

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



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

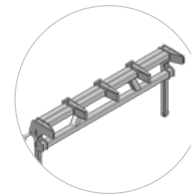
The **STARSOIL hyd** is a versatile machine with double drive and powerful motors requires flow rates between 230 and 500 l/min. You can choose from two M-BOOST motors that offer 40% more torque than standard motors.

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



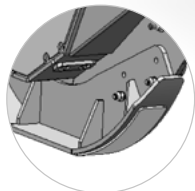
Transmission concept with spur gear motor, especially slim and space saving (integrated cooling)



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



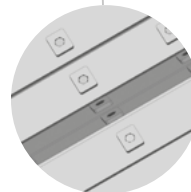
Adjustable anvil bar & crushing grid to adjust the degree of mulching



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