

MIDIFORST dt hyd

150-350 bar | 240-430 l/min

SEPPi M.'s most classic forestry mulcher: the powerful MIDIFORST dt hyd

This mulcher has proven itself over the years. The frame and hood, built completely in wear-resistant steel, are equipped with counter cutters that optimize mulching results.

The powerful rotor, with its forestry hammers and double drive, mulches bushes and wood of up to 30cm in diameter. It is also available with tungsten carbide tip hammers on request. There are different types of guard frames to choose from for felling operations and to protect the tractor.

Standard version and specifications

- > Mulches wood up to 30 cm [12"] Ø
- > Working speed 0-5 km/h
- > Cat. 2 3-point linkage or universal attachment interface
- > Dual side belt transmission
- > Hydraulically operated hood
- > Chain protection
- > Chassis made of high tensile steel
- > Tempered counter cutters
- > Support skids, adjustable in height
- > Rotor with fixed hammers MINI DUO and lateral EXTREME

Optional configuration and accessories

- > Rotor with fixed hammers MONO TIP V-LOCK and lateral EXTREME
- > Interface plates for loaders
- > Hydraulic block with pressure relief valve and internal hoses
- > Toothed belt transmission CARBONCHAIN
- > M-BOOST automatic variable displacement motors 2x 70-110 or 2x 110-160 cm³
- > Narrow skids
- > Reinforced skids
- > Mechanical or hydraulic guard frame



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

Specifications • MIDIFORST dt hyd			
	200 cm [79"]	225 cm [89"]	250 cm [98"]
Working width	200 cm [79"]	225 cm [89"]	250 cm [98"]
Overall width	230 cm [90"]	255 cm [100"]	280 cm [110"]
Depth	128 cm [50"]	128 cm [50"]	128 cm [50"]
Height	115 cm [45"]	115 cm [45"]	115 cm [45"]
Weight (base value w/o options)	1.650 kg [3,640lb]	1.970 kg [4,340lb]	2.190 kg [3,830lb]
Belts	2 x 5	2 x 5	2 x 5
MINI DUO + EXTREME	42+2	46+2	50+2
MONO TIP V-LOCK + EXTREME	61+2	68+2	75+2

TOOLS



Fixed hammer with inserts made of tungsten carbide
MINI DUO



Fixed hammer with inserts made of tungsten carbide
MONO TIP V-LOCK



Lateral fixed hammers with inserts made of tungsten carbide
EXTREME



High-performance hydraulic drive

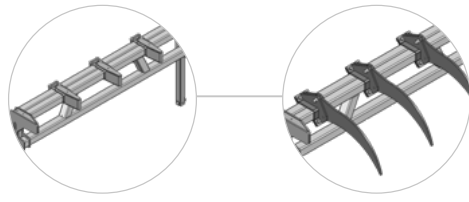
The powerful **MIDIFORST dt hyd** with double drive requires hydraulic flow rates between 190 and 400 l/min. The powerful motor and efficient, the automatic variable M-BOOST motor, delivers 40% more torque than standard motors. Your SEPPi M. dealer will help you choose the correct motor for your application.

HYDRAULIC DRIVE	
Pressure	150-350 bar [2,175 - 5,075 psi]
Required hydraulic flow	240-430 l/min [63 - 114 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 5 bar

REQUIRED HYDRAULIC LINES	
Hydraulically operated hood	1 double acting
Hydraulic guard frame	1 double acting

S420

Chassis made of high tensile steel

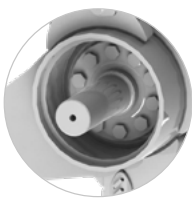


Optional guard frames for felling operations and to protect the tractor

Standard with V-belt drive; optional with toothed belts, recommended when working in environments with extreme temperatures (hot / cold)



