

**seppi m.®**

MULCHING EQUIPMENT SPECIALISTS

SMWA | SMO skid steer  
MICROFORST | MINIFORST | MINISOIL cl

# Mulchers, Forestry Tillers & Stone Crushers for Compact Loaders



"Mulchers are a long-term investment.  
It is important to us that you remain satisfied with your mulcher."

SEPPI M. SpA

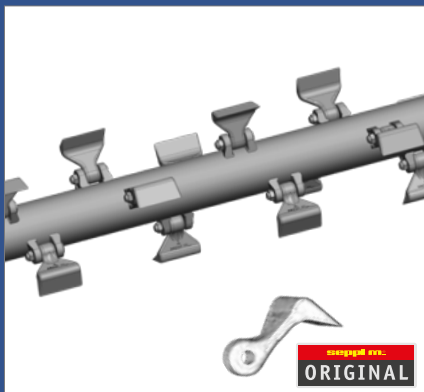
### Our commitment

- > Founded in 1939, we have been manufacturing mulchers since 1971
- > Regardless of the manufacturer or brand, we only choose materials and products that meet our rigorous quality criteria
- > Continuous research and development
- > High quality and optimal service

### Your benefit

- > Reliable equipment as the result of years of experience in the industry
- > High quality materials to take on the harshest work conditions and guarantee maximum durability
- > Advanced technology for an investment for the future
- > Consulting and after sales service: You can rely on us!

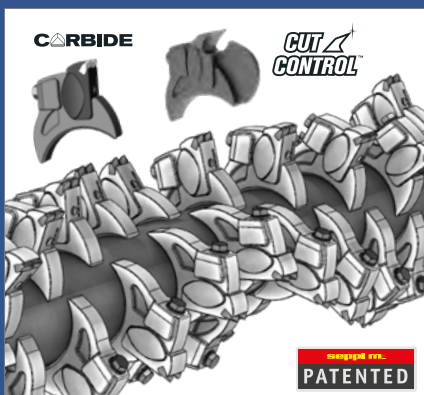
#### HELIX ROTOR



### Rotors and tools

These rotors efficiently mulch grass and brush in agricultural applications with flails or Y knives. Because of their economical and reliable design they are often used for greenspace maintenance in the municipal sector.

- Spiral-shaped arrangement of the tools produces a fine mulching result.
- Wear resistant flails made of forged and tempered steel.
- Self sharpening flails thanks to ideal cutting angles.



The forestry rotor is offered with fixed hammers, which is ideal for mulching wood and grinding stumps.

- Spiral arrangement of the tools contributes to the SMOoth, efficient operation.
- Wear resistant hammers with inserts made of tungsten carbide. Due to a special composition of the tungsten carbide the inserts are extremely hard and highly wear resistant.
- The patented supports protect the hammers and provide a quick and easy replacement of the hammer when necessary.

## SEPPI M. Hydraulic Drive Mulchers

for compact loaders with a flow rate of 40 - 250 l/min [10-66 gpm]

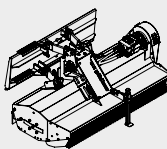




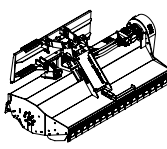




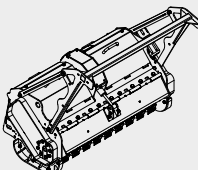




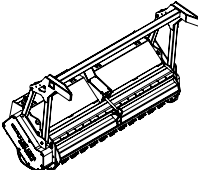




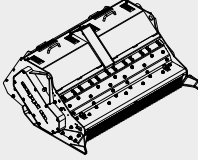




Lightweight and maneuverable flail mower for agriculture and forestry uses.

The hydraulically driven SEPPI M. mulcher in combination with a skid steer loader is very maneuverable and able to traverse difficult terrains. The efficient hydraulic design enables continuous work while maximizing speed and productivity.

From the mulching of green areas, working in agriculture, mulching brush, branches and trees in the forestry sector to working in the ground while crushing stones and grinding stumps, Seppi M. offers a wide range of attachments for hydraulic compact loaders.

The mulchers are available with various tools and configurations. Choose your next mulcher here ...



