

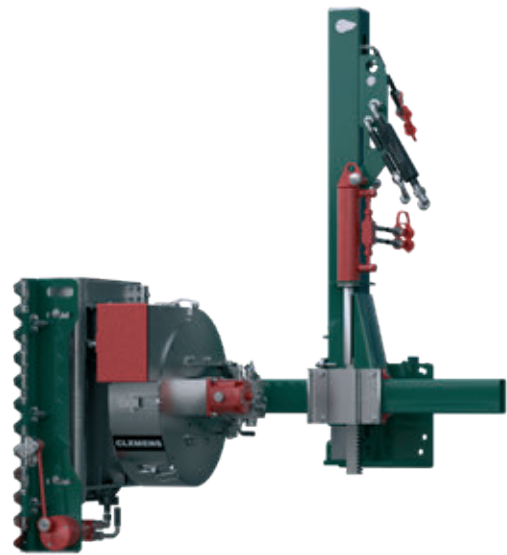
CANOPY MANAGEMENT



#INTELLIGENT
MECHANISATION

CANOPY MANAGEMENT LEAF REMOVER

Gentle defoliation from flowering to shortly before harvest.



The leaf remover is used for mechanical defoliation of the grape zone and can be used from flowering to shortly before harvest. The leaves are sucked in by a suction roller, plucked off by a counter-rotating roller and then blown forward into the vine row by a fan. The strong suction power thanks to the efficient fan wheel makes it possible to remove leaves gently and effectively even with little pressure on the leaf wall. The leaf remover can be optionally configured with a pre-cutting bar. Attachment to a 240° turning device with an integrated mast with a lifting height of 800 mm is possible.

Special features:

- Easy cleaning by swinging out the fan wheel
- Simple replacement of the rubber segments on the disk roller

- ✓ Simple structure
- ✓ Robust
- ✓ Easy cleaning



TECHNICAL DATA

Weight: about 85 kg

Length x width x height:
about 745 x 605 x 635 mm

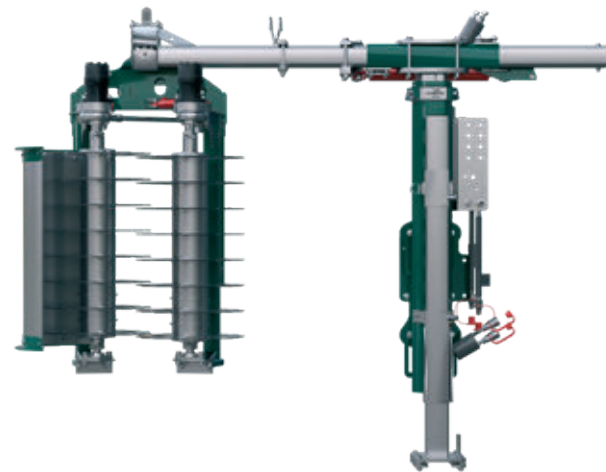
Oil requirement: about 15-24 l/min

SPECIAL FEATURES

- Easy cleaning by swinging out the fan wheel
- Easy replacement of the rubber segments on the disk roller
- Individual blades on the fan wheel can be replaced

CANOPY MANAGEMENT PRE-PRUNER

Variable use in spur or cane pruning training system.



The pre-pruner is used to remove the one-year-old wood and can be used in spur or cane pruning training system. The cutting head is equipped with a different number of cutting pairs depending on the conditions. The distance between the knives is 100 mm. This dimension can be reduced to half or increased by using different spacers.

The special hydraulic system of the pre-pruner allows a very precise work. Due to the quick opening and closing of the basket, hardly any shoots remain around the post. The maintenance-free pressure accumulator guarantees a continuous perfect reaction even after several working sessions.

- ✓ Variable
- ✓ Fast reaction
- ✓ Wear-resistant



TECHNICAL DATA

Size S

Weight: 250 kg
Distributors: 1 s.a.
Oil requirement, l/min: 30 l/min
Basket working length: max. 468 mm

Size M

Weight: 260 kg
Distributors: 1 s.a.
Oil requiremen, l/min: 30 l/min
Basket working length: max. 728 mm

AUTOMATIC OPENING SYSTEM

- Visual recognition of all post types
- Manual setting of the opening system via WEBAPP (iOS & Android)
- High working speed even with strong foliage wall
- Relief for the driver
- Perfect working result when going uphill or downhill and fast or slow working speed

CANOPY MANAGEMENT SHOOT BINDER EASYFIX

Environmentally friendly concept



The EASYFIX Shootbinder is not only environmentally friendly, but also user-friendly and reliable to operate, maintain and adjust. This work is further optimized by the use of the particularly smooth stapling cord. When using the leaf stapler, particular emphasis is placed on the gentle yet powerful lifting of the leaves, which protects the vines. The built-in stapling line brake system makes it easier for you to secure the line at the end of the row.

