



BIGHANNA™ composter

MECHANICAL MACERATOR & DEWATERER

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

INSTALLATION

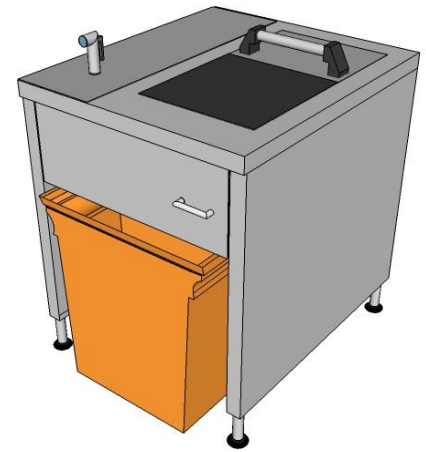
Usually the macerator / dewatering equipment is installed in the kitchen and the food waste is transported to the Big Hanna Composter in small buckets.

CAPACITY

The macerator / dewatering equipment reduces the volume and weight of the food waste and increases the capacity, i.e. more food waste can be recycled.

The output is approx 50% in weight (80% in volume) of the input and all liquid in the food waste is sent to the sewage.

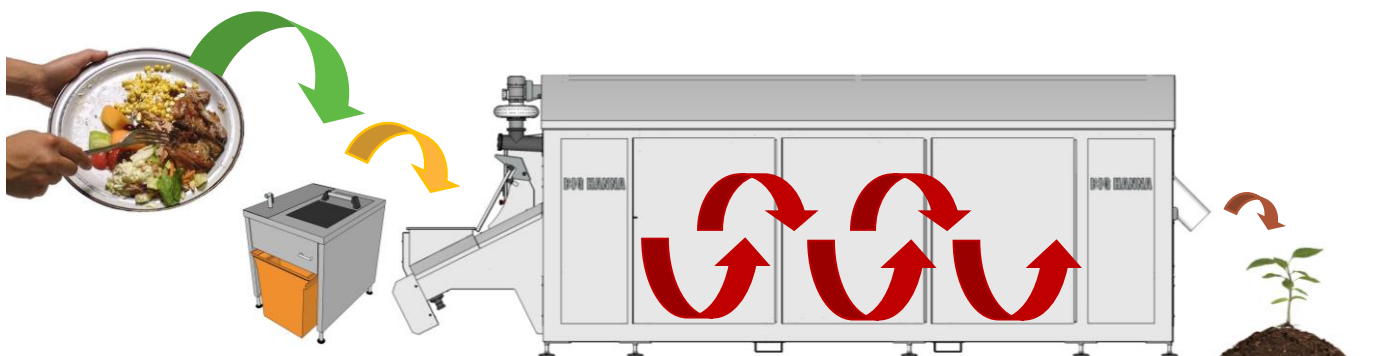
The capacity when using a stand alone macerator/dewaterer in combination with a Big Hanna is presented in the table below:



Model	Max kg/week
Macerator/dewaterer+T40	160
Macerator/dewaterer +T60	400
Macerator/dewaterer +T120	800
Macerator/dewaterer +T240	1900
Macerator/dewaterer +T480	3800
Macerator/dewaterer +Neter12	5700
Macerator/dewaterer +Neter20	9600
Macerator/dewaterer +Neter28	13400
Macerator/dewaterer +Neter36	17200



Picture is showing a close-up of macerated and dewatered food waste.



200 kg food waste

Food waste is fed into the macerator and dewatering unit which reduces the food waste by appr. 80% in volume (50 weight-%)

100 kg food waste + sawdust

The dewatered food waste is fed into the composter together with 10-20 weight-% of sawdust.

Big Hanna composter

The biological process in the Big Hanna composter reduces the food waste itself by up to 90%.

10 kg compost + sawdust

The result – peat free, environmentally friendly compost – 100 kg of dewatered food waste including the sawdust generates about 20-30 kg compost.