

MENART



CATALOGUE

WASTE RECYCLING EQUIPMENT

MENART.EU





MENART ABOUT US

Since 1961, MENART has developed a recognized know-how in many sectors of recycling or preparation of industrial or agricultural materials.

In 2011, for the design of our new headquarters, we opted for a high energy performance building.

All our products are entirely built on our site thanks to the 40 people who make up the MENART team.



BÉRENGÈRE & JEAN-CLAUDE MÉNART
MANAGING DIRECTORS



INTERNATIONAL DEALER NETWORK



MENART and its customers can count on a worldwide network of qualified official distributors. The distributors actively participate in the marketing and after-sales service to guarantee the satisfaction of our users.





SELF-PROPELLED WINDROW TURNERS

MENART SPM RANGE

HIGHLIGHTS

- Outstanding capacities
- Powerful & robust
- All-terrain manoeuvrability
- High quality of aeration
- Extensive choice of models
- Operator comfort & safety

SPM MODELS

	UNIT	SPM-36	SPM-47	SPM-58	SPM-63	SPM-73
Tunnel height	m	1,7	1,9	2,1	2,4	2,8
Max. windrow height (tunnel raised)	m	2,1	2,4	2,6	2,9	3,3
Max.windrow width	m	3,9	4,9	5,9	6,3	7,3
Engine power	kW / hp	110 / 147	225 / 302 (St.V) 205 / 275 (Tier3)	225 / 302 (St.V) 205 / 275 (Tier3)	280 / 375	470/630
Indicative capacity	m³/h	2000	3000	4000	5300	7000

AVAILABLE ACCESSORIES

IRRIGATION CONNECTIONS
AUTONOMOUS IRRIGATION SYSTEM
SPRAYING DEVICE

ROLLER/UNROLLER
FOR GEOTEXTILE SHEETS / WRAPS
WHEELS OR TRACKS

REINFORCED ROTOR
...

HIGH PRODUCTIVITY

The SPM turners are equipped with powerful track clearers to improve traction grip. And thanks to their large tunnel, they can process huge windrows at a high speed.

ALL-TERRAIN MACHINES

MENART turners can lift up by 50 cm so you will never get stuck in the windrow. MENART turners are the only ones that can tilt forward or backward for ease and safe movement in slopes. Moreover, the left and the right traction (wheels or tracks) are independent and can adapt to the ground.

OPERATORS SAFETY

MENART turners are easy and safe to maintain thanks to a large and secure platform. The tunnel is equipped with protection against projectiles: in the front a rubber curtain and at the rear an adjustable metallic deflector.

SAVING SPACE

Thanks to the track clearers, windrows can be brought closer on the site, therefore gaining space. In addition, MENART turners are big but compact and they can spin around at the end of the windrow. Composting plant area is optimized.

EXCELLENT AERATION QUALITY

MENART turners have been specially designed to optimize the aeration and mixing process: larger trapezoidal tunnel, powerful rotor drum, no compacting effect, left-right crossing flow.

MAXIMUM DRIVER COMFORT

The cabins are the most modern with all-around visibility and pressurized air conditioning. Joystick controls are « at hand » for easy use. A fun and intuitive touch screen allows the operator to have all the machine information at a glance. The engine compartments are soundproofed.



APPLICATIONS

GREEN WASTE
HOUSEHOLD WASTE
POLLUTED SOIL

BIOSOLIDS
SUGAR CANE FILTER CAKES
PALM OIL (EFB and POME)

FARMING
(dairy, poultry...)



TRACTOR DRIVEN WINDROW TURNERS

MENART SP RANGE

HIGHLIGHTS

SP TURNERS

- Outstanding capacities
- Strong and robust
- Easy and safe to transport
- Excellent windrow aeration

TRACTORS FEATURES

- Creeper gear not required
- SP turners push the tractor
- Low fuel consumption

SP MODELS

	UNIT	SP-30	SP-40	SP-45	SP-50	SP-60
Engine Power	hp	90	110	150	180	250
Max windrow width	m	3,4	4,4	4,9	5,4	6,4
Tunnel height	m	1,7	1,8	1,9	2	2,2
Max windrow height (tunnel raised)	m	2,2	2,3	2,4	2,5	2,7
Indicative capacity	m³/h	1100	1800	2100	2500	4000

AVAILABLE ACCESSORIES

- LIQUID INJECTION CONNECTIONS
- SPRAYING DEVICES
- FLEECE ROLLER

OUTSTANDING YIELD

In the category of tractor-powered turners, MENART machines can process the widest and highest windrows in the world, and at very high speed.

