

# MENART

## SP TURNERS



**THE TURNER THAT  
PUSH THE TRACTOR!**



### **MENART SP TURNERS**

- Total mixing of material
- Highly efficient aeration of windrows
- Robust and easy to operate
- Local transport by towing

### **TRACTORS**

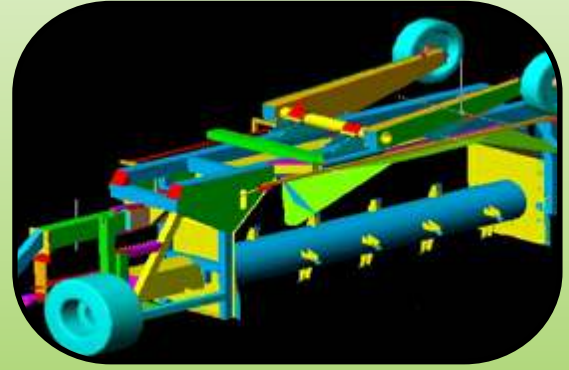
- Used out of gear in neutral
- Extra-slow speed not required
- Optimal power-to-peak performances
- Reduced fuel consumption

Based on new innovative design principles, the MENART SP turners received several prestige awards at large international fairs.

Uniquely, MENART SP turners push the tractor - i.e. the tractor is not pulling the turner as one would expect.

The tractor power take off (PTO) supplies the turner's hydraulic system which, in turn, activates the large working wheels to drive the combined unit.

Current turner models benefit from more than 15 years of continuous product improvement thanks to a worldwide field experience.



## Description of the **MENART** **turners**



An adjustable deflector hood contains projectiles and is adjustable by jacks



The multi-function control box can be kept in the tractor cabin



# Main strengths of the **MENART** **SP turners**

## Big working capacity

- progression speed up to 1.200 m/h,
- can work windrows being up to 5.30 metres wide and 2 metres high,
- area gain on the composting platform.



## Great working quality and great quality of the compost produced

The MENART SP works uniformly on the ground level, on each side of the windrow.

Thanks to its specific design, the mixing rotor stirs the material by crossing flows, avoiding compacting before ventilation.

Thanks to its powerful rotor, the materials mixing and refining are perfect.

The progression speed is continuously adjustable from 0 km/h up to its maximal speed: slow speed when the windrow is denser or to better oxygenate it; high speed to gain efficiency.



## Easy to transport, pulled by it's tractor

The MENART SP turners are equipped with a coupling bar especially made to facilitate local transport

The centre of gravity is low and the MENART SP turners move safely with a standard and non-ballasted tractor on all types of road and terrain.



## Low operating costs

The power taken from the tractor is efficiently done because the tractor is pushed by the SP turner and does not use power unnecessarily otherwise...

The SP turners allow that fuel consumption is controlled and in comparison are twice as efficient as turners pulled by their tractors

## Low maintenance costs

The tractors used are standard models (no need for a reducer gearbox) which makes maintenance services easier and less costly.

## Reliability at work

The SP turner's tunnel can be lifted by up to 50 cms which allows easily freeing the turner if there are obstacles in the windrow.



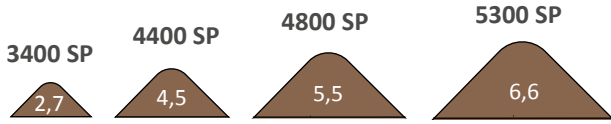
## Available options



- Hour counter
- Meter counter
- Connexions and pipes for liquid spraying
- Equipment for tarpaulin covering
- Choices of tyres
- Etc.

# Practical data

Large volume windrows for a better composting process:



Section max. (m<sup>2</sup>)

	3400 SP	4400 SP	4800 SP	5300 SP
Max. section (m) :	3,3	4,3	4,8	5,3
Height (m) :	1,7	1,8	1,9	2
Max. height (m) :	2,2	2,3	2,4	2,5
Efficiency* (m <sup>3</sup> /h) :	1100	1500	1750	2000
Power mini-maxi of tractor (hp) :	60 - 95	80 - 110	90 - 150	100 - 180

The compost turner's efficiency (i.e. capacity) can vary according to the nature and state of the material being turned. The hourly throughput is up to three times higher with a fine and light material than with a wet or dense material.

# References

Innovative technology. Presence around the world: Europe, Asia, Middle East, Africa, North America, South America..

Applications: green waste, livestock waste, agro-industrial waste (sugar cane, palm tree residue, paper) polluted soils, domestic waste, etc..



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Local agent :



Please request documentation on our other products: shredders, turners, mobile and stationary screens, etc.

Alteration to the technical specifications can be done by Ménart se at any time without prior notice. Please cross check when ordering.

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