



Big Dutchman®

TAKING ACTION FOR FUTURE GENERATIONS

Waste Management System



Sustainable, Environmentally Friendly

EMBRACE SUSTAINABLE FARMING WITH OUR COMPOSTING SOLUTIONS

As global agriculture shifts towards eco-friendly practices, managing livestock waste is crucial for sustainable farming. Achieving a balanced environment through sustainable farming practices benefits farmers and promotes social and economic equity.

At Big Dutchman, we provide the expertise and solutions to make green livestock farming a reality. Our Circular Economy System aims to eliminate waste and ensure the continual use of resources.

WHY PROPER LIVESTOCK WASTE MANAGEMENT MATTERS:

- **Environmental Benefits:**

Composting enhances farm biosecurity, reduces waste volume, prevents pollution such as nutrient runoff into water bodies, and lowers greenhouse gas emissions compared to untreated waste and landfills.

- **Nutrient Recycling:**

Livestock waste is rich in nutrients that can be returned to the soil, reducing dependence on chemical fertilizers and avoiding intensive farming practices that can harm the ecosystem.

- **Economic Benefits:**

By producing nutrient-rich compost in-house, farmers can create an additional revenue stream and can market their products as environmentally friendly.



BENEFITS of Big Dutchman's Waste Management System

- **Pathogen free**

- **Volume reduction**

- **Farm hygiene (Biosecurity)**

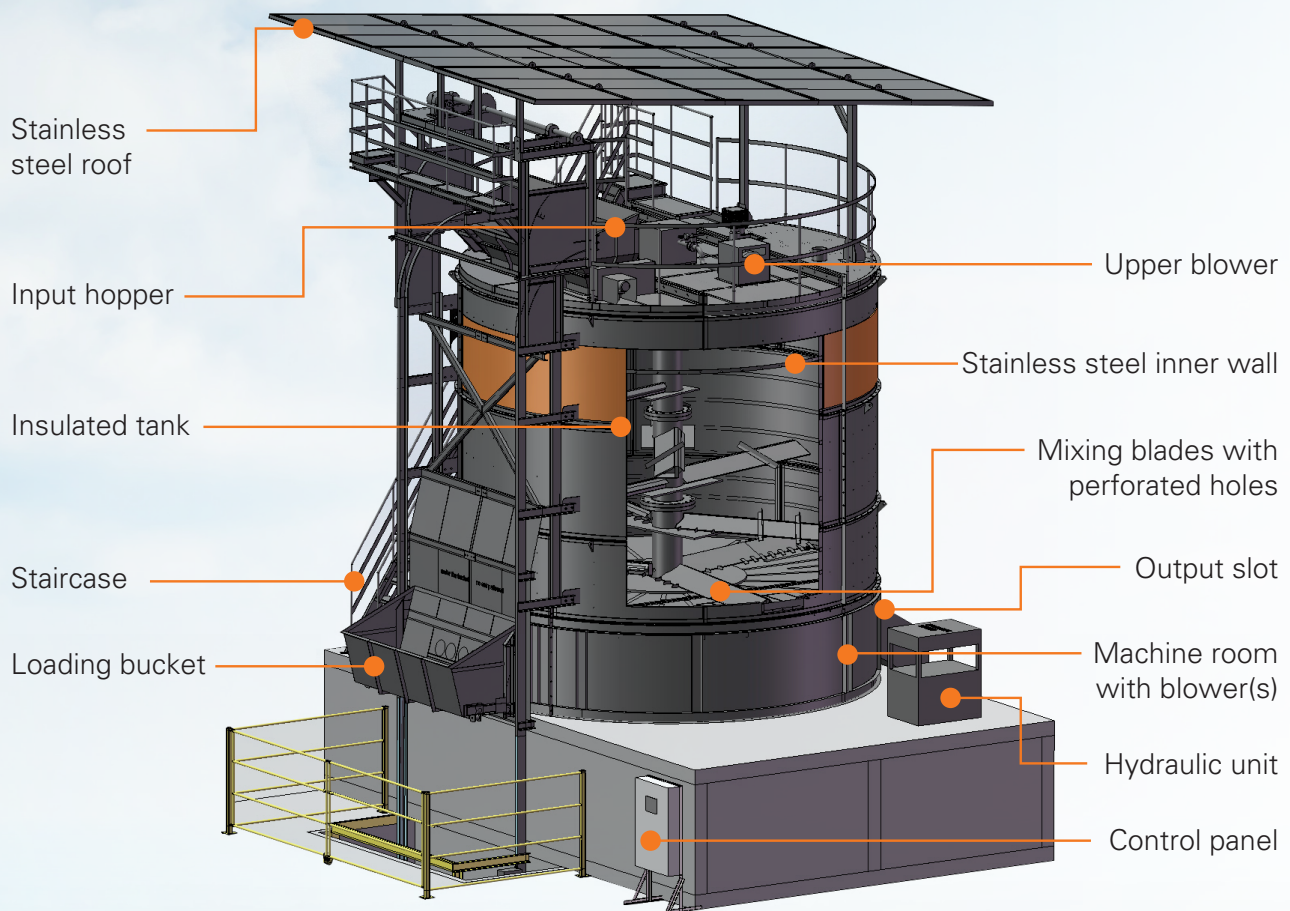