AMAZING CAPACITIES

Thanks to its powerful rotor drums and its 50 cm tunnel raising capability, the MENART SP turners can process every matter even under extreme conditions.

BEST OPERATING COSTS

The turner driving wheels push the turner and the tractor. Tractors do not need creeper gear, they run in neutral gear. SP turners go faster, process higher windrows, consuming same fuel as a usual turner on a same period of time. Thus the fuel consumption per composted Ton is very low.

EXCELLENT MIXING QUALITY

Excellent mixing and aeration is ensured by the specific paddle orientation and by the large open tunnel. Refining is attained thanks to mechanical hits made by the paddles. The resulting quality is excellent even at the bottom right of the windrow.

EASY TO TRANSPORT, PULLED BY ITS TRACTOR

The center of gravity is low, and the machine stability is outstanding. SP turners are very easy and safe to be towed and moved around, on any kind of terrain (roads, dirt tracks). SP turners are all-terrains vehicles, ideal for contractors.

EASIER WORK MANAGEMENT

The touch-screen in the cab does much more than just control the machine. With the recording of the data (windrow identification, customer name, production time, etc.) it gives you the precise statement of the work done and you can download the data on your computer easily.



APPLICATIONS

GREEN WASTE
HOUSEHOLD WASTE
POLLUTED SOIL

BIOSOLIDS
SUGAR CANE FILTER CAKES
PALM OIL (EFB and POME)

FARMING
(dairy, poultry...)



SHREDDERS

B RANGE

HIGHLIGHTS

- 4 frame models
- Available in
 - Diesel
 - Electric
 - PTO-tractor
- Mobile or stationary
- Perfect for small and medium size sites

SHREDDERS MODELS

	UNIT	B-102	B-121	B-145	B-160
Diesel engine Power	ch	51	147	up to 350	up to 540
Electric motor power	KW	37	75	200	315
Tractor power / PTO	ch (tr/min)	70 (540)	120 (1000)	200 (1000)	300 (1000)
Max branch diameter	cm (inch)	8 (3")	15(7")	20(8")	25(10")
Capacity	m ³ /h (yd ³ /h)	30 (40)	50 (65)	up to 200 (up to 260)	up to 300 (up to 400)

AVAILABLE ACCESSORIES

SEVERAL CHOICE OF HAMMERS
DISCHARGE CONVEYOR
REMOTE CONTROL

SCREENING GRIDS FOR FINER SHREDDING
...

HIGH WORKING CAPACITY

The feeding hoppers are designed to be loaded by loaders, tractors, cranes, etc. The rotors are large and heavy. Small and medium MENART shredders are ideal for shredding large amounts of waste in a short time.

ROBUST AND EASY TO USE

MENART swinging-hammer shredders can shred any mix of green waste (grass, leaves, branches, wood, etc.), pallets, construction wood, food scrap, biowaste, manure, etc. without excessive wear compared to chippers.

VERSATILE USE

The speed of the moving floor is synchronized with the rotation speed of the compacting roll. Slow speed, fine output. High speed, coarse output. The user adjusts the speed according to his needs.

OUTPUT QUALITY

The shredded material is not crushed nor chipped. The fibres are broken and aerated, very good as a bulking agent for further composting applications or mulching.

MECHANICAL RELIABILITY AND ROBUSTNESS

The shredders are protected by several security systems: a no-stress system, automatic system for optimum feeding depending on the workload. Engine and rotor transmissions are protected against shocks and overloading, which also reduces maintenance and repair requirements.

MOBILITY AND ALL TERRAIN MACHINES

On roads, on site or in fields, MENART shredders are easily transported.



APPLICATIONS

GREEN WASTES
BRANCHES
PALLETS

PACKING WOOD
FOOD SCRAP
BIO-WASTE

FARMING
(dairy, poultry...)
...



TROMMEL SCREENS

COMPACT TSC RANGE

HIGHLIGHTS

- The TSC screens are simpler as they do not have the chassis nor the conveyors.

