



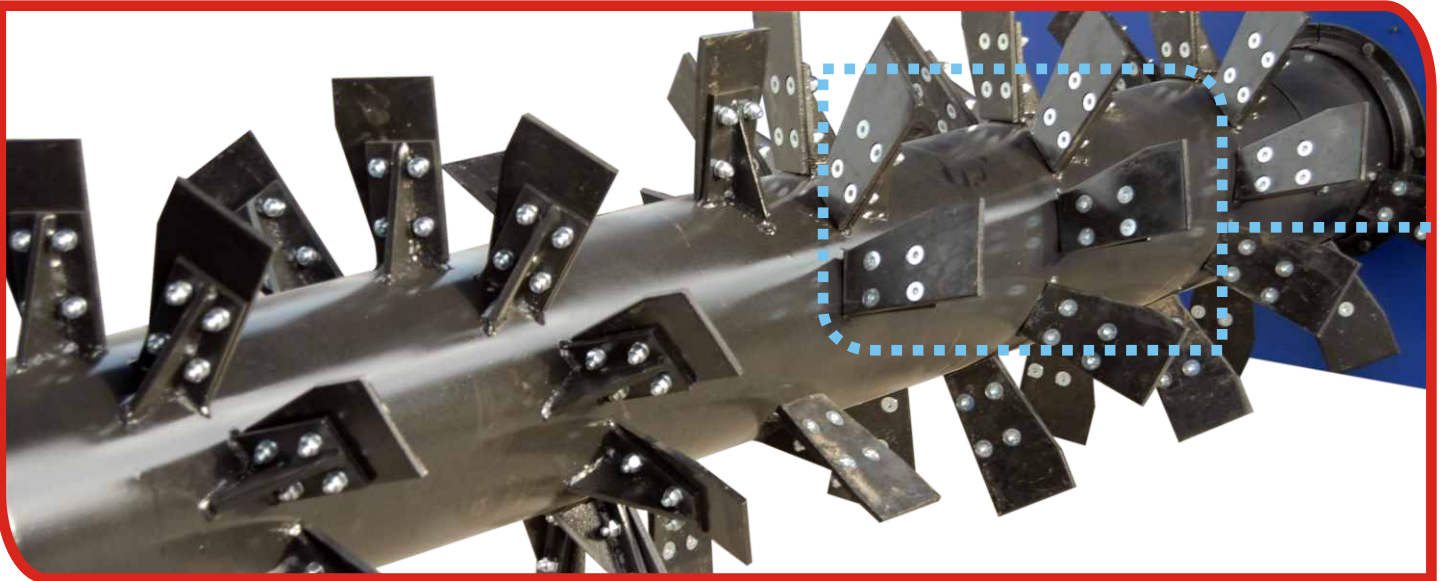
# EYS

Dewatering & Composting Solutions

**"Your Reliable Partner in  
Manure Management"**



**Compost Turner  
"GK3000"**



## Compost From Manure

EYS GK3000 Compost Turner is designed to convert dried organic matter (e.g: separated manure) into valuable compost by turning the bulk material periodically. It aerates the windrow for replenished oxygen supply while releasing the CO<sub>2</sub> build-up; breaks down the solid particles to optimum size for increased contact surface; regulates the temperature within the windrow for optimum aerobic reaction speed; and maintains the necessary humidity level evenly within the windrow by its integrated liquid spray system. These features facilitate the chemical reactions that are required for high quality compost.

EYS GK3000 Compost Turner is operated with a tractor via the creep-gear shaft. In transport mode, GK3000 stands up vertically on its transport wheel by means of hydraulic pistons. This allows for increased maneuverability and easy transportation of the machine. GK3000 moves over the windrow at an adjustable speed (0-300m/hr) as defined by the operator. The drum mixes and pushes the material from outside of the pile towards the middle, leaving behind a very neat and well-defined triangular windrow.

EYS GK3000 comes equipped with an 800lt liquid tank and an integrated spray system. This enables spraying of water or other liquids into the material as it is being turned, either to add moisture or to provide necessary nutrients to the compost. The pump sprays the liquid that it takes from the attached tank, through nozzles located on top of the tunnel and towards the drum (i.e. onto the compost material).

