

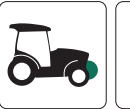
TECHNOLOGY FOR ROW CULTURES



CLEMENS
TECHNOLOGIES

#INTELLIGENT
MECHANISATION

UNDER VINE CARE RADIUS



RADIUS SL

The well-known intervine blade ensures clean work at high working speeds.

- Versatile cultivation options
- Environmentally friendly weed control
- For a wide range of soil conditions, vegetation and crop types
- Less drought stress, promoting soil revitalisation
- Clean work due to sensitive sensor technology
- Simple operation

TECHNICAL DATA

Oil requirement per unit: about 6-10 l/min

Weight (without accessories): about 33,5 kg

Weight blade share + sensor rod: about 2,8 – 5,1 kg (depending on length)

Length x width x height: about 430x300x500 mm



RADIUS SL PLUS

The top seller is perfect for the versatile combination with animated tools.

- Versatile cultivation options
- Environmentally friendly weed control
- Thanks to a flexible flange point to which different working shafts and tools can be mounted
- For a wide range of soil conditions, vegetation and cultivation forms
- Clean work due to sensitive sensor technology
- Simple operation

TECHNICAL DATA

Oil requirement per unit: about 6-10 l/min

Weight:

Basic device: about 35 kg

Rotary tiller: about 23 kg

Length x width x height: about 430x300x500 mm



RADIUS D

Double-acting Radius with high precision thanks to the innovatively designed hydraulic valve.

- New generation of double-acting weed control, thanks to the proportional valve technology, which enables precise work
- By signaling the hydraulic valve, a tool can be hydraulically swung in and out hydraulically
- Navigating around the vine parallel to the speed of the tractor
- Work without damaging bark or roots

TECHNICAL DATA

Oil requirement per unit: about 3-16 l/min

Weight:

Basic device: about 43 kg

Blade share/sensor rod lengths: about 370/500/620 mm

Length x width x height: about 170x330x440 mm



RADIUS M

Mechanical intervine blade that works without electrical and hydraulic components.

It does not require any electrical or hydraulic components, as the device works exclusively with spring force and thus mechanically. Its main areas of application are older existing plants with lighter soil conditions and vineyards with few weeds. It is also suitable for attachment to smaller caterpillars, robots & high-wheel tractors.

TECHNICAL DATA

Weight: about 23 kg

Length x width x height: about 430 x 300 x 500 mm

UNDER VINE CARE RADIUS SL

The well-known intervine blade ensures clean work at high working speeds.



VITICULTURE



FRUIT GROWING



TREE NURSERIES



The robust intervine blade is not afraid of anything and is therefore the environmentally friendly alternative to chemical weed control. Thanks to a wide range of mounting options at the rear, in the mid-mount or at the front (also on both sides) and a large number of accessories, the RADIUS SL has been tackling a wide variety of soil conditions, vegetation and crops worldwide for decades. The weeds decompose naturally due to the mechanical treatment of the understock area. By destroying the capillaries, you also benefit from less drought stress, soil revitalization and promotion of soil fertility. In addition to high performance with working speeds of up to 10 km/h, the sensitive sensor technology of the RADIUS ensures clean work around the cane. At the same time, you benefit from a simple operation.

- ✓ Ecofriendly
- ✓ Robust
- ✓ Simple handling



TECHNICAL DATA

Oil requirement per unit: about 6-10 l/min

Weight (without accessories): about 33,5 kg

Weight blade share + sensor rod: about 2,8 - 5,1 kg
(depending on length)

Length x width x height: about 430x300x500 mm



„We have been using the RADIUS for 30 years. We continue to trust the brand for its evolution and reliability.“

THIERRY AND FABIEN GÄIDE, WINERY JULIEN DE L'EMBISQUE (50 HA)

UNDER VINE CARE RADIUS SL PLUS

The top seller is perfect for the versatile combination with animated tools.



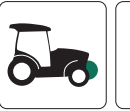
VITICULTURE



FRUIT GROWING



TREE NURSERIES



The RADIUS SL PLUS cane weeder offers all the advantages of the RADIUS SL and much more. Versatile attachment options for powered tools enable efficient and environmentally friendly weed removal for all row crops.

The basis for the robust RADIUS SL PLUS is the proven technology of the RADIUS SL. By adding springs and a different working shaft, driven attachments can be quickly fitted in addition to the flat coulter, giving you even more mounting options. This means that you always have the right implement at hand for different soil conditions and types of vegetation to remove weeds from your row crops without chemicals. The sensitive sensor technology with the flat coulter ensures optimum working results at a high working speed of up to 10 km/h.

- ✓ Ecofriendly
- ✓ Robust
- ✓ Versatile



TECHNICAL DATA

Oil requirement per unit: about 6 - 10 l/min

Weight:
Basic device: about 35 kg
Rotary tiller: about 23 kg

Length x width x height: about 430x300x500 mm

Blade share/sensor rod lengths: 500/620 mm

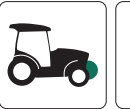


„After we had tried multiple machines, it was the CLEMENS machine that convinced us for the work we want to do.“

JEAN SARET, WINERY CAVE DES HAUTES VIGNES (75 HA)

UNDER VINE CARE RADIUS D

Double-acting Radius with high precision thanks to the innovatively designed hydraulic valve.



Radius D represents a new generation of double-acting weeders in the field of undervine care, thanks to the proportional valve technology that allows extremely precise work. This proportional technology opens up some more surprising application possibilities for the winegrower.

The innovative operation of the Radius D is based on the machine's ability to hydraulically swing a tool such as a clearing share in and out with a double movement, mechanically controlled by a signal from a very sensitive hydraulic valve that feels its way around the vine and operates in proportion to the speed of the tractor. The valve is practically in the middle of the unit, so there are no external hoses.

