

# MIDISOIL dt

100-170 HP

## Smallest universal tiller of its kind

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.

With the optional 2SPEED™ gear the rotor speed can be regulated.

The MIDISOIL dt can be equipped with a compacting roller or grader blade, both with hydro-pneumatic levelling.

## Standard version and characteristics

- > Crushes stones up to 25 cm [10"] Ø, mulches wood up to 25 cm [10"] Ø
- > Tills the soil as deep as 25 cm [10"] and deeper, depending on working conditions
- > Working speed 0-2 km/h
- > ISO 3-point rear linkage cat. 2 central fixed
- > Gearbox 1000 U/min with freewheel
- > Double drive with parallel gear transmission and with integrated cooling
- > Integrated torque limiter
- > Control panel
- > 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 combination of fixed hammers SUPER MONO PROTECT and SUPER MONO EXTREME

## Optional configuration and accessories

- > PTO drive shaft with or without torque limiter
- > ADAM™ alignment system in combination with 2SPEED™ gearbox system (available for models 225 and 250)
- > Hydraulically operated compacting roller
- > Hydraulically operated grader blade
- > Support skids
- > Hydraulic top link

\* roller and grader blade not available in combination

## Technical requirements

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



SPECIFICATIONS		Tractor power 100-170 HP			
Working width	175 cm [69"]	200 cm [78"]	225 cm [88"]	250 cm [98"]	
Overall width	205 cm [80"]	230 cm [91"]	255 cm [100"]	280 cm [110"]	
Depth	113 cm [44"]	113 cm [44"]	113 cm [44"]	113 cm [44"]	
Depth with roller	160 cm [63"]	160 cm [63"]	160 cm [63"]	160 cm [63"]	
Height	125 cm [49"]	125 cm [49"]	125 cm [49"]	125 cm [49"]	
Weight (base value w/o opt.)	1.700 kg [3,748 lb]	2.750 kg [6,065 lb]	2.875 kg [6,340 lb]	3.000 kg [6,615"]	
Weight with roller (base value)	1.890 kg [4,167 lb]	3.150 kg [6,950 lb]	3.300 kg [7,300 lb]	3.450 kg [7,600"]	
Gear transmission	2	2	2	2	
Fixed hammers	2+30+2	2+34+2	2+42+2	2+50+2	

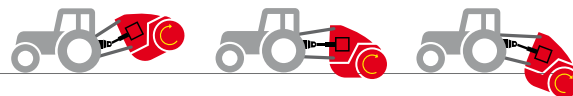


FIXED HAMMER  
WITH TIPS MADE OF  
TUNGSTEN CARBIDE  
SUPER MONO PROTECT™



LATERAL FIXED HAMMERS  
WITH TIPS MADE OF  
TUNGSTEN CARBIDE  
SUPER MONO EXTREME™

## Innovative transmission system



Option on model 225 and 250:

**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

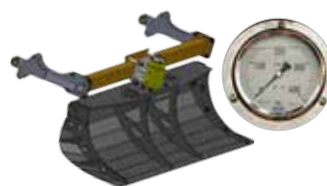
**2SPEED™** With the gearbox system the rotor speed can be changed by moving the mechanical lever in the main gearbox from fast to slow, while maintaining the speed of the PTO on the tractor at 1000 rpm. This feature allows a higher torque and hence better processing both during mulching wood (faster rpm) and crushing rocks and soil (slower rpm).



video ADAM™



Panel to monitor and control oil temperature



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



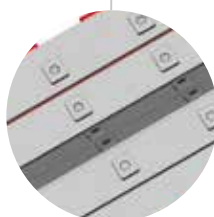
Hydraulically operated compacting roller for depth control, may also be used as guard frame incl. roller scraper (option)



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



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



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



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