*They are therefore compact and cost-effective.
With optional wheels, they can be towed on the site.*

TSC MODELS

	UNIT	TSC-1535	TSC-1950	TSC-1960
Drum screen diameter	m	1,55	1,89	1,89
Drum screen overall length	m	4	6	7
Screening area	m ²	13,9	25	30,5
Hopper volume	m ³	2,5	4	4
Feeding height	m	≈ 4,5	≈ 4,5	≈ 4,5
Diesel engine power	ch	50	83	83
Electric motor power (TSC line only)	KW	18	30	30
Indicative capacity	m ³ /h	40	100	120

AVAILABLE ACCESSORIES

VARIOUS CHOICES OF MESH GRIDS
OR PERFORATED PLATES MESH
REMOTE CONTROL

IN SITU TRANSPORT WHEELS
CONVEYOR LENGTHS
...

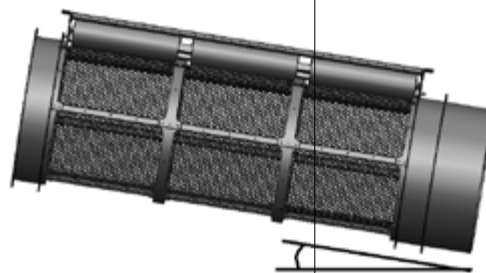
MENART manufactures mobile
screens and stationary installations
on demand.

TILED DRUM TECHNOLOGY

Inside the drum, the material moves forward thanks to both the drum inclination and the lifting bars.

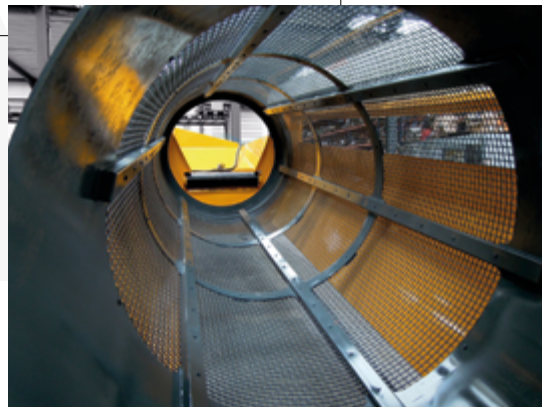
MECHANICAL REFINING EFFECT

The material is drawn upwards in the drum and then falls down on a perfectly clear floor of the drum. The impact due to the fall allows to break and better screen agglomerated balls.



EFFICIENT SCREENING

The grids are made of round section wires which make easy for the fine material to pass through. It is a top efficient sifting mesh. Additionally, the drums are equipped with monofibre wear resistant brushes for self-cleaning action.



OPTIMIZED YIELD WITH COMPACT MACHINE

The efficiency of the screening technology ensures larger production capacity on a shorter length drum.

CLOGGING-FREE

The inclined drum technology avoids use of conveying auger inside the drum, which considerably reduces grid clogging.



VERSATILE USE

Users can adjust the drum rotation speed as well as the drum feeding speed depending on working requirements.



APPLICATIONS

COMPOST
MULCH

...



MORE COMPOSTING EQUIPMENT

SIDE-DISCHARGE TURNERS

MENART has developed 2 side-discharge turners: one self-propelled and one tractor-driven. They can process 3,2 meter high piles. Some features: 2 conical rotor drums; steering wheels for better manoeuvrability; adjustable deflector on the conveyor.



USEMI-INDUSTRIAL BAGGING UNIT

Made of a hopper with gauge, and a weighing device with electric controls, the MENART bagging unit is simple and can reach 120 compost bags per hour.

COARSE COMPOST CLEANER

MENART SSAM compost cleaner filters the coarse compost allowing to recover the clean wood from the waste. MENART compost cleaner makes several jobs in one: stone removal thanks to 2 tilted conveyors with adjustable speed; iron removal thanks to a magnetic pulley, light plastic removal thanks to 2 wind sifters.



REFERENCES & APPLICATIONS





HOUSEHOLD WASTE RECYCLING MATERIAL SORTING AND RECOVERY PLANTS

MENART designs and supplies household waste sorting equipment to recover valuable materials. Along with its organic waste recycling machines, MENART provides a full solution for municipalities.

