchronous
belt



HYDRAULIC MOTOR
of choice depending
on the carrier flow



SPRAY SUPPRESSION
for a mulching effect

STRENGTHS LAMIERS 420

- Natural spaces cutter bar for trimming hedges on small mowers and self-propelled carriers
- The knife discs allow straight-line trimming along the hedge
- Several cutting lengths that adapt to different hedges in line with the capacities of the carrier

TECHNICAL CHARACTERISTICS

| Cutter bar | No. of blades / discs | Diameter (mm) | Cutting capacity (mm) | | Cutting length (m) | Hydraulic motor | Hydraulic flow and pressure | Rotation speed (RPM) | Weight (kg) |
|------------|-----------------------|---------------|-----------------------|------------|--------------------|---|--|----------------------|-------------|
| | | | Discs | Saw blades | | | | | |
| 3420 | 3 | 420 | 25 | 70 | 1.13 | 8 cm ³ ; 11 cm ³ ; 14 cm ³ | 28 L/min at 170 bar ; 40 L/min at 135 bar ; 50 L/min at 120 bar | 3500 | 65 |
| 4420 | 4 | | | | 1.49 | | | | 75 |
| 5420 | 5 | | | | 1.85 | | | | 85 |

STRAIGHT-LINED TRIM



TRANSMISSION ▶
by synchronous belt



◀ **OPTIONAL**
saw blades kit

▼ **OPTIONAL**
flow regulator and pressure limiter

▲ **EQUIPPED**
with 3 to 7 Ø600
flail discs

▲ **HYDRAULIC MOTOR**
drive gear or vane (depending
on the capacity of the carrier)



STRENGTHS LAMIERS 600S

- Versatile cutter bar for trimming ornamental and woody hedges
- Equipped with flail disks for straight-line trimming of ornamental hedges
- Interchange flail discs for saw blades for conventional pruning, optional
- Several cutting lengths that adapt to different hedges and the capacities of the carrier
- A spray suppression kit to reduce collection of residual cutting debris, optional
- Suitable for all types of carriers, mowers and brush cutter arms

TECHNICAL CHARACTERISTICS

| Cutter bar | No. of blades / discs | Diameter (mm) | Cutting capacity (mm) | | Cutting length (m) | Hydraulic motor | Hydraulic flow and pressure | Rotation speed (RPM) | Weight (kg) |
|------------|-----------------------|---------------|-----------------------|------------|--------------------|--|---|----------------------|-------------|
| | | | Discs | Saw blades | | | | | |
| 3600S | 3 | 600 | 25 | 100 | 1.5 | 22 cm ³ ; 43 cm ³ | 45 L/min at 170 bar ; 85 L/min at 95 bar | 2000 | 150 |
| 4600S | 4 | | | | 1.98 | | | | 185 |
| 5600S | 5 | | | | 2.41 | | | | 220 |
| 6600S | 6 | | | | 2.89 | | | | 265 |
| 7600S | 7 | | | | 3.35 | | | | 306 |



◀ **2 TYPES OF CUTTING TOOLS**
cutting discs or saw blades

▼ **OPTIONAL**
mechanical adaptation and hydraulic kit for all brands of hedge and grass cutters



▲ **EQUIPPED**
with 3 to 9 Ø500
saw blades

▲ **TRANSMISSION**
by multi-groove belt (x5)

STRENGTHS LAMIERS 500

- Versatile cutter bar for annual pruning
- Interchangeable cutting tool: saw blades for shaping and knife discs for maintenance pruning
- Several cutting lengths to adapt to different tree heights
- Cutter blade motor is adapted to the hydraulic flow of the carrier
- Protective shoe and casing

TECHNICAL CHARACTERISTICS

| Cutter bar | No. of blades / discs | Diameter (mm) | Cutting capacity (mm) | | Cutting length (m) | Hydraulic motor | Hydraulic flow and pressure | Rotation speed (RPM) | Weight (kg) |
|------------|-----------------------|---------------|-----------------------|------------|--------------------|--|---|----------------------|-------------|
| | | | Discs | Saw blades | | | | | |
| 3500 | 3 | 500 | 25 | 160 | 1.23 | 11 cm ³ ; 14 cm ³ ; 17 cm ³ | 27 L/min at 170 bar ; 36 L/min at 140 bar ; 42 L/min at 120 bar | 2500 | 86 |
| 4500 | 4 | | | | 100 | | | | |
| 5500 | 5 | | | | 120 | | | | |
| 6500 | 6 | | | | 155 | | | | |
| 7500 | 7 | | | | 185 | | | | |
| 8500 | 8 | | | | 215 | | | | |
| 9500 | 9 | | | | 250 | | | | |
| | | | | | | | | | |

THE REFERENCE IN VERSATILITY



▲
EQUIPPED
with 1 to 9 Ø600
saw blades

OPTIONAL
mechanical
adaptation
and hydraulic kit ▶



▼ **OPTIONAL**
stamped reinforced disc
for green pruning



▲
TRANSMISSION
by Poly V
multi-groove belt
(x10)

STRENGTHS LAMIERS 600

- Versatility: maintenance and shaping blade for country hedges
- Perfect for field perimeters on mowers, front loaders, telescopic booms or excavators
- Available cutting length up to 4m (arboriculture)
- Low maintenance and easy access to the inside of the cutter bar
- Protective shoe and casing provided
- Motor adapted to the hydraulic flow of the carrier

