Photo Record of Inputs and Outputs from HORSE Microdigester (960 lbs. per week input capacity)

This equipment is proprietary and IP protected
Overall arrangement with small food waste input ‘dutch’ door, man door, and digestate receiving tank for third party use
Gravity drop into pregrinder. Pregrinder on this unit is manual crank. Motorized pregrinding is available as well.
Procedure for pregrinding from inspection table.
View of inspection table, dutch door at left, manual crank pregrinder at center.

Inspection is for manual removal of plastics, metal, glass, etc.

Flexible hose on right is for digestate make up water addition to pregrinder for adding water to low moisture food waste mixtures.

Recommended schedule is to load 2 to 3 times a week. For example 320 lbs each loading event. The system automatically operates once waste is loading into the system.
Overall view of generator, odor control, receiving station, and digester
4 kW generator – standard equipment
Charging an EV Chevy Volt
Drawing off a sample of digestate from water make up line.
Liquid digestate