Replaceable bolt-on rotor shaft

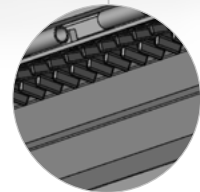


MIDIFORST dt hyd*

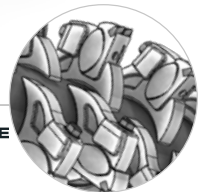


Support skirts prevent soil penetration (different models available to suit your application)

5 COUNTER CUTTERS



CARBIDE



Rotor: combination of fixed hammers with tungsten carbide inserts and anti-wear hammer support; 5 rows of tempered counter cutters for a perfect mulching result

* new color combination from 2021

MINIFORST cl

150-350 bar | 50-150 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
- > Support skids
- > 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

- > Forestry rotor with MINI BLADE
- > MINI BLADE with CUT CONTROL system
- > Without hood
- > Guard frame
- > Electric valve for hood control with controls
- > Variable displacement motor with relief valve
- > M-BOOST™ automatic variable displacement motor
- > Interface plates for loaders
- > 1/2" polycarbonate impact resistant shield for loader. Replaces original glass shield. Excluding installation.



 www.youtube.com/seppimulcher

Specifications · MINIFORST cl

	cm [inch]	150 [59]	175 [69]	200 [79]
Working width	cm [inch]	181 [71]	206 [81]	231 [91]
Overall width	cm [inch]	99 [39]	99 [39]	99 [39]
Depth	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 · standard	qty	30	33	36
MINI-BLADE · option	qty	30	33	36

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.

The information in this document is intended as a guide only. SEPPIM. may change their products or their specifications at any time without any obligation of previous notice.

Extract brochure HYD1-2022-02

Tools



Fixed hammer
MINI-DUO



Fixed hammer
MINI-BLADE

High-performance hydraulic drive



The powerful transmission of the **MINIFORST cl** is compatible with hydraulic systems with flow rates of 50 to 150 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	150-350 bar [2,175-5,075 psi]
Required hydraulic flow	50-150 l/min [13-40 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 tractor

Multiple rows of tempered counter cutters for a perfect mulching result
5 COUNTER CUTTERS

Standard rotor: MINI DUO hammer
2 tungsten carbide tips provide high performance and long lifetime
> Efficient on big wood and stumps

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

Protected cylinder

Support skids prevent soil penetration; these are specially designed to work in motion and inclination

LOW PROFILE

MINIFORST cl *

* new color combination from 2021

SMWA + SMO skid steer

150-250 bar | 40-150 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 [2.8"]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

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

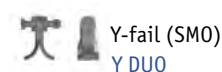
Specifications · SMO skid steer

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





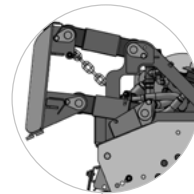
High-performance hydraulic drive

The transmission system of **SMWA skid steer** and **SMO skid steer** adapts to motors with hydraulic flow rates from 40 to 150 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	150-250 bar [2,175 - 3,625 psi]
Required hydraulic flow	40-150 l/min [10.6 - 39.6 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 1.5 bar