This proportional pivoting movement carefully guides the implement around the trunk of the vine without damaging the bark or the roots.

- ✓ Double acting
- ✓ Precise
- ✓ Innovative



TECHNICAL DATA

Oil requirement per unit: about 3-16 l/min

Weight: about 43 kg

Blade share/sensor rod lengths: about 370/500/620 mm

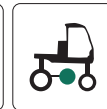
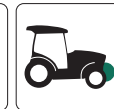
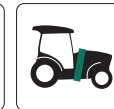
Length x width x height: about 170x330x440 mm

“

„Why did you buy CLEMENS?“
„Robustness, versatility and numerous tool combinations“

EMILIE ET BENJAMIN, WINERY DOMAINE DE LA GRANDE CANAGUE (60 HA)

ACCESSORIES FOR RADIUS SL PLUS / D



RADIUS D



ROTARY TILLER

- Soil is broken up with a flat coulter, then broken up by the rotary cultivator and depending on the speed of rotation also cleared away
- If conditions are not too extreme, cultivation through the rotary cultivation alone is possible, for example in very loamy, loosened soils
- This avoids clogging between the rotor and flat coulter
- Recommended: Combination of the rotary cultivator and flat coulter

TECHNICAL DATA

Oil requirement: 35 l/min
Weight: about 23 kg
Applicable for RADIUS SL PLUS and RADIUS D



MOWER

- The mower (Ø 400 mm) pivots hydraulically between the vines, to mulch the vegetation with two blades
- A protecting ring around the support disk prevents the vine from being damaged

TECHNICAL DATA

Oil requirement: 20 l/min
Weight: about 35 kg
Applicable for RADIUS D



DRIVEN DISCS

- The discs (2 pcs.) are used to pull out soil of the vine interspace, for ploughing back or to ridge, for example for a better placement of slurry and dung.
- In addition to the sensor rod, the disc unit is equipped with a deflecting rail, which pushes the unit away from the vine in case the sensor rod is not triggered, thus preventing injuries and damages to the plant.

TECHNICAL DATA

Oil requirement: 20 l/min
Weight: about 42 kg
Applicable for RADIUS D



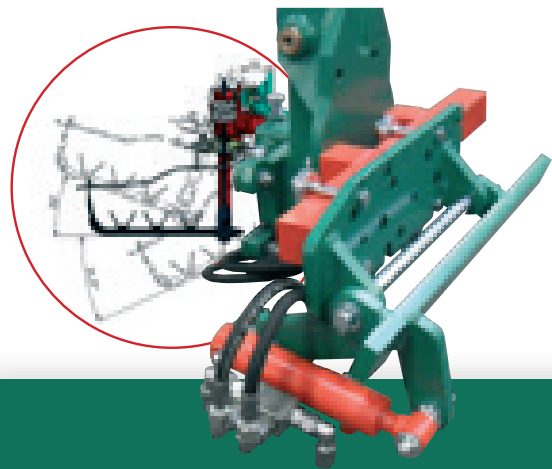
CLEARING BODY

- Can clear dams and large quantities of soil between vines or trees perfectly into the row.
- The clearing body is guided around vines by means of a parallelogram & sensor
- With adjustable sensor it is possible to work closer or at a safer distance from the vines
- However, if contact with an object occurs, the overload protection triggers and the clearing body swivels to the side

TECHNICAL DATA

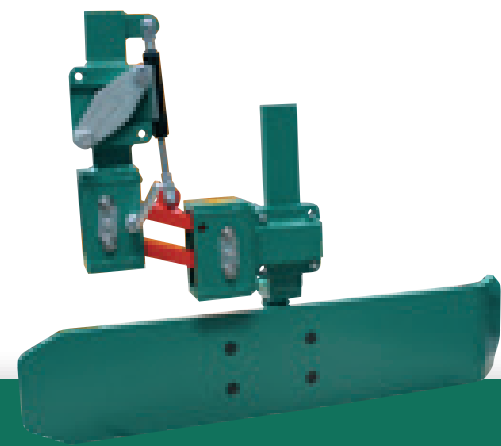
Oil requirement: 3 - 8 l/min
Gewicht (mit RADIUS): about 120 kg
Applicable for RADIUS D

ACCESSORIES FOR RADIUS SL, SL PLUS & D



SIDE SLOPE CORRECTION

With the slide slope correction you can change the angle of the RADIUS to adapt the position perfectly to the condition in slopes. You can choose between hydraulic or mechanical versions. This unit can be mounted on the tool carriers HEXAGON & SB Frames and also on the column lifters S2R and S5.



SOIL & STONE DEFLECTOR

The soil & stone deflector is mounted behind the RADIUS to keep the cover crop clean of soil and stones. It comes with a parallelogram for ground adaptation. Different adjustment possibilities allow flexibility to achieve the desired results.



COMPACT LIFTER

Very compact lifter to protect the grape zone. Lifting height 300 mm.



C.CONTROL BASIC

The C.CONTROL BASIC (electromagnetic manual control) enables the Radius to be operated from the tractor cab.