- ✓ Practice-oriented
- ✓ Reliable
- ✓ Environmentally friendly



TECHNICAL DATA

Hydraulic requirement basic unit: 1x s.a. with at least 25 litres and pressure-free return
options: 1x each d.e. (e.g. for lift mast)
Weight basic unit: about 260 kg
Weight incl. lift mast ATLAS: about 420 kg

Working speed: about. 5 km/h
Magazine capacity: 300 Clips
Tensile strength: yarn 750m/kg: 93 kg
yarn 900m/kg: 75 kg

SPECIAL FEATURES

- Very light: the machine weighs about 160kg
- Suitable for all types of vineyards
- Easy to use, maintain and adjust
- An ecological concept with biodegradable clips
- Yarn brake for pre-tensioning
- A built-in block to perform movement functions

CANOPY MANAGEMENT TRIMMER

Built for heavy-duty use with special service friendliness.



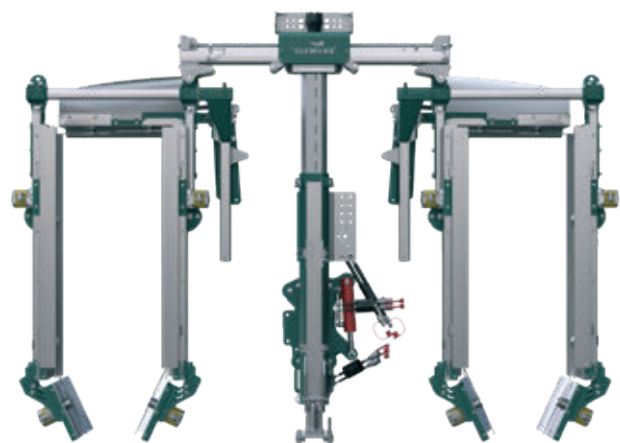
VITICULTURE



FRUIT GROWING



TREE NURSERIES



The particularly robust yet lightweight trimmer enables you to work on slopes as well as on large flat surfaces. A fully modular design leaves almost nothing to be desired. The cutter bars can be individually adapted to the respective requirements in their contours such as cutting angle, height and width or cutting pattern. The special sickle knives and splash guards on all knife carriers ensure a particularly clean cut of the vine shoots.

Special features:

- Easy belt change thanks to freely accessible drive train
- Maintenance-free V-ribbed belts for the knife drive no retensioning necessary
- Indirect knife drive via V-ribbed belt – Motor protection in case of collision
- Collision protection via gas pressure dampers on both vertical cutter bars
- Sickle knives (wire-repellent) turn downwards – less contamination of tractor and machine due to less stray plant parts
- Direction of rotation of the knives can be changed on request

- ✓ Variable
- ✓ Maintenance free
- ✓ Robust



TECHNICAL DATA

Weight: Depending on the configuration

Hydraulic requirement: 1x s.a. with pressure-free return for the trimmer

1x d.a. for the mast

1x d.a. for angle adjustment

1x d.a. for width adjustment

Oil requirement: Depending on the number of motors installed, from 15 up to 36 l/min

SPECIAL FEATURES



- Vertical cutter bar with 3 / 4 / 5 / 6 knives
- Undercut trimmer
- Horizontal cutter bar 2 or 3 knives
- Vertical cutter bar 3 / 4 / 5 expandable with undercut knife extendable (max. 45°)
- Hydraulic tunnel adjustment

- Hydraulic height adjustment from upper knife mechanically or hydraulically
- Angle adjustment of knife carrier
- 3-cutting knife

CANOPY MANAGEMENT MAST



VITICULTURE



FRUIT GROWING



TREE NURSERIES



ATLAS

The proven hexagonal profile impresses with its high load-bearing capacity and universal attachment.

- Suitable for increasing demands due to high load capacity
- Attachment of implements to lifting masts of other brands possible with adapter
- Attachment to existing KMS or ERO front console possible thanks to CLEMENS mount

TECHNICAL DATA

Hydraulic requirements: 1x d.a.
Weight (without components): approx. 100 kg
Length x width x height Lift mast (retracted):
about 190 x 300 x 1355 mm
Stroke (maximum): 950 mm



ATLAS LITE

The lightweight lift mast, with improved visibility when driving, is ideal for single-sided attachments weighing up to 300 kg.