WORKING WIDTH				MODEL · WEIGHT <sup>1</sup> · POWER	GRASS	BRANCHES	WOOD	STONE
125	150 155	175	200					
	•	•		 <p><b>SMWA skid steer</b> 445-525 kg [980-1,150 lb] 40-150 l/min [10-40 gpm]</p>	max. 5 cm Ø [2 inch]	  SMW	  OPT-458	
			•	 <p><b>SMO skid steer</b> 685 kg [1,500 lb] 40-150 l/min [10-40 gpm]</p>	max. 7 cm Ø [3 inch]	  SMW	  OPT-458	
•				 <p><b>MICROFORST cl</b> 575 kg [1,270 lb] 50-100 l/min [13-27 gpm]</p>	max. 13 cm Ø [5 inch]	  MINI DUO	  MINI BLADE	
	•	•	•	 <p><b>MINIFORST cl</b> 1.055-1.265 kg [2,300-2,800 lb] 90-190 l/min [24-50 gpm]</p>	max. 20 cm Ø [8 inch]	  MINI DUO	  MINI BLADE	
	•			 <p><b>MINISOIL cl</b> 1.160 kg [2,560 lb] 105-250 l/min [28-66 gpm] TILLS the SOIL as deep as 10 cm [2.8 inch]</p>	max. 20 cm Ø [8 inch]	  SUPER DUO PROTECT	  SUPER MONO PROTECT	max. 15 cm Ø [4 inch]

<sup>1</sup> standard version without options



# SMWA + SMO skid steer

150-300 bar | 50-140 l/min

## Professional greenspace maintenance on compact loaders

The compact mulchers SMWA skid steer and SMO skid steer mulch grass and brush up to 5 cm [2"] and 7 cm [2.8"] in diameter.

These machines are particularly suitable for the maintenance of greenspace. They efficiently cut and mulch grass and light brush. Typical applications are on construction sites, in parks, on roadsides and on farms.

## Standard version and specifications

- > SMWA skid steer mulches grass and branches up to 5 cm [2"]Ø
- > SMO skid steer mulches wood grass and branches up to 7 cm [3"]Ø
- > Working speed 3-10 km/h
- > Chassis made of high tensile steel S420
- > SAE skid steer attachment interface, floating to follow the contours of the ground
- > Belt transmission
- > Adjustable rear hood M-FLAP with rubber protection
- > Front protection with metal flaps
- > Adjustable support roller
- > Triple helical rotor with flails
- > 2 rows of tempered counter cutters

## Optional configuration and accessories

- > Rotor with Y-flails
- > Variable displacement motor with relief valve
- > Roller scraper
- > Universal attachment for wheel loader



[www.youtube.com/seppimulcher](https://www.youtube.com/seppimulcher)

### Specifications · SMWA skid steer

Working width	155 cm [61"]	175 cm [69"]
Overall width	167 cm [66"]	187 cm [74"]
Depth	90 cm [35"]	90 cm [35"]
Height	95 cm [37"]	95 cm [37"]
Weight · base value w/o options	445 kg [980 lb]	496 kg [1.090 lb]
Belts	3	4
SMW flails standard	15	18
Flails Y DUO option	27	33

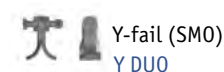
### Specifications · SMO skid steer

Working width	200 cm [79"]
Overall width	215 cm [83"]
Depth	110 cm [43"]
Height	110 cm [43"]
Weight · base value w/o options	685 kg [1,510 lb]
Belts	5
SMO flails standard	21
Flails Y DUO option	39

### Tools · SMWA skid steer



### Tools · SMO skid steer





## High-performance hydraulic drive

The transmission system of **SMWA skid steer** and **SMO skid steer** adapts to motors with hydraulic flow rates from 50 to 140 l/min. We are offering different variable displacement hydraulic motors with a relief valve.

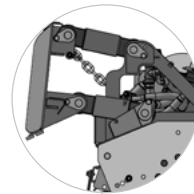
Your SEPPI M. dealer will help you choose the optimum motor for your application.