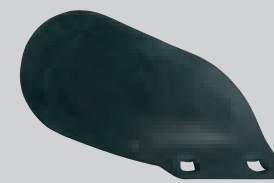
SENSING SHARE

To mount on the blade 370 / 500 / 620 mm



PIVOTING CLOD BREAKER

To mount on the blade 370 / 500 / 620 mm



CLEARING SHARE

To mount on the blade 370 / 500 / 620 mm

TECHNOLOGY FOR RADIUS SL & SL PLUS



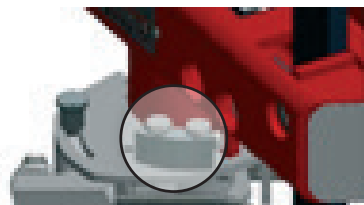
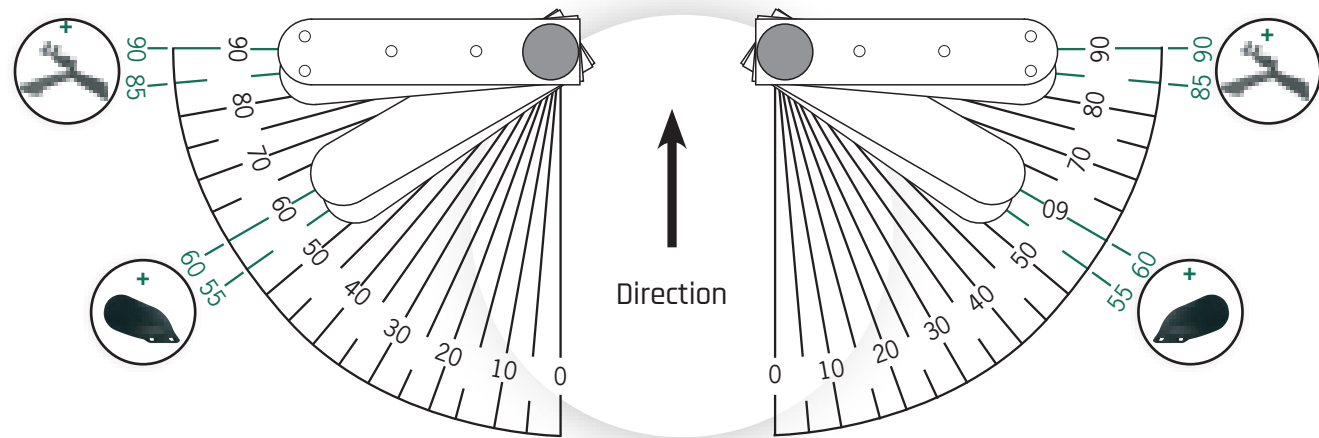
VITICULTURE



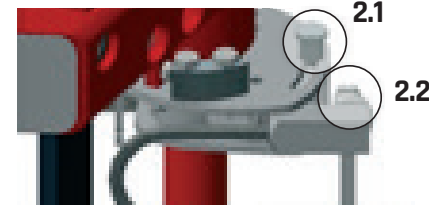
FRUIT GROWING



TREE NURSERIES



1



2



PULLING CUT

The blade of our Around-The-Vine Weeder can be adjusted to four different operating angles: 90°, 85°, 60° and 55°. With the Radius, it is possible to set a so-called „pulling cut“ of the blade.

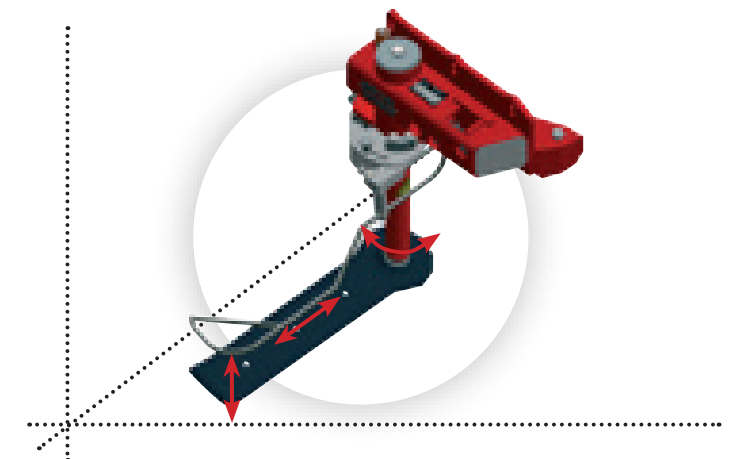
This, in combination with the pivoting clod breakers, ensures that the loosened soil is spread optimally. To put the blade in this position, loosen the cylinder bolt (1) and screw it into the threaded hole provided.



SENSOR ROD SETTINGS

The adjustment of the sensor rod is quick and easy: Lift the button (2.1) on the sensor unit and move the rod forwards or backwards as desired. When driving on a slope it is advantageous to move the sensor rod a little bit in front of the blade.

The same applies if the plants have grown somewhat obliquely (leaning forward) or if the driving speed is higher than 8 km / h. The sensor height can be adjusted using the screw and lock nut on the clamping piece (2.2).



UNDER VINE CARE GSP DISK

Sustainable weed control in the understock area.



The GSP disk provides you with cost-effective support in the battle for a weed-free and well-loosened vineyard. By interrupting the capillaries, the water balance remains even. At the same time, the use of the disc plough enables you to achieve simple and sustainable weed control by covering with soil. Thanks to high travel speeds, you can achieve high area outputs. You can adapt to all soil types without the need for herbicides.

- ✓ Hilling up
- ✓ Clearing
- ✓ Weed control



TECHNICAL DATA

Weight: about 27 kg

Length x width x height: about 800 x 450 x 430 mm

Diameter of the disk: 450 mm



“

„Why trust CLEMENS equipment?
„It's the best equipment on the market!“

MR BOURGUE, WINERY DE LA CITADELLE (40 HA)

UNDER VINE CARE FINGER ROLLER

Uniform processing of the surface thanks to discs of different sizes.



VITICULTURE



FRUIT GROWING



TREE NURSERIES



Does everything always have to be hydraulic? No - the easily adjustable finger roller can also provide efficient mechanical weed control. It is the tool of choice on steeper slopes in particular, as the serrated shape of the finger roller prevents the formation of edges that could develop into water channels and encourage erosion. The combinable finger hoe breaks the soil and thus the capillary, loosens roots from the soil and pushes the soil slightly so that the vegetation is disturbed. You can set the tilt and angle individually using two adjustment axles. The inner disc is smaller in diameter so that both discs run at the same soil level.