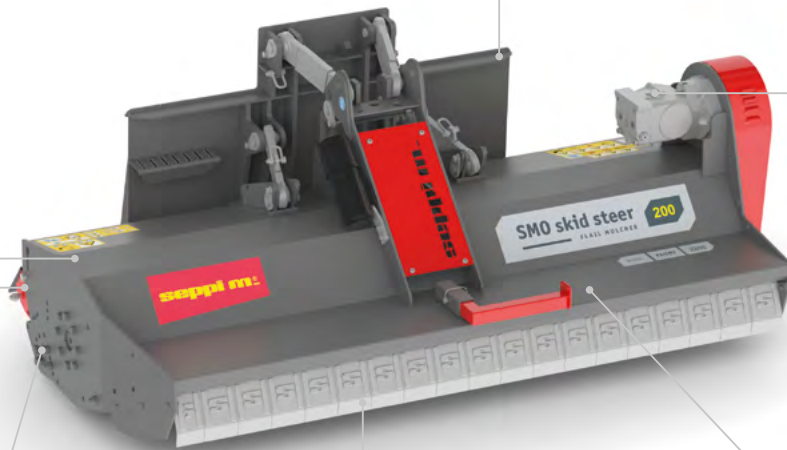


SMWA skid steer *



Floating attachment to follow the contours of the ground
FLOAT

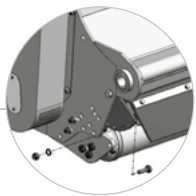
Chassis made of high tensile steel
S420



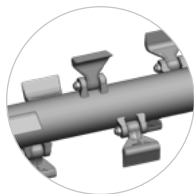
SMO skid steer *

Variable displacement piston motor (option)

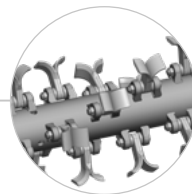
Adjustable hood to set the degree of mulching
M-FLAP



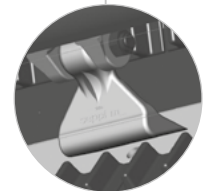
Reinforced bearing



Standard rotor with SMW/SMO flails



Optional rotor with Y flails



Tempered counter cutters for a perfect mulching result



* new color combination from 2021

SMWA + SMO skid steer

150-250 bar | 40-150 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 [2.8"]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

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"]
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SMW flails standard	15	18
Flails Y DUO option	27	33

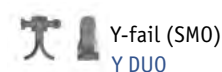
Specifications · SMO skid steer

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





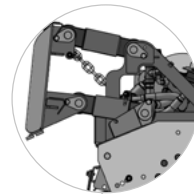
High-performance hydraulic drive

The transmission system of **SMWA skid steer** and **SMO skid steer** adapts to motors with hydraulic flow rates from 40 to 150 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	150-250 bar [2,175 - 3,625 psi]
Required hydraulic flow	40-150 l/min [10.6 - 39.6 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 1.5 bar

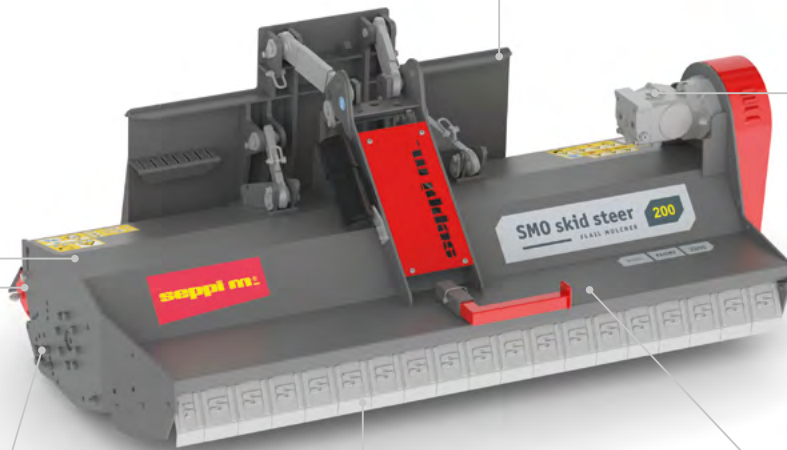


SMWA skid steer *



Floating attachment to follow the contours of the ground
FLOAT

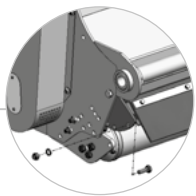
Chassis made of high tensile steel
S420



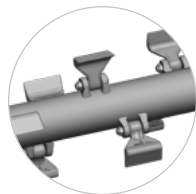
SMO skid steer *

Variable displacement piston motor (option)

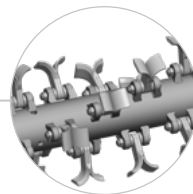
Adjustable hood to set the degree of mulching
M-FLAP



Reinforced bearing



Standard rotor with SMW/SMO flails



Optional rotor with Y flails



Tempered counter cutters for a perfect mulching result



* new color combination from 2021

STARFORST hyd

200-350 bar | 200-520 l/min

STARFORST hyd is a compact mulcher of the highest performance classes

This machine features an aggressive rotor with efficient tungsten carbide tipped hammers. The exposed position of the rotor makes it easier to grasp material. The hydraulic STARFORST is ideal for Land Clearing and ROW Maintenance, whether it is the forestry management, cleaning after felling operations and power line maintenance.