- Significantly improved visibility of the road and implement, even with optional Z-kinematics
- Lower center of gravity simplifies use and reduces the load on the machines
- The precise lateral tilt makes problem-free working in any position possible
- Versatile lift mast for single-sided foliage handling machines up to 300 kg

TECHNICAL DATA

Lifting height (max.): 800 mm
Weight: approx. 135 kg
Dimensions (L x W x H):
approx. 190 x 590 x 275 mm
Hydraulic requirements: 2x d.a.
Angle adjustment: approx. 44°



TWIN PEAKS

The free-view lift mast enables efficient implement control, especially for large areas.

- Optimized visibility for the driver
- Integrated lateral tilt and Z-kinematics for comfortable travel
- Equipped with proportional hydraulics
- Control via C.Control Smart or Isobus
- PowerBeyond circuitry for tractors that are capable of load sensing
- Reduced fuel consumption of the towing vehicle
- Intelligent control for user-friendly operation and optimum efficiency
- External pump tank system for independent hydraulic solutions

TECHNICAL DATA

Weight: approx. 369 kg
Angle adjustment: +18° / -26°
Transport dimensions (L x W x H):
approx. 965 x 1548 x 2219 mm
Height min: 2219 mm
Height max: 3011 mm



EASYCUT LITE

The robust frame provides the best view of the tools.

- Flexible application on large, flat surfaces
- Mechanical and hydraulic width adjustment
- Easy belt change thanks to freely accessible drive train
- Maintenance-free ribbed V-belts for the blade drive – no retensioning necessary
- Only available in the double L version; other options the basic version with Atlas or Twin Peaks base carriers

TECHNICAL DATA

Weight: approx. 372 kg
Cutting width (min.): 1300 mm
Cutting width (max.): 2600 mm
Stroke (max.): 700 mm
Upper blade height adjustment max: 560 mm

CONTROL C-DRIVE

Intelligent control system with touchscreen and multifunction joystick.



Does your tractor not have enough control valves to operate several hydraulically operated devices or functions simultaneously? C.Drive lets you effortlessly control multiple single- and double-acting functions.

- ✓ Progressive
- ✓ Sustainable
- ✓ Intelligent

OPTIONS

- Presetting possible via CLEMENS application via smartphone



VITICULTURE



FRUIT GROWING



TREE NURSERIES

Control via the tractor

TRACTOR HYDRAULICS



SUPPLY
DEPENDENT ON THE NUMBER
OF FUNCTIONS VIA THE TRACTOR

FUNCTIONS
MAX. 1 S.A. + 4 D.A.

- i** For greater operating comfort, hydraulic blocks are your ideal solution for machines with higher hydraulic requirements or insufficient control units on your tractor. They offer precise control, an intuitive operating concept and reduce the number of hose lines.

Control via attached blocks

SWITCHES



SUPPLY
1 S.A. + 1 D.A. VIA THE TRACTOR

FUNCTIONS
MAX. 1 S.A. + 5 D.A.

- i** A double-acting control unit on your tractor can be extended to up to 5x DA by means of switches. Control is implemented either by joystick or by tractor joystick and signal sockets.

BLACK/WHITE VALVE



SUPPLY
1 S.A. VIA THE TRACTOR

FUNCTIONS
MAX. 1 S.A. + 4 D.A.

- i** The black/white valve supplies the oil to your CLEMENS machine and up to 4 double-acting movement functions with oil. The C.CONTROL COMFORT joystick is used for effortless control at the touch of a button.

PROPORTIONAL VALVE



SUPPLY
1 S.A. OR POWERBEYOND
VIA THE TRACTOR

FUNCTIONS
MAX. 2 S.A. + 9 D.A.

- i** The proportional block supplies the oil to your CLEMENS machine and up to 9 double-acting movement functions with oil. The valves offer sensitive and fully adjustable operation. Control is implemented by the C.CONTROL Smart joystick with ergonomic thumb joystick or, in the case of tractors with an Isobus interface, the C.CONTROL Isobus. With the CLEMENS Smart app, you can individually configure the joysticks and buttons of the C.CONTROL Smart, while the controls of the C.Control Isobus can be customized on the tractor terminal.

CONTROL C-SMART

Optimum drive control with the proportional block – precise, efficient and customizable for your CLEMENS machine.



Your machine can be operated using the C.CONTROL Smart joystick, which is equipped with ergonomic thumb joysticks. This design guarantees convenient and intuitive handling during operation. Another highlight is the CLEMENS Smart App, which lets you configure the C.CONTROL Smart individually. This adaptability allows you to design operation entirely according to your personal preferences and requirements.