- ✓ Combinable
- ✓ Erosion control
- ✓ Suitable for steep slopes



TECHNICAL DATA

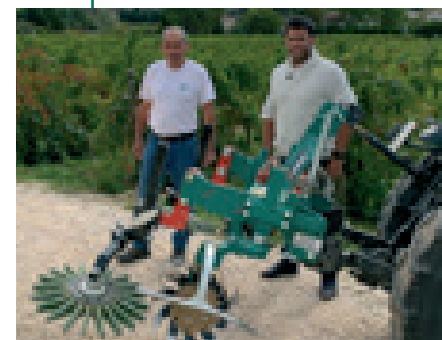
Weight: about 40 kg (Model with 2 disks)
about 50 kg (Model with 3 disks)

Length x width incl. mounting bar
about. 890 x 540 mm

Depth: about 330 mm (Model with 2 disks;)
about 460 mm (Model with 3 disks;)

Working width depending on the position of the disks:
about 200 mm (Model with 2 disks)
about 300 mm (Model with 3 disks)

Working speed: about 7 to 8 km/h
Thickness of the disks: 8 mm



“

Because of the brand CLEMENS and the outstanding customer service through the distributor.

JEAN-LUC AND LOIC EVESQUE, WINERY DOMAINE SAINT ALBAN (60 HA)

UNDER VINE CARE FINGER HOE

Unique solution for young plants and plants with crooked canes in various sizes.



VITICULTURE



FRUIT GROWING



TREE NURSERIES



The finger hoe removes soil and weeds safely and gently directly around the vine and is ideal for young plants or plants with very crooked trunks. You can achieve a clean result if you work in combination with the RADIUS SL or RADIUS SL PLUS flat share first with the sensor at the foremost position and therefore safest position, as this creates an island (also known as a shadow) around the vine. The finger hoe is available in different sizes and hardeness. It can be used in combination with various machines for the under-vine area.

- ✓ For young plants
- ✓ Combinable
- ✓ Safe



TECHNICAL DATA

Weight: about 13 kg (Model 370 mm)
about 26 kg (Model 540 mm)
about 42 kg (Model 700 mm)

Length x width x height:
about 800 x 370 x 500 mm (Model 370 mm)
about 1050 x 540 x 450 mm (Model 540 mm)
about 1100 x 700 x 550 mm (Model 700 mm)

Colors / Strength: green/hard
yellow/medium



“

„Because of the quality and the good relationship to the distributor.“

JÉRÔME OBERTI, WINERY CHÂTEAU SAINTE ROSELINE (110 HA)

UNDER VINE CARE MULTICLEAN

Popular mulching brush with low-vibration cord in various sizes.



With the MULTICLEAN mulching brush, you can remove stem and cane shoots as well as water shoots and at the same time control weeds in the inter-vine area without interfering with the soil structure. The extremely robust and smooth cords of the string unit protect fruit trees and vines during work. Thanks to its special shape, the conical aluminum shaft of the mower brush runs quietly and with low vibration through your row crops, so that weeds can be effectively removed even when working at 1100 rpm. As the MULTICLEAN can be used in different areas, it is available in different sizes.

- ✓ Low-vibration
- ✓ Sucker removal
- ✓ String device



TECHNICAL DATA

Hydraulic requirement: 1x s.a.
Oil requirement:
Model Standard: 16 – 24 l/min
Model XS: 16 – 40 l/min
Model XL: 22 – 24 l/min
for two-sided operation series connection
Weight: Model Standard: about 40 kg
Model XS: about 37 kg
Model XL: about 90 kg

Clearing height: Model Standard: about 580 mm
(at 37,5° inclined position)
Model XS: about 400 mm
(at 37,5° inclined position)
Model XL: about 460 mm
(inclination not adjustable)



“

„Why do you trust the material from CLEMENS?“
„In my organic strategy for floor cleaning, the Multiclean is a good choice. A safe solution, regardless of the weather in spring.“

MR JEAN, CHÂTEAU LES SIGNALS (75 HA)

TOOL CARRIERS SB FRAMES



VITICULTURE



FRUIT GROWING



TREE NURSERIES



SB COMPACT

Compact and robust solution for narrow rows with many possible combinations.

- For narrow rows
- Two-sided tool carrier
- Hydraulic width adjustment 540 mm
- All attachments for the understock area can be mounted
- Three-point oscillating frame attachment possible

TECHNICAL DATA

Hydraulic requirement: 1x d.a.
Weight without attachments: about 150 kg
Frame adjustment: 750 - 1290 mm
Three-point category: Cat. 1/2

For row widths with RADIUS:
370 blade: 1490 - 2030 mm
500 blade: 1750 - 2290 mm
620 blade: 1990 - 2530 mm



SB 2

Compact multifunctional frame to accommodate modern understock care systems.

- Two-sided tool carrier
- Hydraulic width adjustment 1000 mm
- All attachments for the understock area can be mounted
- Three-point oscillating frame attachment possible

TECHNICAL DATA

Hydraulic requirement: 1x d.a.
Weight without attachments: about 175 kg
Frame adjustment: 1010 - 2010 mm
Three-point category: Cat. 1/2

For row widths with RADIUS:
370 blade: 1750 - 2750 mm
500 blade: 2010 - 3010 mm
620 blade: 2250 - 3250 mm



SB MONO

Slim tool carrier for permanent one-sided understock care.

- One sided tool carrier
- Optionally right or left sided
- Hydraulic width adjustment 500 mm
- All attachments for the understock area can be mounted

TECHNICAL DATA

Hydraulic requirement: 1x d.a.
Weight without attachments: about 103 kg
Frame adjustment: 960 - 1460 mm
Three-point category: Cat. 1/2

For row widths with RADIUS:
370blade: 1330 - 1830 mm
500blade: 1460 - 1960 mm
620 blade: 1580 - 2080 mm



SB ORCHARD

Slim tool carrier for permanent one-sided understock care.

