YES-SUN | Equipment Selection Guide

Food waste, livestock manure and agricultural residues — preliminary project discussion

Prepared 6 November 2026 from the equipment information published on the Yes-Sun website. This guide is a planning reference. Confirm the current model, configuration, material suitability and project specification before quotation.

Compare published reference values

Model	Initial application	Batch volume	Daily volume reference	Reaction stage	Additional drying
DIY-150L	Smaller on-site projects, farms, parks and schools	120–150 L	Confirm operating schedule	90 min	4–6 h
COM-400L	Food-service, community and smaller commercial projects	280–320 L	1,000–2,000 L	90 min	4–12 h
COM-1000L	Larger institutional and commercial facilities	800 L	3,000 L	90 min	6–12 h
SUN-1500L	Industrial facilities and larger integrated processing lines	1,400 L	5,000 L	90 min	At least 8 h
ECO-6000L	Larger projects handling dry, solid crop residues	Confirm current batch specification	20,000 L reference	90 min	At least 8 h

Reaction time is one stage. Preparation, drying, material handling and output checks must also be planned. Published daily-volume figures are separate references; do not calculate output by dividing a day by the reaction time alone.

Material matters. Throughput and drying time depend on moisture, bulk density, feedstock, utilities, configuration and operating schedule. Litres cannot be converted into kilograms without the material's bulk density.

ECO-6000L: confirm the current batch capacity and material specification with Yes-Sun before selecting this model.

Utilities and your project enquiry

Model	Published utility reference	Published dimensions / layout
DIY-150L	Three-phase 220/380 V; 800 W electrical reference, plus gas 1.2 kg/h	85 × 140 × 150 cm
COM-400L	Three-phase 220/380 V; 12.5 kW reference; electricity or factory steam	130 × 130 × 230 cm
COM-1000L	Three-phase 220/380 V; 30 kW reference including heating; electricity or factory steam	300 × 200 × 250 cm
SUN-1500L	Project-specific; steam, electric heating or boiler options	Project-specific layout
ECO-6000L	Project-specific; steam, electric heating or boiler options	Project-specific layout

Prepare for equipment selection

Country and installation setting • material or material mixture • estimated wet weight per day • moisture and bulk density, if known • available electricity or heat source • operating schedule • intended output • installation and local requirements.

Equipment buyers: www.yessun.com/en/request-a-quote/
Distributors and technical partners: www.yessun.com/en/become-a-distributor/
International enquiries: compostingfree@gmail.com

Published source pages

DIY equipment: https://www.yessun.com/en/diy-organic-fertilizer-machine/

Commercial equipment: https://www.yessun.com/en/commercial-equipment-3/

Industrial equipment: https://www.yessun.com/en/industrial-equipment-3/

Power ratings are reference values, not measured energy use per batch. Steam, gas, electricity, preparation equipment and drying requirements must be confirmed for the proposed configuration. Commercial terms and local installation requirements are reviewed for each project.