TECHNICAL CHARACTERISTICS

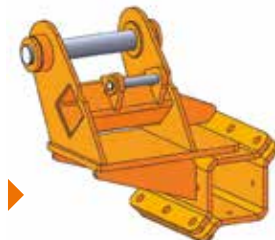
| Cutter bar | No. of blades / discs | Diameter (mm) | Cutting capacity (mm) | | Cutting length (m) | Hydraulic motor | Hydraulic flow and pressure | Rotation speed (RPM) | Weight (kg) | | | | | | | | |
|------------|-----------------------|---------------|-----------------------|------------|--------------------|--|--|----------------------|--|---|--|---|--|---|--|---|--|
| | | | Discs | Saw blades | | | | | | | | | | | | | |
| 1600 | 1 | 600 | 25 | 200 | 0.6 | 14 cm ³ ; 17 cm ³ | 30 L/min at 180 bar ; 35-45 L/min at 170 bar ; 85 L/min at 150 bar | 2000 | 40 | | | | | | | | |
| 2600 | 2 | | | | 1.07 | | | | 22 cm ³ ; 42 cm ³ | 85 L/min at 95 bar ; 45 L/min at 170 bar | 115 | | | | | | |
| 3600 | 3 | | | | 1.53 | | | | | | 22 cm ³ ; 42 cm ³ | 85 L/min at 95 bar ; 45 L/min at 170 bar | 150 | | | | |
| 4600 | 4 | | | | 2 | 22 cm ³ ; 42 cm ³ | 85 L/min at 95 bar ; 45 L/min at 170 bar | | | | | | 185 | | | | |
| 5600 | 5 | | | | 2.47 | | | | | | | | 22 cm ³ ; 42 cm ³ | 85 L/min at 95 bar ; 45 L/min at 170 bar | 220 | | |
| 6600 | 6 | | | | 2.91 | | | | | | | | | | 22 cm ³ ; 42 cm ³ | 85 L/min at 95 bar ; 45 L/min at 170 bar | 265 |
| 7600 | 7 | | | | 3.37 | | | | | | | | | | | | 22 cm ³ ; 42 cm ³ |
| 8600 | 8 | | | | 3.83 | 22 cm ³ ; 42 cm ³ | 85 L/min at 95 bar ; 45 L/min at 170 bar | | 346 | | | | | | | | |
| 9600 | 9 | | | | 4.29 | | | | 22 cm ³ ; 42 cm ³ | 45 L/min at 170 bar | 392 | | | | | | |

FOR INTENSIVE WORK



HYDRAULIC MOTOR
vane motor with integrated pressure limiter

OPTIONAL
hose kit and mechanical adaptation



INTERCHANGEABILITY
of blades with reinforced stamped discs

EQUIPPED
with 3 to 5 Ø650 saw blades

TRANSMISSION
by Poly V multi-groove belt (x12)



STRENGTHS LAMIERS 650

- The reference cutter blade for intensive pruning work
- Perfect for adapting to the arm of brush cutter mowers for public works on telescopic booms and hydraulic excavators
- Incomparable performance for professional applications
- Protective shoe and casing for Cutter Bar storage

TECHNICAL CHARACTERISTICS

| Cutter bar | No. of blades / discs | Diameter (mm) | Cutting capacity (mm) | | Cutting length (m) | Hydraulic motor | Hydraulic flow and pressure | Rotation speed (RPM) | Weight (kg) |
|------------|-----------------------|---------------|-----------------------|------------|--------------------|--------------------|-----------------------------|----------------------|-------------|
| | | | Discs | Saw blades | | | | | |
| 3650 | 3 | 650 | | | 1.58 | 42 cm ³ | 85 L/min at 140 bar | 2000 | 205 |
| 4650 | 4 | | 25 | 210 | 2.05 | | | | 250 |
| 5650 | 5 | | | | 2.52 | | | | 295 |

FOR PRUNING AND SHAPING



◀ **TRANSMISSION**
by double Poly V 12 groove belt



▲ **EQUIPPED**
with 1 to 2 Ø900 saw blades



▶ **MOTOR**
hydraulic vane motor
with integrated
pressure limiter

▶ **ATTACHMENT**
at the end with
100 x 100mm
double angled
tube



STRENGTHS LAMIERS 900

- The biggest saw diameter on the market
- Assembly to the excavator or brush cutter mower arm for pruning at great heights
- Remarkable cutting capacity with a single blade: branches up to 50cm in diameter

TECHNICAL CHARACTERISTICS

| Cutter bar | No. of blades / discs | Diameter (mm) | Cutting capacity (mm) | | Cutting length (m) | Hydraulic motor | Hydraulic flow and pressure | Rotation speed (RPM) | Weight (kg) |
|------------|-----------------------|---------------|-----------------------|------|--------------------|--------------------|-----------------------------|----------------------|-------------|
| | | | Saw blades | | | | | | |
| 1900 | 1 | 900 | 500 | | 0.9 | 42 cm ³ | 75 L/min at 180 bar | 1600 - 1900 | 185 |
| 2900 | 2 | | | 1.55 | 225 | | | | |



CUSTOM ASSEMBLIES: CONTACT US



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