It mulches wood up to 40 cm [16 inch] in diameter. There are different types of guard frames to choose from for felling operations and to protect the tractor.

Standard version and specifications

- > Mulches wood up to 40 cm [16"] Ø
- > Working speed 0-5 km/h
- > Universal attachment interface
- > Dual side belt transmission with CARBONCHAIN gear belts
- > Hydraulically operated hood
- > Chain protection
- > Chassis made of high tensile steel
- > Tempered counter cutters
- > Supporting skids
- > Rotor with fixed hammers MINI DUO and lateral EXTREME

Optional configuration and accessories

- > Rotor with fixed hammers MONO TIP V-LOCK and lateral EXTREME
- > Interface plates for loaders
- > Hydraulic block with pressure relief valve and internal hoses
- > Motors with relief valve
- > M-BOOST automatic variable displacement motors 2x 70-110 or 2x 110-160 cm³
- > Mechanical or hydraulic guard frame



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

Overall width adapted to road traffic regulations for an optimal use of the working width!

Specifications · STARFORST hyd	210 cm [83"]	235 cm [93"]	260 cm [102"]
Working width	210 cm [83"]	235 cm [93"]	260 cm [102"]
Overall width	248 cm [98"]	273 cm [107"]	298 cm [117"]
Depth	122 cm [48"]	122 cm [48"]	122 cm [48"]
Height	117 cm [46"]	117 cm [46"]	117 cm [46"]
Weight (base value w/o options)	2.860 kg [6,300lb]	3.000 kg [6,610lb]	3.170 kg [6,990lb]
Belts	2 x 5	2 x 5	2 x 5
MINI DUO + EXTREME	43+2	48+2	53+2
MONO TIP V-LOCK + EXTREME	61+2	68+2	75+2