- For extra wide rows
- Two-sided tool carrier
- Hydraulic width adjustment
- All attachments for the understock area can be fitted
- Three-point oscillating frame attachment possible

TECHNICAL DATA

Hydraulic requirement: 1x d.a.
Weight without attachments: about 175 kg
Frame adjustment: 2258 - 3258 mm
Three-point category: Cat. 1/2

For row widths with RADIUS:
370 blade: 3000 - 4000 mm
500 blade: 3260 - 4260 mm
620 blade: 3500 - 4500 mm

TOOL CARRIER & CULTIVATOR HEXAGON



VITICULTURE



FRUIT GROWING



TREE NURSERIES



WITH COMPACT LIFTER & FINGER ROLLER

- Hydraulic width adjustment
- Hexagonal profile ensures stability under extreme loads
- Front or rear attachment
- Can be combined with lifters such as Compact or S5
- Optionally with slope corrector



WITH COMPACT LIFTER & RADIUS SL PLUS

- Hydraulic width adjustment
- Hexagonal profile ensures stability under extreme loads
- Front or rear attachment
- Can be combined with lifters such as Compact or S5
- Optionally with side tilt



WITH FINGER ROLLER/HOE & WING CHISEL TINES

- Row is completely cultivated in one pass
- Separates the vegetation without destroying it



WITH BISON TINES

- To aerate the compacted rows
- To promote root growth and water absorption

TECHNICAL DATA

Frame width:

Hexagonal base frame:
with hydr. adjustment width:

685 mm
782 - 1182 mm

825 mm
922 - 1462 mm

1140 mm
1240 - 2100 mm

Working width:

with chisel and wing share:

1185 - 1585 mm

1325 - 1860 mm

1640 - 2500 mm

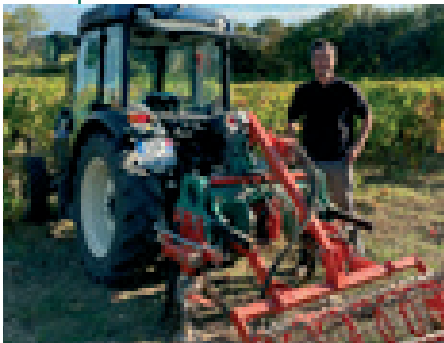
Row width:

with chisel and wing share:
with RADIUS SL blade 370:
with RADIUS SL blade 500:
with RADIUS SL blade 620:

1500 - 1900 mm
1505 - 1905 mm
1785 - 2185 mm
2025 - 2425 mm

1600 - 2150 mm
1645 - 2180 mm
1925 - 2460 mm
2165 - 2700 mm

2000 - 2900 mm
1950 - 2820 mm
2240 - 3100 mm
2480 - 3340 mm



“

„In my opinion, the best machine on the market. Very short frame, easy to assemble and disassemble. This is already my second purchase.“

OLIVIER AND RÉMI KLEIN, WINERY DOMAINE REMEJEANNE (35 HA)

CULTIVATOR TERACTIV



VITICULTURE



FRUIT GROWING



TREE NURSERIES



TERACTIV FLEX

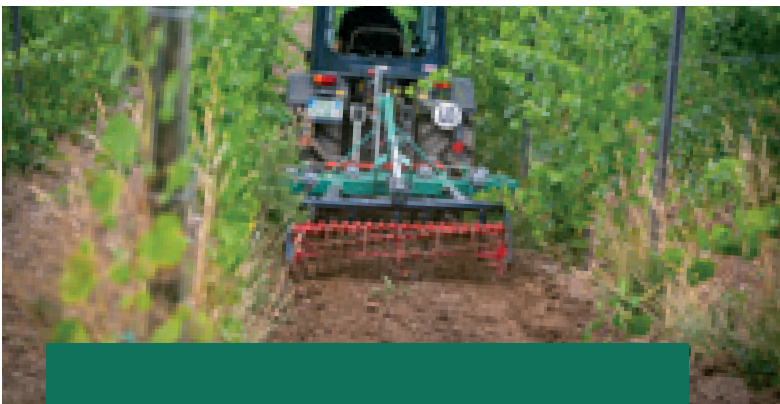
Hydraulic width adjustment for many combinations.

- Good incorporation of greenmanure
- Combinations with: RADIUS SL, RADIUS SL PLUS, GSP disc, finger roller & finger hoe
- Working depth adjustable via top link between implement frame and roller frame
- Can be equipped with 3, 5 or 7 spring tines depending on working width & loosening intensity
- Compact attachment with 5 tines (for good mixing) can also be implemented by attaching offset tines

TECHNICAL DATA

Hydraulic requirement: 1x d.a.
 Weight without attachments: about 675 kg
 Frame adjustment mechanical: 1376 – 1916 mm

Row width with RADIUS:
 370 share: 2116 – 2656 mm
 500 share: 2376 – 2916 mm
 620 share: 2616 – 3156 mm



TERACTIV EASY

Reliable mixing and aeration of the soil.

- Good incorporation of greenmanure
- Frame construction as a rigid variant and therefore guarantees stability in difficult ground conditions
- Height guidance via support roller, which is mechanically adjusted via top link
- Cranked tines allow rows from 1.80 m wide to be cultivated

TECHNICAL DATA

Hydraulic requirement: none required
 Weight without attachments: about 450 kg
 Frame adjustment: 1180 – 1660 mm

Row width with RADIUS:
 370 share: 1920 – 2400 mm
 500 share: 2180 – 2660 mm
 620 share: 2420 – 2900 mm



TERACTIV DUO

Alternating cultivation of open and green rows.

