



# BIGHANNA™ composter

## MECHANICAL MACERATOR & DEWATERER

Food waste from restaurants and canteens often contains a lot of water. There are macerators in combination with a dewaterer (the combination is sometimes referred to as a pulper) available that reduce the initial volume of wet food waste by approximately 50-80% before the food waste is fed in to the Big Hanna Composter. The Big Hanna Composters have been used in combination with this equipment with excellent results for many years. There are many different brands available - contact our sales staff to discuss this solution!

### INSTALLATION

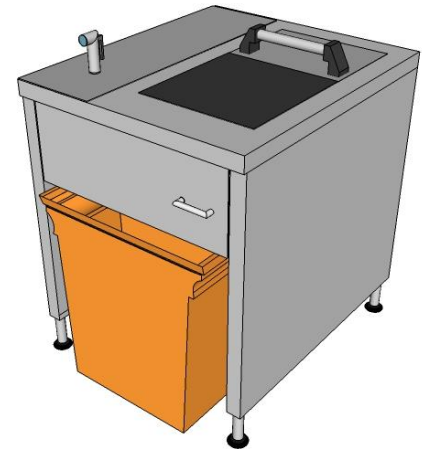
Usually, the macerator and dewatering equipment is installed in the kitchen. The macerated-dewatered food waste is then transported to the Big Hanna Composter in small buckets or in roller bins.

### CAPACITY

The macerator and dewatering equipment reduces the volume and weight of the food waste and increases the total amount of food waste that can be handled, i.e., more food waste can be recycled.

The output from the macerator and dewaterer is approx. 50% in weight (80% in volume) of the input and most of the liquid in the food waste is sent to the sewer. There is also macerating and dewatering equipment that recycles a fraction of the water stream.

The capacity when using a standalone macerator-dewaterer in combination with Big Hanna is presented in the table below.



The picture shows a close-up of macerated and dewatered food waste.

Model	Max. lbs./week
Macerator-Dewaterer +T60	880
Macerator-Dewaterer +T120	1,760
Macerator-Dewaterer +T240	4,230
Macerator-Dewaterer +T480	8,460
Macerator-Dewaterer +Neter12	12,690
Macerator-Dewaterer +Neter20	21,160
Macerator-Dewaterer +Neter28	29,630
Macerator-Dewaterer +Neter36	38,090



<p><b>200 lbs. of food waste.</b> The food waste is fed into the macerator and dewatering unit which reduces the food waste by approx. 80% in volume (50 weight-%).</p>	<p><b>100 lbs. of food waste + sawdust</b> The macerated and dewatered food waste is fed into the composter together with 10-20 weight-% of sawdust.</p>	<p><b>Big Hanna composter</b> The biological process in the Big Hanna composter reduces the food waste by up to 90%.</p>	<p><b>10 lbs. Compost + sawdust</b> The result -100 lbs. of macerated and dewatered food waste including the sawdust generates about 20-30 lbs. of compost.</p>
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