

Achieve High-Quality Compost with  
Gujer Compost Turning Machines



**TG 231**  
For small tractors 25-60 hp

**Compost Turner**  
TG 231

Our completely redesigned compost turners are lightweight and compact with an independent hydraulic drumdrive. Various models are available: tractor-pulled, bucket loader-driven or self-propelled units.

# The technology

- ▶ Easy to operate, mechanically propelled model (TG 301 mechanical)
- ▶ Hydraulically propelled models (TG 301 und TG 201)
- ▶ Fully hydrostatic model SGF 3100 (SF 3400 and 4000 in separate brochure)

Built with heavy duty components such as:

- ▶ Saurer Danfoss
- ▶ Perkins engines etc.



The core of each compost turner is the heavy duty and state-of-the-art drum.



# Why turn compost?

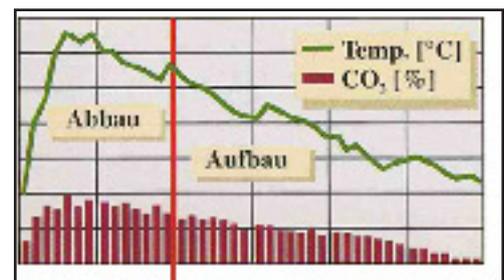
## Our turners, your advantage:

- ▶ Low maintenance cost because of our high quality manufacturing sturdy construction and optimized design! Contact us and we will be pleased to explain the advantages to you.
- ▶ easy operation and handling
- ▶ gentle drum action preserves the crumb structure
- ▶ No odor! Our equipment, in combination with the proper composting method ensures optimized material condition, thus guaranteeing an aerobic composting process, which produces no offensive odors.
- ▶ Minimized wear on (gravel) roads due to our side-swivel counterweight (TG 301)
- ▶ Many options for customization
- ▶ Optimal control of windrow position through lateral shifting appliance; your windrow always stays where it should (option)



Krümstruktur 1 : 50

The oxygen content of compost windrow must be observed on a daily basis. The Lübke-Hildebrandt composting method uses a substitution test via CO<sup>2</sup>-monitoring. If the CO<sup>2</sup> content of a windrow rises above 12%, the oxygen level drops under 5%. An aerobic rotting process requires at least 5% oxygen. Therefore the windrow must be turned as soon as the CO<sup>2</sup>-content rises above 12%. Even during long term storage of mature compost, the CO<sup>2</sup>-production of the final product must not exceed 1%.



Temperature and CO<sub>2</sub> in the compost windrow

## Our little one! Convincing performance, for small tractors



For tractors with overall width until 1.80m  
Designed for smaller composting facilities, and the intention to produce highest-quality compost. Capacity up to 400 m<sup>3</sup>/h.

**Ideal for agriculture, nurseries and small communities.**

- ▶ Easy operation and handling
- ▶ Top-Tex fleece underpassing
- ▶ Braked axle

## Options

- ▶ Access to watering manifold with diffuser nozzles
- ▶ Watering manifold complete (tank, pump, watering line with nozzles)
- ▶ Lateral shifting
- ▶ grooming-shields, right side hydraulic



TG 231 in transport position TG 231 in working position



Floating position (option)  
for tractors without separate floating position



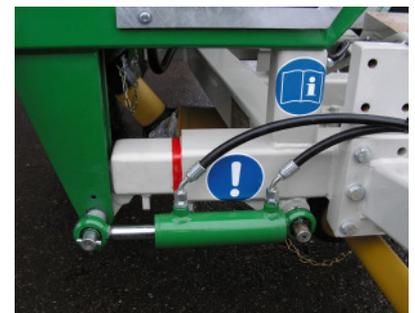
Stabilizing wheel



Grooming shield



Direct impulse  
drive on tunnel

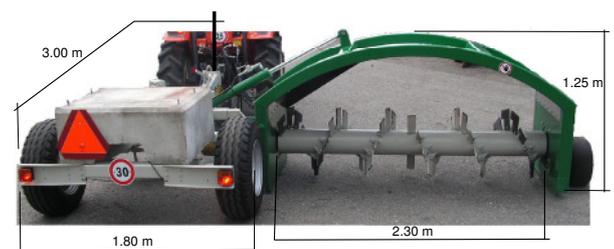


Lateral shifting

## Technical Data

Tractor power	45-80 hp
Windrow width	up to 2,5m
working speed at full throttle	300-400m/h
Weight	approx. 1'950 kg
Total length	3,5 m
Width	1,75 m
Tunnel height (material chrome steel)	1,25 m

nur Obenanhängung möglich



Transportstellung 3.55 m

# **GUJER** **INNÖTEC AG**

Umwelt und Kompostiertechnik

Your  
Dealer

## **Consulting:**

Daniel Büchi

**tractor-pulled machines** mech. and hydr.

Marcel Stähli

**SGF 3100 self-propelled**

## **Sales:**

René Gujer

**TG, general**

## **Administration:**

Sandra Wuethrich

## **Gujer Innotec AG**

Horbenerstrasse 7  
CH-8308 Mesikon

Tel. + 41 52 346 21 94

Fax + 41 52 346 21 93

**[rene.gujer@gujerland.ch](mailto:rene.gujer@gujerland.ch)**

**[www.gujerinnotec.ch](http://www.gujerinnotec.ch)**