### HYDRAULIC DRIVE

Pressure	150-300 bar [2,175 - 4,350 psi]
Required hydraulic flow SMWA	50-105 l/min [13 - 28 gpm]
Required hydraulic flow SMO	60-140 l/min [16 - 37 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 1.5 bar



SMWA skid steer \*



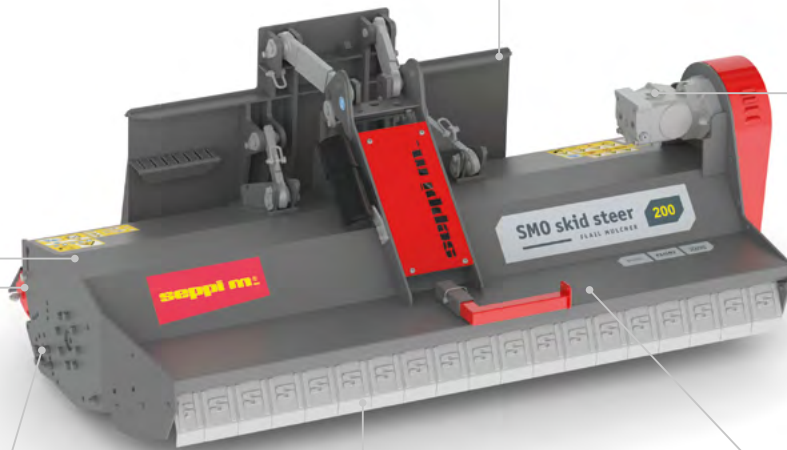
Floating attachment to follow the contours of the ground

**FLOAT**

Chassis made of high tensile steel

**S420**

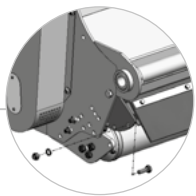
Variable displacement piston motor (option)



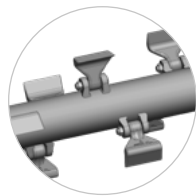
SMO skid steer

Adjustable hood to set the degree of mulching

**M-FLAP**

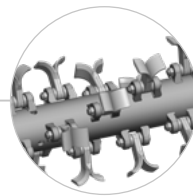


Reinforced bearing



Standard rotor with SMW/SMO flails

**HELIX ROTOR**



Optional rotor with Y flails



Tempered counter cutters for a perfect mulching result

**2 COUNTER CUTTERS**

# MICROFORST cl

150-300 bar | 50-100 l/min

## Compact Standard Flow Mulcher

The ideal machine as compliment for the common attachments that go with a standard flow compact loader. This small, but dynamic forestry mulcher allows gardeners and landscapers to clean up before, during and after their job; townships use them for the cleaning of brush in urban areas; construction companies, save themselves from recycling organic material before starting a construction site, farmers are able to clean up the surroundings of their fields or mulch the bigger pruning, and even contractors sometimes prefer smaller machine to access tight, swampy or steeper areas where a bigger skid steer loader would be too heavy.

## Standard version and specifications

- > Mulches wood up to 13 cm [5"] Ø
- > Working speed 0-5 km/h
- > Chassis made of high tensile and wear-resistant steel AR400
- > SAE skid steer attachment interface
- > Belt transmission
- > Pressure gauge
- > Hydraulically operated hood
- > Rear chain protection
- > Support skids
- > CUT CONTROL rotor with gauge and tungsten CARBIDE inserts hammers MINI DUO
- > 1 row of tempered COUNTER CUTTERS

## Optional configuration and accessories

- > CUT CONTROL rotor with MINI BLADE
- > Electric valve for hood control with controls
- > Version without hood
- > Guard frame
- > Variable displacement motor with anticavitation valve
- > 1/2" polycarbonate impact resistant shield for loader. Replaces original glass shield. Excluding installation.



 YouTube [www.youtube.com/seppimulcher](http://www.youtube.com/seppimulcher)

## Fields of application

- > Site preparation
- > Cleaning of surroundings of properties and farm fields
- > Clearing of brush in city parks
- > Mulching of pruning

Specifications • MICROFORST cl		
Working width	<b>cm [inch]</b>	<b>125 [49]</b>
Overall width	cm [inch]	144 [57]
Depth	cm [inch]	82 [32]
Height	cm [inch]	75 [30]
Weight (base value w/o options)	kg [lb]	575 [1,270]
Fixed hammers MINI DUO standard	qty	27
Fixed hammers MINI BLADE option	qty	27

## Tools





## High-performance hydraulic drive

**MICROFORST cl** requires hydraulic flow rates between 50 and 100 l/min. For the common applications of this machine, the variable displacement motor with 22-45 cm<sup>3</sup> is the best choice.