- Good incorporation of greenmanure
- RADIUS SL mounted on both sides
- Alternating cultivation of open & green rows possible: Complete cultivation of the row and maintenance of planted alleys in the understock area by RADIUS
- Smooth travel and at the same time permanent depth control for the RADIUS with support roller
- Mechanical width adjustment
- Frame section with RADIUS unit optionally hydraulically adjustable
- Can be equipped with 3, 5, 6 or 7 spring tines depending on working width and loosening intensity

TECHNICAL DATA

Hydraulic requirement: 2x d.a.
 Weight without attachments: about 400 kg
 Frame adjustment: 1130 – 1610 mm

Row width with RADIUS:
 370 share: 1900 – 2440 mm
 500 share: 1900 – 2700 mm
 620 share: 2400 – 2940 mm

SOIL CULTIVATION

BISON SUBSOILER

The environmentally friendly solution against soil compaction.



VITICULTURE



FRUIT GROWING



TREE NURSERIES



Constant work through the row with machinery or grape harvesters cause soil compaction. This can lead to nutrient deficiency, waterlogging and crop stress the following year. The Bison coulters are the economical solution for lifting and loosening soil up to 50 cm deep. The weed is first broken up with the disc and then lifted with the coulters. The coulters are particularly suitable for grass swaths, where cutting the grass allows winter moisture to penetrate the soil and freeze it, helping to break big amounts of compacted earth.

- ✓ Robust
- ✓ Individually adjustable
- ✓ Ecological



TECHNICAL DATA

Weight without tools: approx. 248 kg
Dimensions (L x B x H): approx. 1230 x 1870 x 1480 mm



„Why did you buy CLEMENS?“
„For the quality of the work carried out by Clemens equipment, this is a serious company, you can see the research and development that goes into the machines.“

BASCOU GUILLERM, WINERY DOMAINE CONDAMINE L'ÉVÊQUE (80 HA)



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 requirement: 1x d.a.
Weight without attachments: about 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

Hydraulic requirements: 2x d.a.
Weight: approx. 135 kg
Length x width x height:
 approx. 190 x 590 x 275 mm
Lifting height: (max.): 800 mm
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): 965 x 1548 x 2219 mm
Height min: 2219 mm
Height max: 3011 mm



OVER THE ROW

Simple installation on the over-row frame in the front.

- The distance between the brushes can be adjusted mechanically via the top link or hydraulically on the over the row frame
- Hydraulic height adjustment on one side for uneven surfaces or terraces is integrated
- Installation of MULTICLEAN XS & Standard possible
- Outer arm with overload protection

TECHNICAL DATA

Working height (with 22.5° tilt): 580 mm
Length x width x height:
 730 x 900 x 1750 mm
Weight: 86 kg



S6

Compact and robust attachment option for attachments in the mid mount area

- Single- or double-sided attachment of the column lift in the mid mount area
- Front and/or rear attachments can be added for implement combinations
- Available in a single-acting or double-acting version, as force is absorbed through the center

TECHNICAL DATA

Weight without attachments: approx. 45kg
Length x width x height: 185 x 130 x 880 mm
Stroke (maximum): 400 mm
Single-acting and Double-acting function available



3-POINT + S2R

Compact solution for holding a wide range of devices.

Front mount with 3 point linkage. The compact solution for multiple CLEMENS products like the ECO-ROLL, SB COMPACT, SB2, SB MONO, etc... Allows easy attachment of the tools. Easy way to upgrade your tractor with a 3-point linkage.

TECHNICAL DATA

Hydraulic requirement: 1x s.a. or 1x d.a.
Weight without attachments: about 120 kg
Length x width x height: about 475 x 770 x 1375 mm
Stroke (maximum): 500 mm



VITICULTURE



FRUIT GROWING



TREE NURSERIES



MID-MOUNTING FRAME

Convenient solution for flexible mounting of equipment for understock care.

The execution of multiple operations in one pass saves time and money. Oftentimes though, the length will be unhandy or impractical, if working machines are mounted in the front and rear. Our mid-mounting frame offers an efficient and compact solution, as it serves as an adapter for our series of undervine care equipment. The basic frame with the column lifters is fixed and can be equipped with the currently required implement. The frame can be attached to different tractors using the respective mounting brackets. The split valve lets you move both columns to the floating position of the tractor using just one double-acting valve. The valve offers you the flexibility to control the columns individually and adapt them optimally to your requirements. For actuation, two switchable signals on the tractor or the CLEMENS C.Control Basic are required.

- ✓ Efficient
- ✓ Comfortable
- ✓ Adaptable

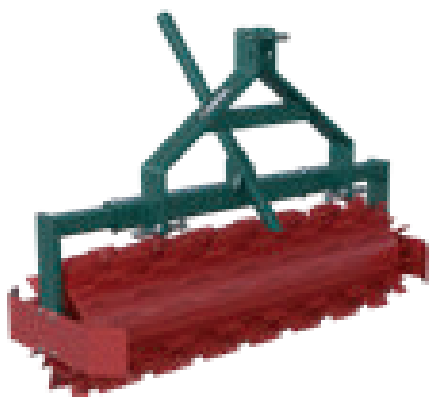


TECHNICAL DATA

Hydraulic requirement: 1x d.a.
Weight without attachments: about 125 kg (depending on variant)

Dimensions without attachments:
 2-sided with 270 mm cylinder: about 445 x 740 x 230 mm
 2-sided with 430 mm cylinder: about 445 x 1100 x 230 mm
 1-sided with 270 mm cylinder: about 445 x 665 x 230 mm
 1-sided with 430 mm cylinder: about 445 x 1017 x 230 mm

SOIL CULTIVATION ECO-ROLL



The BIO mulch roller ECO-ROLL is the alternative to mulching. The roller can be run without any problems during any operation. The ECO-ROLL compresses the vegetation, whereupon the spades mounted on the roller kink the stalks and thus fold them over. The result is a mulch carpet that promotes good shadow fermentation. The plants sprout again at the vegetation point and provide the next organic carpet. With legumes, this method stimulates the growth of the nodule bacteria (rhizobia) and increases the nitrogen-collecting effect. The ECO-ROLL offers you the option of adjusting the width hydraulically, but is also available in a rigid version. In addition you have the option of easily mounting the mulching roller on your high wheel tractor.

