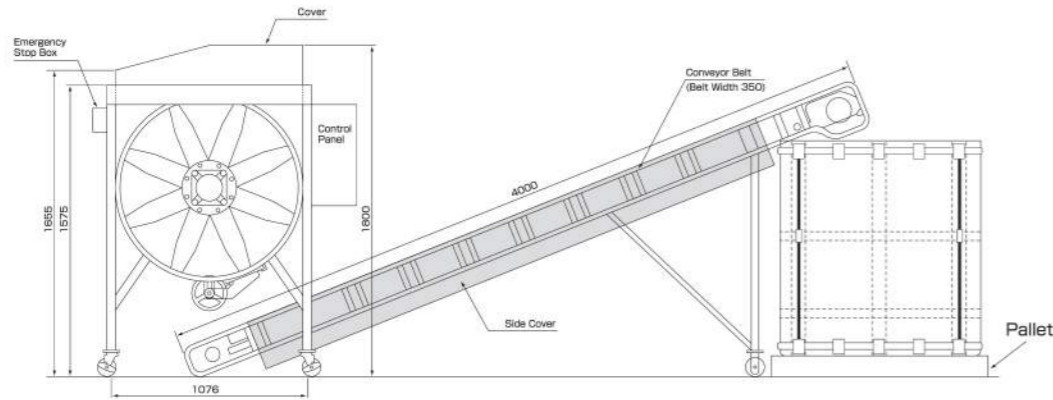


Complete TAHIRON MAZELLA System



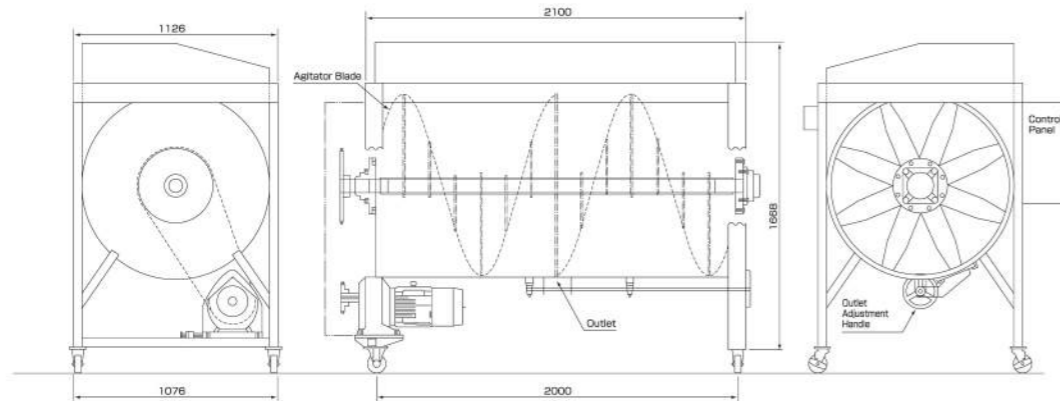
Standards / Specifications

TAHIRON

Product Name	Diameter x Height (mm)	Capacity	Loading / Vent Openings	Remarks
Free-Standing TAHIRON	1100×1150	Approx. 1 m ³	All Open (D-rings included)	Free-Standing function requires load (Vent drawstring disposable)
New TAHIRON	1100×1150	Approx. 1 m ³	All Open (D-rings included)	Bag retainer required (Vent drawstring disposable)

MAZELLA (Model TMR-113)

Mixer	Capacity	1 m ³ (Effective capacity 0.8 m ³)
	Supply Method	Loading (Using a front loader, etc.)
	Mixing Method	Ribbon-type
	Power Supply	4 pole, 3 phase, 200V 50/60Hz
	Output	3.7kw (60Hz)
	Rotation Speed	10 rpm
	Measurements	1126×2100×1800mm (length x width x height)
Conveyor	Weight	Approx. 800kg
	Type	Belt Conveyor
	Speed	0.73 m/s
	Measurements	4000×464×268mm (length x width x height)
	Weight	Approx. 100kg



TAHIRON[®] MAZELLA[®] System

Simple Composting System for Livestock Manure

MAZELLA TMR-113 (Livestock Manure Mixer - Conforms to Safety Standards - Safety Inspection No. 35126)



Decreases odor, prevents flies

Compost domestic livestock manure simply by loading TAHIRON bags

(Low-cost composting)

No eyesores - TAHIRON bags can be kept outdoors

Central Livestock Society Member
Agricultural, Forestry and Marine Technology Information Cooperative Society Member

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Due to improvements, standards and methods are subject to change without notice.

2011.04

 **TANAKASANGYO**

TAHIRON® MAZELLA® System Features

- 1** Livestock manure is turned to compost simply by using the mixer for moisture-adjustment and loading it into TAHIRON bags. The bags can be safely stored even in the open air.
- 2** **Decreases smells and offensive odors, prevents flies**

 - The ammonia smell caused by the high temperatures that accompany fermentation heat due to microbes' activity is absorbed into the water vapor that occurs at the same time, collecting in drops of moisture in the inside upper section of the TAHIRON bags. Thus, no ammonia odor occurs.
 - As fly larvae (maggots) are bigger than the mesh of the bags' fabric, they die inside the TAHIRON bags due to the high temperatures caused by fermentation. Even if they manage to mature, they still die naturally inside the bags.
- 3** **No eyesores - TAHIRON bags can be kept outdoors**



Conventional Composting Systems



TAHIRON MAZELLA System

No need for counter-operations, no need for large-scale manure pile fermentation facilities



TAHIRON MAZELLA System



Store TAHIRON bags outdoors

TAHIRON® MAZELLA® System Flowchart