### Technical Specs:

Operational Width:	3000 mm
Operational Speed:	0-300 m/hr
Machine Weight:	3100 kg
Required Tractor Power:	min.80 hp
Turning Capacity:	960 m3/hr





## Modular Construction

EYS Compost Turner features specially manufactured wear-resistant hoes that can withstand even the harshest of materials for years of operation. They can nevertheless be easily replaced individually when necessary.



## Thoughtful Details, Maximum Efficiency

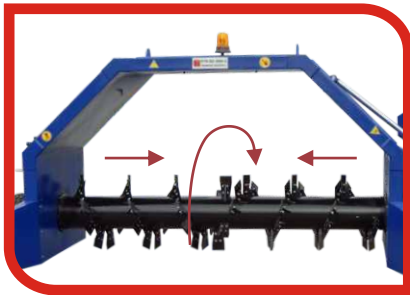
GK3000 lowers its height by 10cm when in operation, in order to reach even the bottom layers of the windrow. The result is a uniformly mixed material. The Compost Turner then goes back to its standard height for easy transport.

## Humidity & Nutrient Control

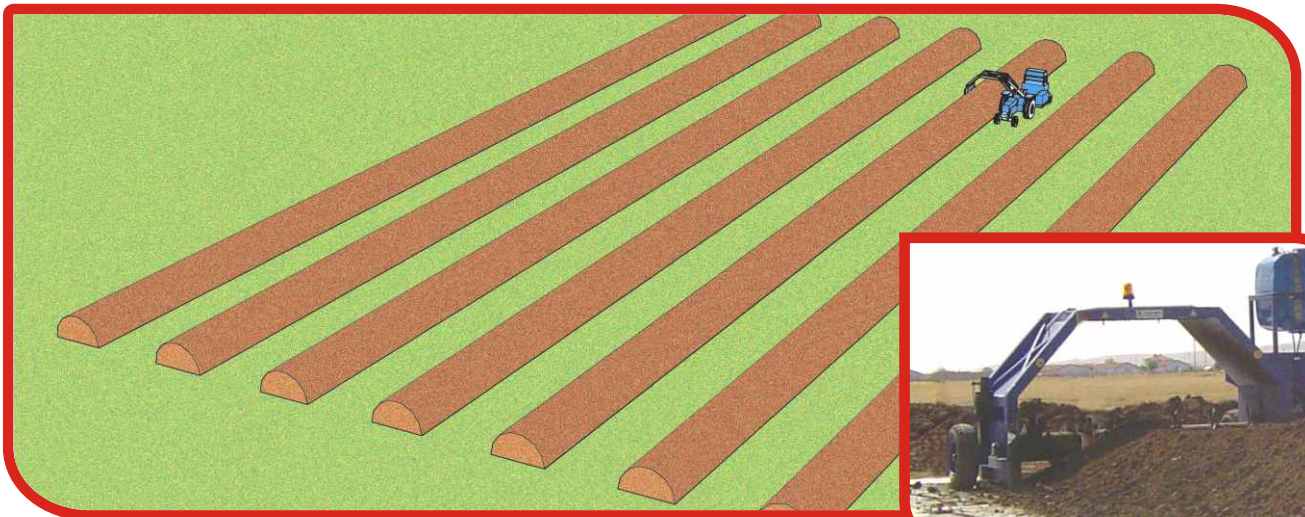
GK3000 comes standard with an 800 lt liqued tank and an integrated spray system. You can add water or other additives to your compost to achieve the special blend you are looking for.

## Neatly Organized Windrows

EYS Compost Turner not only vigorously turns your material, but also leaves a very organized pile behind it. The carefully adjusted angles of the mixing hoes picks up the material and throws it 1.5-2m behind the rotating drum. GK3000 does not change the orientation of the windrow, it merely moves forward within the pile.



GK3000's angled front collectors help gather any material that may have dispersed from the windrow. The mixing hoes pick up and move the compost from the outer edges of the windrow towards the middle.



## Windrow Orientation

Windrows should initially be arranged 3m wide and 1.6m high each. The aisles between each windrow should be 2.5m in order to allow a standard tractor to fit. The ground should be level and smooth for efficient operation of the machine and to ensure uniform windrows. EYS engineering team is always at your service to study and propose the most efficient windrow layout for your facility





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