TOOLS



Fixed hammer with inserts made of tungsten carbide
MINI DUO



Fixed hammer with inserts made of tungsten carbide
MONO TIP V-LOCK



Lateral fixed hammers with inserts made of tungsten carbide
EXTREME

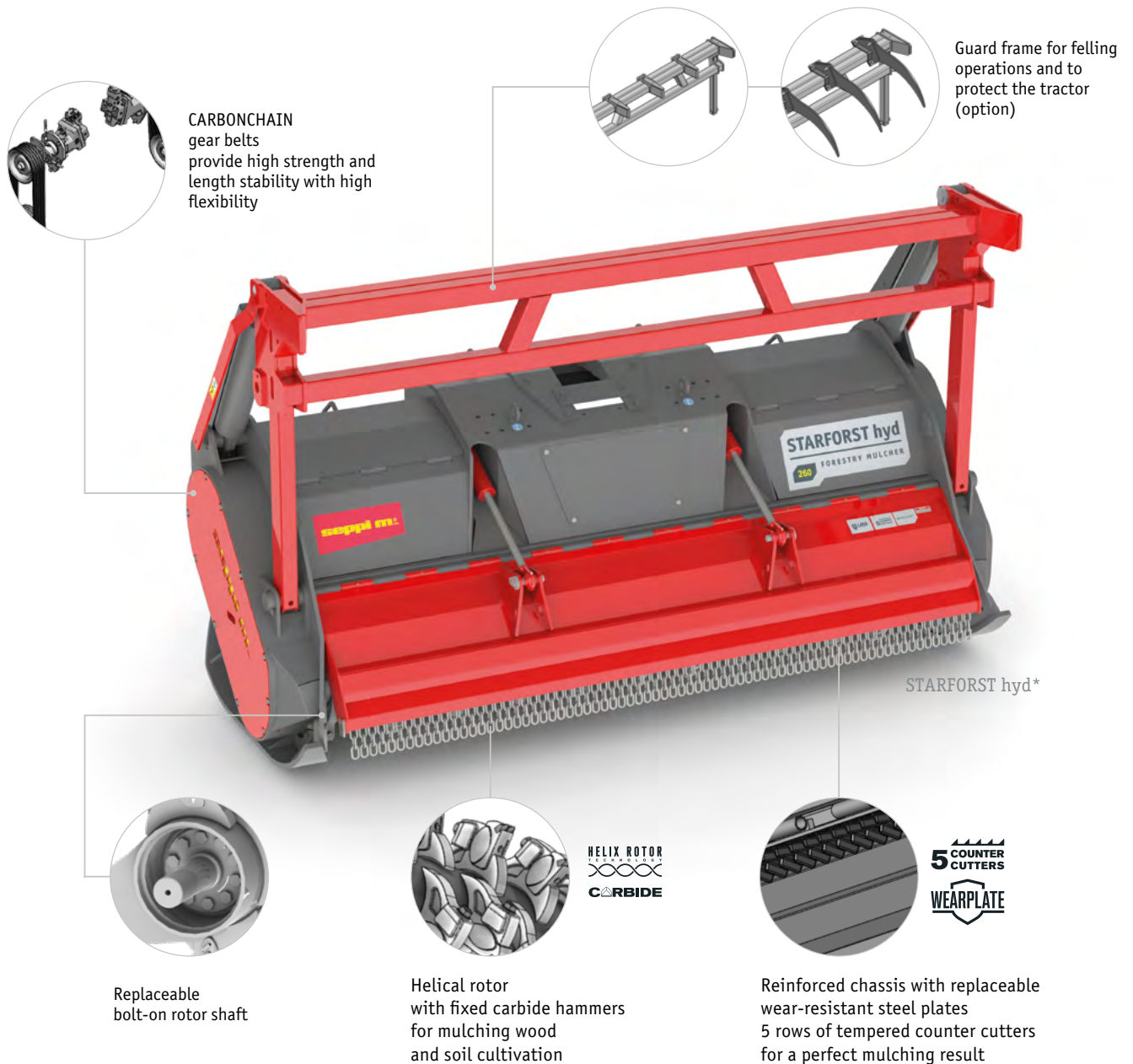


High-performance hydraulic drive

The powerful **STARFORST hyd** with double drive adapts to tractors with hydraulic flow rates between 200 and 500 l/min. The mulcher is available with the powerful and efficient M-BOOST motor which delivers 40% more torque than standard motors.

HYDRAULIC DRIVE	
Pressure	200-350 bar [3,000 - 5,075 psi]
Required hydraulic flow	200-520 l/min [53 - 137 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 5 bar

REQUIRED HYDRAULIC LINES	
Hydraulically operated hood	1 double acting
Hydraulic guard frame	1 double acting



CARBONCHAIN gear belts provide high strength and length stability with high flexibility

Guard frame for felling operations and to protect the tractor (option)

STARFORST hyd*

Replaceable bolt-on rotor shaft

Helical rotor with fixed carbide hammers for mulching wood and soil cultivation

Reinforced chassis with replaceable wear-resistant steel plates
5 rows of tempered counter cutters for a perfect mulching result

* new color combination from 2021

STARSOIL hyd

250-350 bar | 230-500 l/min

ISOBUS
ready

The most innovative development among all of the SEPPI M. hydraulic mulchers: STARSOIL hyd - stone crusher and forestry tiller all in one

It can carry out multiple jobs: crushing stones, recycling materials, stabilizing terrain, re-building and servicing roads, mulching wood... This versatile tiller has a innovative gear transmission system. Integrated cooling protects it from overheating during continuous work on stone and soil. Rotor speed can be easily regulated from the tractor cab. STARSOIL can be equipped with a compacting roller or guard frame, both with hydro-pneumatic levelling.

