

## **Smart composting with Kohshin Engineering**

**Booth number: B36032**

### **Efficient solutions for manure and bio-waste challenges**

Are you struggling to manage manure or bio-waste on your farm? Kohshin Engineering, a trusted Japanese company, offers the perfect solution. Our advanced composting machines transform waste into valuable organic fertilizer, helping you save on land and labor costs while boosting your profits.

### **The problem with drying manure**

Currently, in some countries farmers still dry their manure, believing it benefits the soil. However, this practice can reduce soil fertility and crop yields. Why? When manure dries, moisture evaporates, leaving behind high salt concentrations like sodium chloride and potassium chloride. These salts increase soil salinity, which can harm plant roots by depriving them of water and nutrients. Additionally, dried manure releases nitrogen too quickly, causing nitrogen leaching and potentially contaminating groundwater.

### **Why composting is better**

In contrast, composting is a controlled process where microorganisms break down manure into stable compost rich in humus. This method stabilizes nitrogen, ensuring plants receive nutrients gradually, reducing environmental risks. Composting also improves the water retention of dry soils, making it especially useful in areas with low rainfall. This not only promotes healthier plant growth but also conserves water.

Composted manure also produces a more natural smell when wet compared to dried manure, which tends to emit unpleasant odor in humid conditions.

[Successful stories of our clients](#)

### **What Kohshin Engineering offers**

Our composters promote the growth of aerobic bacteria, eliminating the need for chemicals or boosters. This process ensures a high-temperature, pathogen-free result with minimal odor. Additionally, the machines run overnight without supervision. Operators only need to load materials and remove the final product.

[Watch a video to learn more](#)

### **Benefits of composting with Kohshin**

- Produce pathogen-free, high-quality fertilizer that enhances soil water retention and nutrients.  
[Watch a video of our final product](#)
- Our composting system meets global standards, allowing you to sell your fertilizer locally and internationally.

Kohshin Engineering's composting technology helps you make the most out of your bio-waste, ensuring a sustainable and profitable solution for your farm. Discover the future of waste management with Kohshin Engineering!

[Read more on our website](#)