The proportional block supplies the drives of your CLEMENS machine and enables separate control even with double-sided machines. Up to nine double-acting movement functions are also available. The proportional valves integrated in this block are characterized by their sensitive and fully adjustable operation, enabling you to control the machine with maximum precision and resulting in improved work quality and productivity.

It is also possible to supply the proportional block with oil by means of the PowerBeyond function (if available on the tractor). The use of PowerBeyond helps increase efficiency and therefore leads to significant fuel savings.

The C.CONTROL Isobus is available for tractors equipped with an Isobus interface. With the C.CONTROL Isobus, the operating elements can be customized on the tractor terminal.

Overall, the proportional block, combined with the control systems, offers a highly customizable and efficient solution for operating your machines, significantly increasing both performance and comfort during use.

- ✓ Intelligent
- ✓ Precise
- ✓ C-Smart-App



VITICULTURE



FRUIT GROWING



TREE NURSERIES



OPTIONS

C-Control Evolution Plus:
Joystick with 3 Thumb control

C-Control Evolution:
Joystick with 1 Thumb control

App-Connect:
(App on Smartphone)

VITICULTURE APP MOOSLE

Less paperwork. More viticulture.



Moosle is a state-of-the-art cloud software solution that provides you with detailed and smart support throughout your outdoor operations. Whether it's a job index, task planning, documentation, inventory monitoring, integration of telemetry or analysis of your workflows: You have everything you need for efficient operations management under one roof, without having to sacrifice time for complex administration. It doesn't matter whether you use Moosle with a mobile phone, tablet or PC: All functions are always available to you - even in a dead zone. In addition to built-in navigation functions, the user-friendly Moosle app is currently available in 12 different languages, so that every worker can enjoy the benefits of the app without any misunderstandings.

- ✓ Simple operation
- ✓ Time-saving
- ✓ Modular

LIVE-TRACKING

The tractor operator can additionally record his work by GPS and thus no longer has to worry about forgetting individual areas. Not even when driving with multiple machines, because the progress synchroni-

zes on all devices in real time. As a boss, you always have an overview of where your employees are currently working.



VITICULTURE



FRUIT GROWING



TREE NURSERIES



Easy registration,
test immediately!

PLANT PROTECTION/ FERTILIZER

The inventory of all consumables can be managed in Moosle. Especially the consumption of pesticides and fertilizers are documented separately and prepared professionally. This way, even organic winegrowers can calmly look at the documentation.

TASK PLANNING

With the program, work orders can be sent to all employees in seconds. If workers are not familiar with your vineyards, they can be guided to the fields via our fully integrated navigation function. While they work through the task, the winemaker

HIGHLIGHTS

- Smart Impact file
- Claims management
- Machine management
- Documentation
- Stock monitoring
- Multilingual
- Analysis of the work flow
- Integration of telemetry (indiv. settings)

always has an overview of the current progress and can view detailed evaluations of hectare speeds and other key figures of the work progress.



„With Moosle, we have found a software that makes life easier for us. We effortlessly document our crop protection additionally because we have Moosle running on our mobile phone in the tractor.“

JÖRG BERNHARD - WEINGUT BERNHARD

SERVICE

In close cooperation with universities, educational establishments and customers, Clemens is constantly developing new products and ideas. In 2009 the founder, Mr. Bernard Clemens, in recognition for his commitment to the preservation and promotion of wine culture in the steep vineyards of the Mosel. Participation in international trade fairs, continuous product development, opening up new markets and expansion of the product range as well as investments in modern machinery will continue to ensure the growth of growth of the Clemens company in Wittlich, Germany. The Clemens company is distinguished by its ex-

extremely robust and reliable and reliable devices. In addition, we have a large assortment of spare parts with more than 30,000 articles. In addition, we offer a customer service which, upon request, can repair or service your equipment on site. For further questions on the subject of service and demonstrations we will be pleased to help you under the telephone number 0049 6571 929-0.



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NOTES



Since its foundation in the year 1952 by Bernard and Mathias Clemens, the CLEMENS Company has been producing vineyard and agricultural machines with superior strength and durability. The company develops, produces and distributes innovative and high-quality products, such as the „CLEMENS-RADIUS“ stock scraper, the versatile „HEXAGON“ frame, the „MULTICLEAN“ mulching brush and the „Precutter“ with an automatic camera opening system. CLEMENS machines are the key to successful vineyard management.

In addition, the company manufactures machines that are individually tailored to customer requirements in the area of special machine construction. More than 80% of all products are exported all over the world, which shows the strength and demand of our machines. Currently CLEMENS is represented in more than 35 countries.