Standard version and specifications

- > Crushes stones up to 30 cm [12"] Ø, mulches wood up to 60 cm [24"] Ø
- > Tills the soil as deep as 40 cm [16"] and deeper, depending on working conditions
- > Working speed 0-5 km/h
- > Universal attachment interface
- > Dual side parallel gear transmission with integrated cooling circuit
- > ISOBUS system with terminal (temperature, cooling, hour counter)
- > 2SPEED system
- > Hydraulically operated hood
- > Chain protection
- > Chassis made of wear-resistant steel with internal replaceable plates
- > Tempered counter cutters, anvil bar and crushing grid
- > Narrow in-depth skids
- > Rotor: combination of fixed hammers ULTRA MONO PROTECT V-LOCK and lateral EXTREME

Optional configuration and accessories

- > Interface plates for loaders
- > Hydraulic block with pressure relief valve and internal hoses
- > M-BOOST automatic variable displacement motors 2x 110-160 or 2x 125-250 cm³
- > Support skids
- > Hydraulically operated compacting roller*
- > Hydraulic guard frame*

* Roller and guard frame do not work together

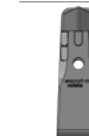


YouTube www.youtube.com/seppimulcher

Specifications • STARSOIL hyd

	225 cm [88"]	250 cm [98"]
Working width	225 cm [88"]	250 cm [98"]
Overall width	255 cm [100"]	280 cm [110"]
Depth	140 cm [55"]	140 cm [55"]
Depth with roller	207 cm [81"]	207 cm [81"]
Height	134 cm [53"]	134 cm [53"]
Weight (base value w/o options)	2.875 kg [6,340 lb]	3.000 kg [6,615"]
Weight with roller (base value)	3.300 kg [7,300 lb]	3.450 kg [7,600"]
Spur gears	2 x 5	2 x 5
ULTRA MONO PROTECT V-LOCK + EXTREME	2+2+41+2+2	2+2+46+2+2

V-LOCK Tools



Fixed hammer with tips made of tungsten carbide
ULTRA MONO PROTECT™



Lateral fixed hammers with tips made of tungsten carbide
EXTREME™



High-performance hydraulic drive

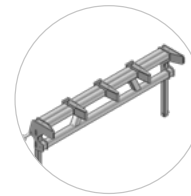
The **STARSOIL hyd** is a versatile machine with double drive and powerful motors requires flow rates between 230 and 500 l/min. You can choose from two M-BOOST motors that offer 40% more torque than standard motors.

2SPEED & ISOBUS

Thanks to the 2SPEED system, the motor speed can be switched on the ISOBUS terminal.

The operator changes the setting during operation.

This feature allows a higher torque and hence better processing both - during mulching wood (faster rpm) and crushing rocks and soil (slower rpm).



Guard frame for felling operations and to protect the tractor (option)

HYDRAULIC DRIVE	
Pressure	250-350 bar [3,625 - 5,075 psi]
Required hydraulic flow	230-500 l/min [61 - 132 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 5 bar
REQUIRED HYDRAULIC LINES	
Hydraulically operated hood	1 double acting
Hydraulic guard frame or roller	1 double acting



Transmission concept with spur gear motor, especially slim and space saving (integrated cooling)



Hydraulically operated compacting roller for depth control, may also be used as guard frame incl. roller scraper (option)



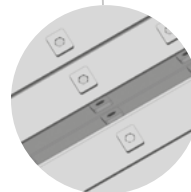
Adjustable anvil bar & crushing grid to adjust the degree of mulching



Narrow in-depth skids are standard. Optional skids which are suitable for working on the surface



Rotor: combination of tungsten carbide hammers and anti-wear hammer support; 2 rows of tempered counter cutters for a perfect mulching result



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



* new color combination from 2021

SUPERFORST hyd

200-350 bar | 290-720 l/min

High-performance mulcher for the most demanding challenges

SUPERFORST is the mulcher par excellence among the SEPPI M. hydraulic drive forestry mulchers. The powerful rotor with fixed hammers and hard metal inserts has a double drive. It is also available with swinging hammers on request. The frame and hood, completely in wear-resistant steel, are equipped with counter cutters that optimise results. It mulches wood up to 50 cm [20 inch] in diameter and is a strong partner during and after harvest.

