



# BIGHANNA<sup>™</sup> composter

## REFERENCES – PRISONS



### **BIG HANNA IS INSTALLED IN NEARLY 50 OF THE UK PRISONS**

There are 120 prisons in the UK with over 80,000 inmates. Like any big organization, the prison service has a huge volume of waste being generated every day. Each UK prison has a waste management unit where prisoners are employed to sort and recycle everything they can from the waste.



The prison service has a good record for recycling and also enjoys a reputation for being innovative in trying new technology that will enhance its environmental credentials—for example, through the sustainability



department, funding has been found to set up wind turbines for electricity generation and Bio Mass and ground source heating systems. One major waste fraction generated by prisons is food and the costs and security implications of transporting this waste of site has now been avoided by the purchase of the Big Hanna food waste composter. Since the first installation of a Big Hanna at HMP Morton Hall in 2001 a further 50 machines have been delivered and are now specified as a matter of course. In general the food waste that UK prisons generate has a tendency to be very wet so most prisons are using Big Hanna composter in combination with a



mechanical dewatering system that will get the moisture content to levels that allow a more effective composting process. The compost that is being produced is being used to grow plants and vegetables within the prisons with very good results. The success of the food waste composting using Big Hanna is leading to further installations not only in the prison estate but also in other governmental institutions throughout the UK.



### **NOBLE CORRECTIONAL INSTITUTION – CALDWELL, OHIO, USA**

Two Big Hanna composters model T240 are installed at NCI as part of a food reduction and composting program. The machines are used together with a Somat Pulper.



### **KVM (KRIMINALVÅRDS-MYNDIGHETEN), SWEDEN**

Big Hanna composter is installed at the prisons Skogome, Rödjan and Högsbo, in Sweden.



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### OHIO DEPARTMENT OF REHABILITATION AND CORRECTION

ODRC first installed two Big Hanna composters at Noble Correctional Institution in 2012. Just after installation at Noble, ODRC experienced the benefits of taking care of the food waste on-site instead of sending it to landfill.



Not only did they like the easy operation and the fact that the units could be installed indoors, but they also appreciated the cost savings from reduced waste hauls to the landfill and fewer trips through the security gates. In addition, ODRC recognized the offenders' commitment to composting and willingness to learn about Big Hanna and gardening.



In 2015 further 8 units of Big Hanna composters were installed in Ohio, USA. Six of these units are Big Hanna model T480.

At some of the installation sites they as Nobel CI use a mechanical macerator and dewater prior to putting the food waste into the Big Hanna.



The Big Hanna model T480 are installed at:  
Belmont CI  
London CI  
Richland CI  
Ross CI  
Mansfield CI  
Pickaway CI

The Big Hanna model T60 are installed at:  
Circleville CI  
Indian River CI