HYDRAULIC DRIVE	
Pressure	150-300 bar [2,175-4,350 psi]
Required hydraulic flow	50-100 l/min [13-27 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 1.5 bar

REQUIRED HYDRAULIC FITTINGS	
Hydraulic hood	1 double acting (or OPT-158: electric valve for hood control with controls)

Chassis made of high tensile and wear-resistant steel **AR400**

Pressure gauge

Optional guard frame for felling operations and to protect the loader

**LOW PROFILE**

**MICROFORST cl**

Protected cylinder

The tempered counter cutters ensure a perfect mulching result  
**COUNTER CUTTERS**

**CUT CONTROL** CUT CONTROL system with the specially developed gauge reduces the depth of cut for an efficient fast cut and fine mulch

Standard rotor: MINI DUO hammers with 2 tungsten carbide tips provide high performance, long lifetime and ensures low and easy maintenance

Optional rotor: MINI BLADE tool with its sharpened blade for a fast and clean cut of wood, especially efficient on standing trees

Support skids help guiding the mulcher; these are specially designed to work in motion and inclination

Safety Note: MICROFORST cl may be raised to a maximum of 50 cm [20 inch] and should be only used with stone impact protected cabins.



# MINIFORST cl

200-350 bar | 90-190 l/min

## MINIFORST cl hydraulic transmission mulchers: compact & powerful for compact loaders

These forestry mulchers for skid steers are suitable for forestry work as well as the most demanding applications in landscaping and maintaining areas in which prunings, stumps and wood must be eliminated.

Assembled on a compact loader, they reach hard-to-access areas with great ease.

### Standard version and specifications

- > Mulches wood up to 20 cm [8"] Ø
- > Working speed 0-5 km/h
- > Chassis made of high tensile steel S420
- > SAE skid steer attachment interface
- > Belt transmission
- > Pressure gauge
- > Hydraulically operated hood
- > Rear chain protection
- > Reinforced support skids, adjustable in height
- > Rotor with tungsten CARBIDE inserts hammers MINI DUO; anti-wear hammer support
- > 5 rows of tempered COUNTER CUTTERS (3 chassis, 2 hood)

### Optional configuration and accessories

- > CUT CONTROL rotor with MINI DUO
- > CUT CONTROL rotor with MINI BLADE
- > Electric valve for hood control with controls
- > Without hood
- > Guard frame
- > Variable displacement motor with relief valve
- > 1/2" polycarbonate impact resistant shield for loader. Replaces original glass shield. Excluding installation.

### Fields of application

- > Vegetation management in forestry
- > Right of way ROW and roadside maintenance
- > Land clearing and reclamation
- > Site preparation
- > Maintaining of power and communication lines



YouTube [www.youtube.com/seppimulcher](http://www.youtube.com/seppimulcher)

### Specifications · MINIFORST cl

	cm [inch]	150 [59]	175 [69]	200 [79]
Working width	cm [inch]	150 [59]	175 [69]	200 [79]
Overall width	cm [inch]	175 [69]	200 [79]	225 [89]
Depth	cm [inch]	99 [39]	99 [39]	99 [39]
Height	cm [inch]	86 [34]	86 [34]	86 [34]
Weight · base value w/o options	kg [lb]	1.055 [2,326]	1.140 [2,513]	1.265 [2,789]
Belts · depending on engine power	qty	4 (5)	4 (5)	4 (5)
MINI-DUO	qty	30	33	36

### Tools





## High-performance hydraulic drive



The powerful transmission of the **MINIFORST cl** is compatible with hydraulic systems with flow rates of 90 to 190 l/min and is available with different types of hydraulic motors. The most powerful and efficient motor, the M-BOOST motor, delivers 40% more torque than standard motors.