VARIANTS	WORKING WIDTH	EXTERNAL SIZE	WEIGHT WITH 3 POINT FRAME
ECO-ROLL 400 (FOR HIGH WHEEL TRACTORS):	400 mm	485 mm	approx. 115 kg
ECO-ROLL 500 (FOR HIGH WHEEL TRACTORS):	500 mm	585 mm	approx. 135 kg
ECO-ROLL 600 (FOR HIGH WHEEL TRACTORS):	600 mm	685 mm	approx. 155 kg
ECO-ROLL 1000:	1000 mm	1085 mm	approx. 277 kg
ECO-ROLL 1200:	1200 mm	1285 mm	approx. 314 kg
ECO-ROLL 1300:	1300 mm	1385 mm	approx. 330 kg
ECO-ROLL 1350:	1350 mm	1435 mm	approx. 340 kg
ECO-ROLL 1400:	1400 mm	1485 mm	approx. 355 kg
ECO-ROLL 1500:	1500 mm	1585 mm	approx. 375 kg
ECO-ROLL 1600:	1600 mm	1685 mm	approx. 394 kg
ECO-ROLL 1800:	1800 mm	1895 mm	approx. 472 kg
ECO-ROLL 2000:	2000 mm	2095 mm	approx. 512 kg



VITICULTURE



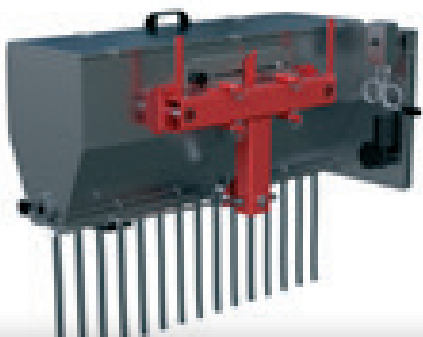
FRUIT GROWING



TREE NURSERIES



SEED DRILL



SEED DRILL MECHANICAL

- Characterized by effortless cultivation and easy application
- Can be combined with power harrows (Ascot or Vitis), meadow planers, cultivators (TERACTIV) and other tillage implements
- Gentle spreading of the seed
- Made entirely of stainless steel - can also be used for fertilizer application with bison tines

TECHNICAL DATA

Filling capacity:
Model 1 m: about 90 l
Model 2 m: about 180 kg
Number of outlets: Model 1 m: 15 pcs.
Model 2 m: 28 pcs
Weight without contents: Model 1 m: about 45 kg
Model 2 m: about 73 kg
Length x width x height:
Model 1 m: about 480 x 1075 x 510 mm
Model 2 m: about 480 x 2080 x 545 mm



SEED DRILL PNEUMATIC

- Quick & easy mounting on power harrows (Ascot and Vitis), meadow planers, cultivators (TERACTIV), meadow planers & HEXAGON
- Seed is fed from the hopper into the air duct via an electrically controlled seeding shaft
- Seed is conveyed by fan via flexible hoses to baffle plates & distributed evenly across the entire working width
- Precise spreading possible even in windy conditions
- Precise seed distribution

TECHNICAL DATA

Filling capacity: Model PS120: about 120 l
Model PS200: about 200 l
Number of outlets: Both models: 8 pcs.
Weight without contents:
Model PS120: about 45 kg
Model PS200: about 60 kg
Length x width x height:
Model PS120: about 900 x 600 x 800 mm
Model PS200: about 1.000 x 700 x 900 mm

SOIL CULTIVATION DIRECT DRILL MACHINE

The flexible and modular design allows use on a wide range of ground conditions.



VITICULTURE



FRUIT GROWING



TREE NURSERIES



First, the soil is loosened using discs and tines. In the process, the seeds and liquid fertilizer are spread on the soil in a single pass.

For contractors or large area vineyards, it is possible to mount two pneumatic seeders. This allow a bigger loading capacity as well as having the possibility to drill precisely two different seed mixes with different seed sizes.

With over 20 different combinations, the modular design offers an ideal solution for your vineyard or orchard. The no-till drill also allows the simultaneous use of two seed drills to sow different seed sizes or double the capacity.

- ✓ Liquid and green manure
- ✓ Robust
- ✓ Modular



TECHNICAL DATA

Weight: 500 kg (6 tines + seed drill) 13 kg per tine

Frame width: 140 cm - 220 cm

Seeder capacity: 120 - 200 l (with one) 240 - 400 l (with two)

Tine width: 12 mm or 110 mm

“

„Why did you buy CLEMENS?“

„German quality, CLEMENS experience and reputation“

CEDRIC CARCENAC ET GEOFFREY GAFFIÉ, WINERY DOMAINE CARCENAC (75 HA)

SOIL CULTIVATION POWER HARROW

Whether levelling, seed preparation or grading.



VITICULTURE



FRUIT GROWING



TREE NURSERIES



ASCOT

Reliable soil cultivation without soil compaction.

Whether mechanical soil cultivation, seedbed preparation or optimum tramline leveling - the VITIS power harrow is a reliable and low-maintenance aid for all work in your row crops. The vertically rotating blades of the rotary harrow ensure a perfect track without soil compaction, which benefits you for subsequent maintenance work. The triple-bearing tines are driven by a robust spur gear running in fluid grease. The shaft units are self-lubricating. Depending on the desired sowing depth, you can adjust the working depth of the tines using a removable support roller. A spindle-adjustable levelling coulter is optionally available for a particularly even soil surface. The machine is driven by a 540 rpm PTO shaft.