ADVANTAGES OF MBT PLANTS

- Safe for environment and human health
- Extended landfill lifecycle
- Saleable commodities (glass, cardboard, plastics, metals, compost, RDF)
- Employment and social development

ADVANTAGES OF MENART SOLUTIONS

- Tailor-made solutions
- Easy to operate and to maintain
- Simplicity, robustness and reliability
- Wide scope of services
 - from engineering to the local training

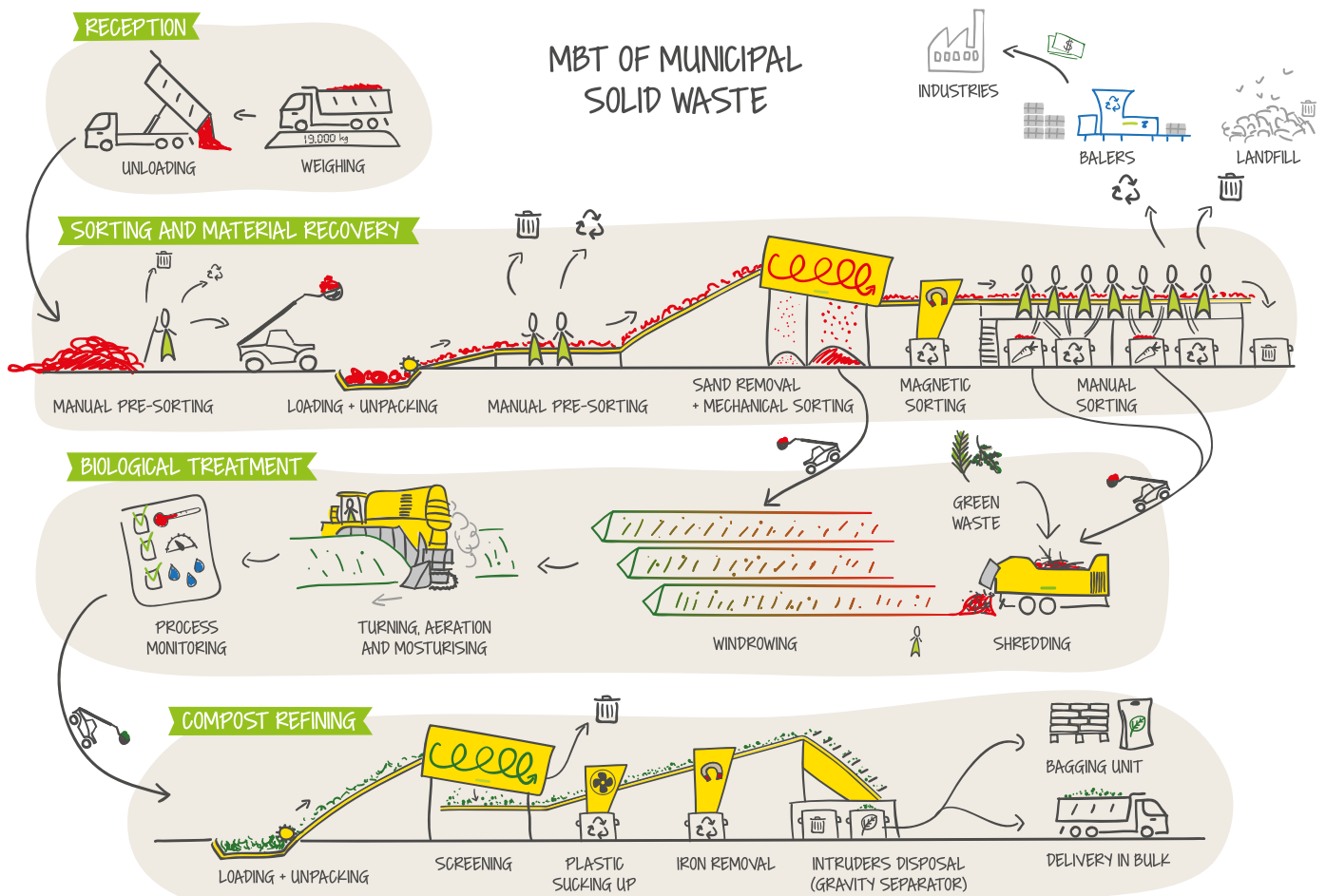
APPLICATIONS / EXTENSIONS

Possible extensions
to the MBT plant :

BALERS FOR RECYCLABLE MATERIALS
RDF EQUIPMENT
WASTE TO ENERGY

REFERENCES

VIETNAM	ROMANIA
PAKISTAN	ALGERIA
BULGARIA	COLOMBIA



Visual translation :
Adeline Guerriat for innerfrog.com

MenART



**MENART
BELGIUM**

*Rue Benoît, 31
B-7370 Dour
+32 (0)65 61 07 60
info@menart.eu*

**MENART
FRANCE**

*Rue Ambroise Croizat
F-59494 Petite-Forêt
+33 (0)3 27 31 03 87
info@menart.eu*

MENART.EU



FOLLOW US