Your SEPPi M. dealer will help you choose the optimum motor for your application.

HYDRAULIC DRIVE	
Pressure	200-350 bar [3,000-5,075 psi]
Required hydraulic flow	90-190 l/min [24-50 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 1.5 bar

REQUIRED HYDRAULIC FITTINGS	
Hydraulic hood	1 double acting (or OPT-158: electric valve for hood control with controls)

**High tensile steel for a light and strong chassis S420**

**Pressure gauge**

**Optional guard frame for felling operations and to protect the loader**

**LOW PROFILE**

**MINIFORST cl**

**Protected cylinder**

**Multiple rows of tempered counter cutters for a perfect mulching result**

**5 COUNTER CUTTERS**

**CARBIDE**

**Standard rotor: MINI DUO hammer**  
2 tungsten carbide tips provide high performance and long lifetime  
> Efficient on big wood and stumps  
Optional with CUT CONTROL system

**CUT CONTROL**

**Optional rotor: CUT CONTROL system**  
The sharpenable blade of the MINI BLADE tool with the specially developed gauge reduces the depth of cut  
> Fast cut and fine mulch on wood and standing trees

**Support skids help guiding the mulcher; these are specially designed to work in motion and inclination**

Safety Note: MINIFORST cl may be raised to a maximum of 50 cm [20 inch] and should be only used with stone impact protected cabins.

# MINISOIL cl

150-380 bar | 105-250 l/min

## Stone crusher and forestry tiller for compact loaders

MINISOIL cl is a multifunctional forestry tiller specially designed for skid steer loaders, based on their dimensions and reduced weights. It is a unique attachment, capable of both mulching wood and crushing stones, working the soil in depth.

The double-sided belt drive ensures high torque, which is essential for this kind of work. The Carbonchain belts used here are particularly reliable and durable. Several rows of crushing bars on which the material is grinded in the rotor housing ensure an optimum crushing result before it is discharged.

### Standard version and specifications

- > Crushes stones up to 15 cm [6"] Ø  
Mulches wood up to 20 cm [8"] Ø  
Tills the soil as deep as 10 cm [4"]
- > Working speed 0-2 km/h
- > Chassis made of high tensile and wear-resistant steel AR400 with internal replaceable WEARPLATES
- > SAE skid steer attachment interface
- > Dual sided CARBONCHAIN gear belt drive
- > Transmission with 2 automatic variable displacement motors M-BOOST 60-80 cm<sup>3</sup>
- > Pressure gauge
- > Skids for material feeding
- > Rotor with tungsten CARBIDE inserts hammers SUPER DUO PROTECT + lateral EXTREME; anti-wear hammer support
- > 3 crushing bars AR400 and 1 adjustable anvil bar

### Optional configuration and accessories

- > Rotor with SUPER MONO PROTECT
- > 1/2" polycarbonate impact resistant shield for loader.  
Replaces original glass shield.

### Fields of application

- > Breaking stones and stumps in fields
- > Construction side clean up
- > Soil stabilization
- > Trail building
- > Easy construction site clearance



 [www.youtube.com/seppimulcher](https://www.youtube.com/seppimulcher)

Specifications • MINISOIL cl		
Working width	cm [inch]	150 cm [59"]
Overall width	cm [inch]	170 cm [67"]
Depth	cm [inch]	121 cm [48"]
Height	cm [inch]	77 cm [30"]
Weight (base value w/o options)	kg [lb]	1.160 kg [2,560 lb]
Fixed hammers SUPER DUO PROTECT standard	qty	2 + 26 + 2
Fixed hammers SUPER MONO PROTECT option	qty	2 + 26 + 2

### TOOLS





## High-performance hydraulic drive

**MINISOIL cl** is a powerful machine with small dimensions for hydraulic vehicles with a capacity of 105-250 l/min [28-66 gpm]. The automatic adaptability of the engines is important for work in different conditions.