TECHNICAL DATA

Total width:
Working width:
Tine units:
Weight with cage roller:
Weight with packer roller:

ASCOT 100

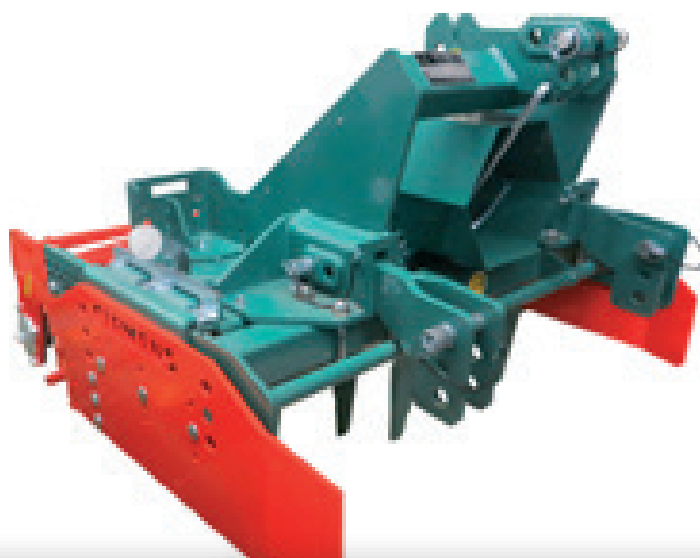
1043 mm
961 mm
5/10
331 kg
352 kg

ASCOT 120

1223 mm
1141 mm
6/12
365 kg
391 kg

ASCOT 140

1403 mm
1321 mm
7/14
399 kg
430 kg



VITIS

Low-maintenance power harrow for optimum floor care.

The VITIS power harrow is your reliable aid for any work in your row crops: It supports you with mechanical soil cultivation, prepares your seedbed and at the same time ensures optimum tramline leveling. Thanks to the vertically rotating blades of the rotary harrow, you get a perfect track without soil compaction, which has a positive effect on subsequent maintenance work. The triple-bearing tines are driven by a robust spur gear running in low-viscosity grease. The shaft units are self-lubricating. The working depth of the tines can be adjusted depending on the desired sowing depth using a detachable support roller. An optional spindle-adjustable levelling coulter is available for a particularly even soil surface. Thanks to its solid construction, the VITIS is very powerful.

TECHNICAL DATA

Total width:
Working width:
Tine units:
Weight with cage roller:
Weight with packer roller:

VITIS 100

935 mm
805 mm
3/6
433 kg
486 kg

VITIS 125

1255 mm
1150 mm
5/10
534 kg
610 kg

VITIS 140

1425 mm
1370 mm
6/12
577 kg
664 kg

VITIS 170

1695 mm
1590 mm
7/14
631 kg
733 kg

VITIS 190

1915 mm
1810 mm
8/16
681 kg
795 kg

SOIL CULTIVATION MULCHER

Whether levelling, seed preparation or grading.



The variable width sickle mulcher for vineyards and orchards is ideal for maintaining green areas. The sturdy and compact mulcher is driven by a PTO shaft set at 540 rpm and a factory-fitted PTO shaft with slip clutch. A double-acting feed is required for the hydraulic width adjustment. The two rotating blade carriers are each equipped with two free-moving blades and enable a high mulching speed with low power requirement. The cutting height is adjusted at the front and rear via large adjustable support wheels. This guarantees the best running characteristics - even on uneven terrain. Thanks to the low-wear blades and few lubrication points, the sickle mower is very low-maintenance. Increase your efficiency and benefit from the combination options of the mechanically or hydraulically folding finger roller, finger hoe and the MULTICLEAN.

- ✓ Variable
- ✓ Agile
- ✓ Stable



TECHNICAL DATA

Weight: 480-590 kg

Working width, min/max.:

Model S: 1150-1450 mm
Model M: 1300-1750 mm
Model L: 1400-1900 mm
Model XL: 1600-2150 mm

Three point category: 1/2

Required tractor power:

Model S, M, L: 50-70 HP
Model XL: 60-80 HP



“

Why CLEMENS?

„Because of the proximity of the dealer, the good reputation of the brand and to be able to work in different widths.“

MR ALAUZEN, WINERY DOMAINE DES MATASSIÈRES (120 HA)

CONTROL C-DRIVE

		NUMBER OF FUNCTIONS					
		1	2	3	4	5	6
	SHUTTLE VALVES VALVE For hand lever, 1 D.A.	●	●	●	●	●	
	SHUTTLE VALVES VALVE Selectable with signal cables via the tractors joystick, 1 D.A. to 3 functions, 2 D.A. To 56 functions	●	●	●	●	●	●
	SPLITT VALVES SPLITT VALVE 1 D.A. with floating position 1 S.A.+ free return	●	●				
	MONOBLOCKS C.CONTROL STANDARD Control unit block, 3 D.A.	●	●	●			
	MONOBLOCKS C.CONTROL STANDARD + VALVE Control unit block, 3 D.A. + 1 S.A	●	●	●	●		
	MONOBLOCKS C.CONTROL COMFORT Control unit block, 4 D.A.	●	●	●	●		
	MONOBLOCKS C.CONTROL COMFORT + VALVE Control unit block, 4 D.A.+ 1 S.A	●	●	●	●	●	
	MONOBLOCKS C.CONTROL TWIN Control unit block, 2 D.A, 2 S.A with floating position	●	●	●	●		
	MONOBLOCKS C.CONTROL TWIN + VALVE Control unit block, 2 D.A, 2 S.A with floating position + 1 D.A	●	●	●	●	●	



VITICULTURE



FRUIT GROWING



TREE NURSERIES

Does your tractor does 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 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

synchronizes 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 - WINERY BERNHARD



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. In addition to machinery for viticulture, the subsidiary Clemens Getränketechnik offers everything for the wine cellar, individually adapted to the customer's requirements. 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.



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