

# STARSOIL

150-310 HP



**The most innovative development among the crushers and tillers:  
The STARSOIL is 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 an innovative gear transmission system. Integrated cooling protects it from overheating during continuous work on stone and soil.

The MIDISOIL dt can be equipped with a compacting roller or grader blade, 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 0-2 km/h
- > ISO 3-point rear linkage cat. 3 central fixed
- > Gearbox 1000 U/min
- > Double drive with parallel gear transmission and with integrated cooling
- > Integrated torque limiter
- > ADAM alignment system
- > ISOBUS system (temperature, cooling, hour counter) with control unit + cable to tractor - requires an ISOBUS ready tractor
- > Chassis made of wear-resistant steel with internal replaceable plates
- > Tempered counterknives, anvil bar and crushing grid
- > Hydraulically operated hood
- > Chain protection
- > Narrow in-depth skids
- > Rotor with tungsten carbide insert hammers ULTRA MONO PROTECT V-LOCK and lateral EXTREME

## Optional configuration and accessories

- > PTO drive shaft without or with torque limiter
- > 2SPEED POWERSHIFT gearbox system
- > ISOBUS Terminal for ISOBUS ready tractors
- > RETROFIT - ISOBUS compatible system for older tractors
- > Hydraulically operated compacting roller\*
- > Hydraulically operated grader blade\*
- > Hydraulically operated skids
- > Hydraulic top link

\* roller / grader blade works not in combination



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

## Technical requirements

- > Creep speeds (max. 0,5 km/h) or CVT continuously variable transmission
- > Hydraulic three-point tractor linkage

Specifications · STARSOIL	Nominal power 150-310 HP	
Working width	<b>225 cm [88"]</b>	<b>250 cm [98"]</b>
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 opt.)	3.250 kg [7,170 lb]	3.500 kg [7,720 lb]
Weight with roller (base value)	3.750 kg [8,270 lb]	4,050 kg [8,930 lb]
Gear transmission	2	2
ULTRA MONO PROTECT + EXTREME	41 + 8	46 + 8

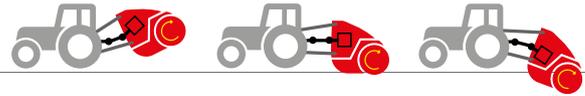


Fixed hammer with tungsten carbide tips  
ULTRA MONO PROTECT



Lateral fixed hammers with tungsten carbide tips  
EXTREME™

## Innovative transmission system



**ADAM** alignment system: Hydraulic tilting of the mulcher with PTO shaft alignment while keeping equal and W-shaped PTO shaft angles. This prevents damage to the PTO shaft and supports an ideal adaptation to the conditions of the ground

-> faster working, higher lifting, longer lifetime of the PTO shaft



**ADAM**

video ADAM  
www.seppi.com/en/adam

### 2SPEED POWERSHIFT & ISOBUS

With to the optional 2SPEED POWERSHIFT system, the rotor speed can be switched directly on the ISOBUS terminal. The operator changes the setting during operation - 1000 rpm for mulching on the surface - 540 rpm for working in the soil - maintaining the speed of the PTO on the tractor at 1000 rpm.

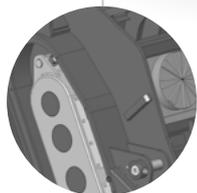
This feature allows a higher torque and hence better processing both during mulching wood (faster rpm) and crushing rocks and soil (slower rpm).



Hydraulic grader blade (option), height and rotation adjustment, with hydraulic pneumatic damping incl. lateral extensions  
· pressure gauge to control work of the grader blade

Hydraulically operated skids

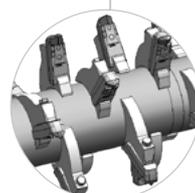
Hydraulically operated compacting roller for depth control, may also be used as guard frame incl. roller scraper (option)



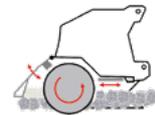
Transmission concept with spur gear motor, especially slim and space saving - integrated cooling



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



Rotor: combination of fixed hammers with tungsten carbide tips and anti-wear hammer support; tempered counter knives for a perfect mulching result



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