

MARSHALL UNIVERSITY, WEST VIRGINIA

GRAND OPENING & OPEN HOUSE



Marshall University President Brad Smith, Amy Parsons-White, dignitaries and Miss West Virginia cut the ribbon on their new in-vessel composting facility on April 14, 2023. This modern compost facility is composting cafeteria waste and horse manure (from an equine rescue center) and is producing premium compost. As an added value, some of the compost will be fed onto the worm beds and nutrient-rich worm castings are the impressive result.

The in-vessel rotating drum composter - **The BioReactor** - is manufactured by **XACT Systems**. This Model 740 BioReactor and Mixer produces rich, earthy compost. The slowly rotating drum decomposes the food waste quickly. Interior temperatures reach an average of 150°F degrees.



The cafeteria waste consists of all organics (food, paper) and is collected in tubs. These tubs are brought to the compost facility and, with the use of an automatic lifting device, are dumped into the mixer. The mixer (below left) holds 12 cubic yards of waste. Pictured (bottom right) is the 40' long worm bed.



Marshall University will be conducting a comprehensive In-Vessel Composting Workshops. **Congratulations to all who made this happen!**