There are different types of guard frames to choose from for felling operations and to protect the tractor.


Standard version and specifications

- > Mulches wood up to 50 cm [20"] Ø
- > Working speed 0-5 km/h
- > Universal attachment interface
- > Dual side belt transmission
- > Hydraulically operated hood
- > Chain protection
- > Chassis made of high tensile steel
- > Tempered counter cutters
- > Supporting skids
- > Standard rotor with fixed hammers MINI DUO

Optional configuration and accessories

- > Rotor with fixed hammers MONO TIP V-LOCK and lateral EXTREME
- > Interface plates for loaders
- > Hydraulic block with pressure relief valve and internal hoses
- > M-BOOST automatic variable displacement motors 2x 110-160 or 2x 125-250 cm³
- > Toothed belt transmission CARBONCHAIN
- > Mechanical or hydraulic guard frame



 www.youtube.com/seppimulcher

Specifications • SUPERFORST hyd	
Working width	250 cm [98"]
Overall width	294 cm [116"]
Depth	140 cm [55"]
Height	125 cm [49"]
Weight (base value w/o options)	4.000 kg [8,820 lb]
Belts	2 x 5
MINI DUO hammers	54
MONO TIP V-LOCK hammers with lateral EXTREME	3 + 77 + 3

TOOLS



Fixed hammer with inserts made of tungsten carbide
MINI DUO



Fixed hammer with inserts made of tungsten carbide
MONO TIP V-LOCK



Lateral fixed hammers with inserts made of tungsten carbide
EXTREME



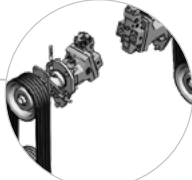