M-BOOST motors comes further with many advantages:

- the torque varies automatically according to the load
- up to 40% more torque
- the mulcher rotor gains speed much faster
- reduced work times
- easy control, without electronics

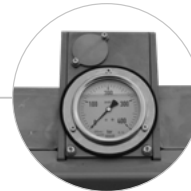
### HYDRAULIC DRIVE

Pressure	150-380 bar [2,175 - 5,500 psi]
Required hydraulic flow	105-250 l/min [28 - 66 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 1.5 bar



**LOW PROFILE**

Low profile for an optimal field of vision from cab to track



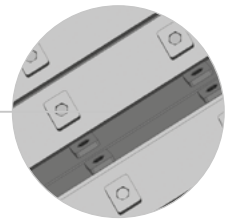
Pressure gauge



MINISOIL cl

**AR400**

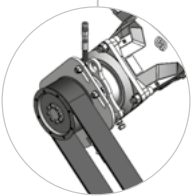
**WEARPLATE**



Chassis made of high tensile and wear-resistant steel with replaceble wear plates

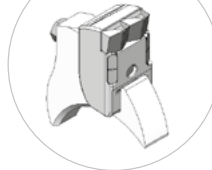
Skids for material feeding

**CARBONCHAIN**



CARBONCHAIN belts provide high strength and length stability with high flexibility

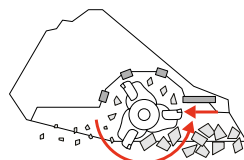
**CARBIDE**



Wear resistant hammers with tungsten carbide inserts

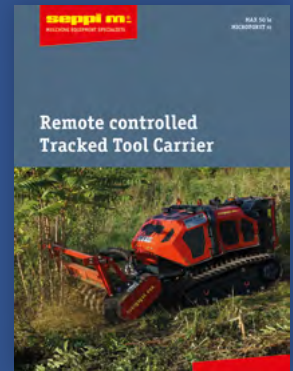
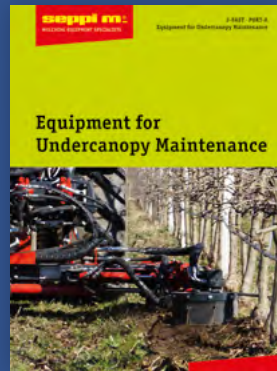
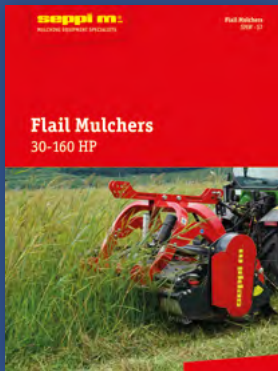
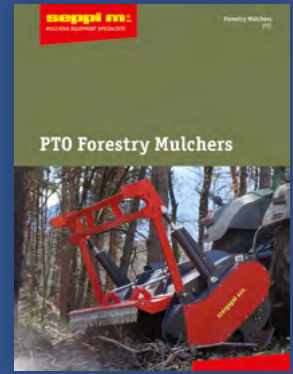
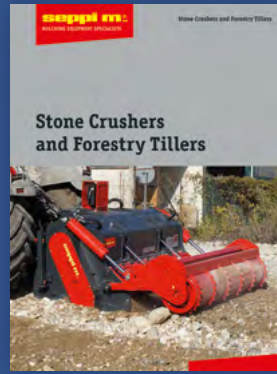
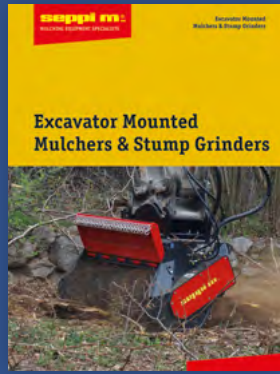
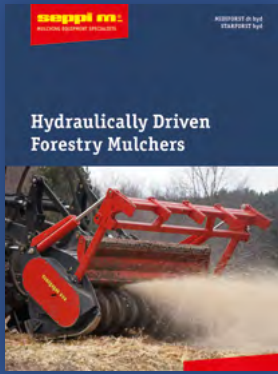
- due to a special composition of the tungsten carbide the inserts are extremely hard and highly wear resistant.
- tempered counter knives for a perfect mulching result

Safety Note:  
MINISOIL cl may be raised to a maximum of 50 cm [20 inch] and should be only used with stone impact protected cabins.



The adjustable anvil bar and 3 rows of crushing bars adjust the degree of mulching





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