- **Organic compost**

- **Global support**

- **Odor management**

- **Emission reduction**

CompoTower – Turning Waste Into Profit

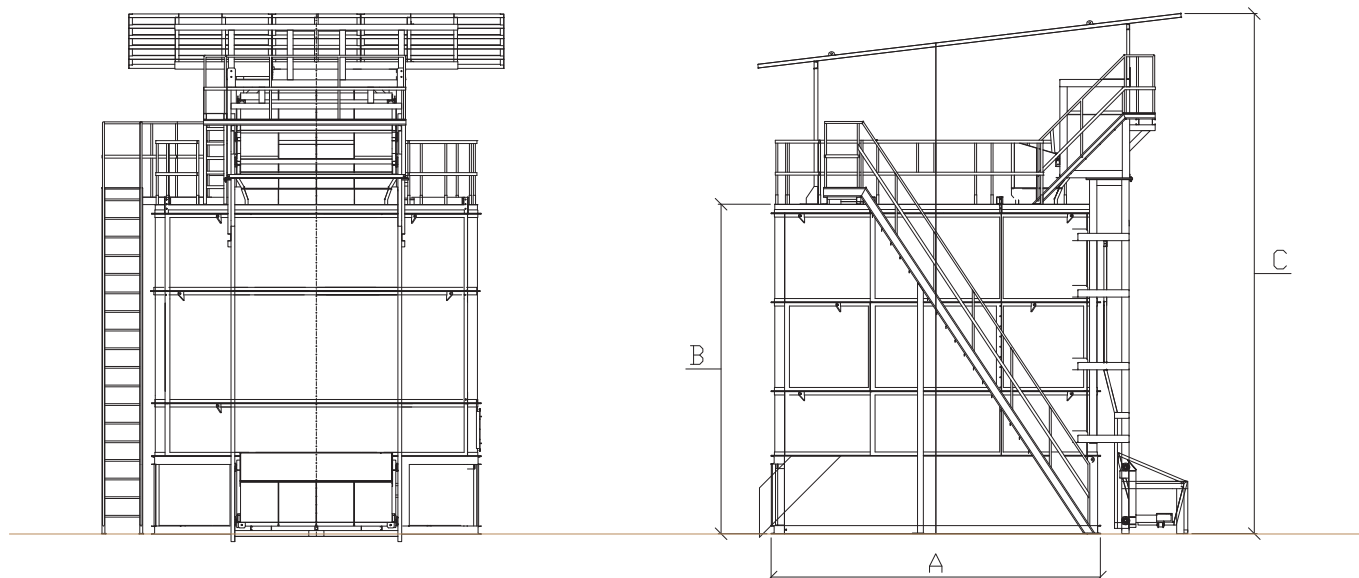


At Big Dutchman, we provide Air Scrubbers designed to minimize emissions of ammonia, odors, and dust particulates, significantly reducing environmental impact.



CompoTower

TECHNICAL DATA OF COMPOTOWER



Model	Unit	BD8	BD40	BD60	BD90	BD100	BD140	BD200
Dimension								
A	mm	2300	4500	4500	5500	5665	6500	7715
B	mm	3360	4060	5300	5440	5650	5975	6040
C	mm	5550	7480	8710	8760	8940	9300	9300
Technical data								
Tank effective volume	m ³	8	39	56	86	96	132	192
Bucket filling volume	m ³	Up to 0.35	Up to 1.2	Up to 1.2	Up to 1.7	Up to 1.7	Up to 1.7	Up to 1.7
Tower weight (without loading)	t	5.3	18	26	29	32	45	61
*Input capacity (layer manure)	t/day	Up to 1.4	Up to 6.5	Up to 8.5	Up to 13.5	Up to 15	Up to 19.2	Up to 28
*Processing time	day	5 - 15						
Voltage	V	380 (3-phase, 50Hz)						
	V	380 (3-phase, 60Hz)						
	V	220 (3-phase, 60Hz)						
Connected power 380V 3-phase 50Hz	kW	4.95	14.88	20.88	33.88	33.88	52.63	65.78
Connected power 380V 3-phase 60Hz	kW	4.95	19.8	23.6	42.6	42.6	65	81.8
Connected power 220V 3-phase 60Hz	kW	4.95	19.8	23.6	42.6	42.6	65	81.8

* For general reference only. Subject to change depending on input moisture content, etc.



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**SUSTAINABLE
DEVELOPMENT
GOALS**

Technical details subject to change. 05-2025