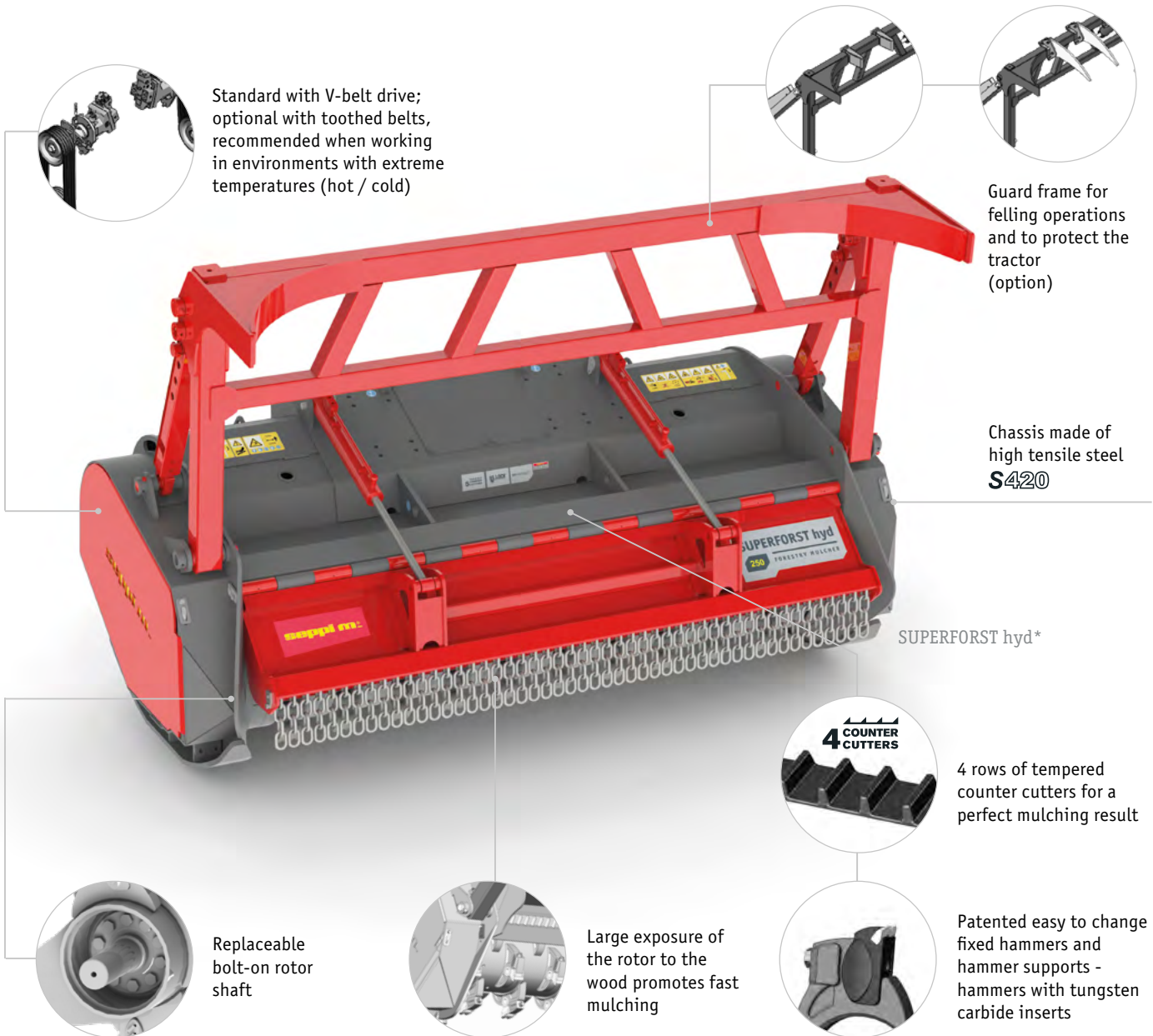
High-performance hydraulic drive

High performance **SUPERFORST hyd** mulchers with double drive requires hydraulic flow rates of up to 720 l/min and are available with different types of hydraulic motors. The powerful and efficient the M-BOOST motor delivers 40% more torque than standard motors.

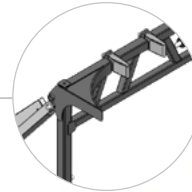
Your SEPPi M. dealer will help you choose the correct motor for your application.

HYDRAULIC DRIVE	
Pressure	200-350 bar [3,000-5,075 psi]
Required hydraulic flow	290-720 l/min [77-190 gpm]
Required hydraulic hoses	3 (pressure, return, drainage)
Case drain pressure	max. 5 bar

REQUIRED HYDRAULIC LINES	
Hydraulically operated hood	1 double acting
Hydraulic guard frame	1 double acting



Standard with V-belt drive; optional with toothed belts, recommended when working in environments with extreme temperatures (hot / cold)



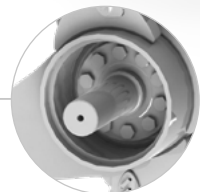
Guard frame for felling operations and to protect the tractor (option)

Chassis made of high tensile steel **S420**

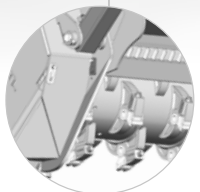
SUPERFORST hyd*



4 rows of tempered counter cutters for a perfect mulching result



Replaceable bolt-on rotor shaft



Large exposure of the rotor to the wood promotes fast mulching



Patented easy to change fixed hammers and hammer supports - hammers with tungsten carbide inserts

* new color combination from 2021