



MENART

CATALOGUE

Self-propelled turners

1. Elevation of the frame

The machine can be raised up to 50 cm to pass through higher windrows or to overcome a difficulty (windrow too high, too heavy or presence of an intruder).

2. Wheels or tracks

SPMs can be driven either by wheels or tracks. Wheels for greater driving comfort and ease of maintenance. Tracks for greater traction.

3. Robust track clearers

The track clearers are generously dimensioned to clear the material to ensure perfect grip for wheels or tracks.



4. Comfort and ergonomics

The cabs have been chosen to offer optimised ergonomics: panoramic vision, air-suspension seat, machine control, joysticks and touch screen, cruisecontrol. For maintenance, the covers can be transformed into a work platform, providing unrivalled ease of use for technicians.

5. High-performance machine

A large trapezoidal tunnel and a strong, powerful and a sturdy rotor make it possible maximum windrow heights. SPM turners ensure quality aeration and composting quality.



With almost 30 years' experience in the field, MENART SPM turners are renowned for their reliability, robustness and ability to handle all types of waste. MENART offers a range of 5 models, with a host of options and accessories to enable buyers to find the solution best suited to their project.

		SPM-36	SPM-47	SPM-58	SPM-63	SPM-73
Height of windrow	(m)	1.7	1.9	2.1	2.4	2.8
Max windrow height (elevated machine)	(m)	2.1	2.4	2.6	2.9	3.3
Max windrow width	(m)	4	5	6	6.5	7.5
Max engine power	(kW/hp)	110/147	225/302	225/302	280/375	470/630
Max output	(m3/h)	2000	3000	4000	5300	7000

PTO turners



All movements are controlled from inside the cab using a touch screen and joystick.

1. Elevation of the frame

The machine can be raised up to 50 cm to pass through higher windrows or to overcome a difficulty (windrow too high, too heavy or presence of an intruder).

2. Reliable mechanics

A torque limiter and freewheel function protect the mechanical transmission that powers the rotor and the hydraulic drive unit.



3. High performance rotor

The large diameter and weight of the rotor mean that maximum windrow heights can be achieved. In addition, the force of the rotor mechanically refines the material. The SP turners ensure incomparable aeration and composting quality.

4. Security shields

SP turners are fitted with a rubber curtain at the front, and are equipped with a metal deflector at the rear. (except SP-30)

5. Drive wheels

The working wheels are driving, they are driven by a hydraulic unit activated by the tractor power take-off. The forward speeds are the fastest on the market.

6. Ease of transport

The transport position is much appreciated by service providers who travel long distances on the road in complete safety. COC 40 km/h configuration available.



The SP range benefits from 30 years of innovation. SP turners are renowned for their ability to process all types of waste, with unrivalled yields and operating costs. SP turners propel the tractor, which works in freewheel mode. So there's no need for a tractor equipped with a creep gearbox or continuously-variable transmission.

		SP-30	SP-40	SP-50	SP-60
Tractor power (indicative)	(hp)	90	110	180	250
Max windrow width	(m)	3.4	4.4	5.4	6.4
Height of windrow	(m)	1.7	1.8	2	2.2
Max windrow height in elevation position	(m)	2.2	2.3	2.5	2.7
Max output	(m ³ /h)	1100	1800	2500	4000

Shredders

1. Synchronised feeding system

The advance of the feeding conveyor to the bottom of the hopper is synchronised with the speed of rotation of the compactor roller for better feed control.

2. Numerous motorisation options and configurations

Diesel, electric or tractor PTO powered. Mobile or stationary shredders. On-board version on ampliroll cradle.

3. Road configuration

The machine can be equipped for road use and comply with European COC 40KM/H approval.



4. Discharge conveyor (optional)

Belt conveyor. Folds onto the top of the machine for transport. Also available with magnetic pulley to remove ferrous materials. .

5. Rotor with oscillating hammers

The rotor is fitted with easily interchangeable hammers. Several choices are available to suit site requirements. Refining grids are also available.



MENART shredders are versatile and perfectly suited to small and medium-sized jobs. Their main use is shredding green waste, but they can also handle wood, pallets, manure and bio-waste. They are available with a range of drives (including diesel and tractor PTO). MENART shredders are aimed at waste treatment professionals (composting platforms, methanisation units), large landscapers and nursery gardeners, etc.

		B-102	B-121	B-145
Power in diesel version	(hp)	51	147	N/A
Power in electric version	(Kw)	37	75	N/A
Indicative power in tractor version (rpm)	(hp) (rpm Pdf)	70 (540)	120 (1000)	250-350 (1000)
Max diameter of branches	(cm)	8	15	20
Max output	(m ³ /h)	30	50	150

Trommel screen



1. Tilted drums

The material goes forward by the inclination of the drum and the lifting bars inside the trommel.

2. Choice of power unit

Different power sources are available: Diesel, Electric or Tractor hydraulic.



3. Cleaning brush

A rotating brush cleans impurities trapped in the screen mesh for improved screening performance.

4. Transportability

Optional retractable wheels allow the screen to be moved on site.

5. Compact screens

TSC trommels are equipped with an integrated hopper and screening drum. A simple, efficient concept.



TSC screens are compact, all-in-one screening machines. Their simple, efficient design provides all the essential functions for quality screening. Maintenance operations are minimal.

		TSC-1535	TSC-1950	TSC-1960
Drum diameter	(m)	1.55	1.89	1.89
Sieving surface	(m ²)	13.9	25	30.5
Hopper capacity	(m ³)	2.5	4	4
Diesel engine power	(hp)	50	83	83
Electric motor power	Kw	18	30	30
Max output	(m ³ /h)	40	100	120

Other equipment

Side-discharge turners

The MENART STM-32 tabular turner is the solution for handling large volumes in confined spaces. Features include: 2 conical rotors; directional wheels for better manoeuvrability; adjustable deflector on the conveyor to direct the output flow.



SEMI-INDUSTRIAL BAGGING UNIT

Composed of a hopper with a gauge and an electronic weighing device, the MENART bagging unit produces up to 120 bags of compost per hour.



Compost separator

The SSAM removes undesirable materials from screened compost. This MENART separator performs several operations in one: extraction of stones using 2 inclined conveyors with adjustable speed; extraction of metal using a magnetic pulley; extraction of light plastics using 2 aspirators.



MENART WHO ARE WE?

Since 1961, MENART has been cultivating recognised expertise in many sectors of municipal and agricultural waste recycling and valorisation.

In 2011, when designing our new headquarters, we opted for high energy performance buildings.

All our products are designed and built on our site.



International distribution network

MENART and its customers can rely on a worldwide network of qualified official distributors. Distributors play an active role in marketing and after-sales service to guarantee the satisfaction of our clients.



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