



WX-6

ADVANCED DATA SHEET

DETAILS

Model Name

WX-6

Model Title

Large Wood Waste Burner

Category

Burners

Type

Air Curtain Burners

Brand

Merris

Description

The Merris WX-6 Wood Waste Burner, a cutting-edge solution to wood waste disposal, engineered with sustainability and efficiency at its core. At the heart of the WX-6 lies a robust 18' x 5' x 6' refractory-walled FireBox, meticulously designed to withstand extreme temperatures and ensure the highest levels of combustion performance. Equipped with advanced air curtain technology, the WX-6 generates a powerful, high-velocity airflow over the burn chamber. This innovative feature effectively traps particulates and smoke, allowing for thorough combustion while significantly minimizing emissions and environmental impact. The system expertly reburns particles until they are completely combusted into hot gases, ensuring exceptionally clean burning of wood waste. Beyond its impressive environmental credentials, the Merris WX-6 is highly portable and remarkably easy to deploy. This makes it the perfect choice for a wide range of applications, from forestry and land management to construction sites and remote locations, where efficient and eco-friendly disposal of wood waste is required. One of the most exciting benefits of the WX-6 is its ability to produce valuable biochar, a byproduct that further enhances its eco-friendly appeal by offering a sustainable solution to waste disposal needs. With the capacity to burn up to 6 tons per hour, the Merris WX-6 Wood Waste Burner represents a significant leap forward in waste management technology, delivering performance, sustainability, and convenience in one powerful package.

PROCESSED MATERIALS

- Green Waste
- Pallets
- Palm Trees
- Tree Roots
- Wood

RECOMMENDED USE

Best For	Forestry and land management projects where large volumes of wood waste need efficient and environmentally friendly disposal.
Good For	Construction and demolition sites with significant wood waste generation seeking a convenient on-site disposal solution.
Not Built For	Incinerating non-wood materials or hazardous waste, as air curtain burners are specifically designed for clean burning of wood and organic waste.
Best Loader	Excavator

KEY SPECIFICATIONS

Weight	35,000 lbs
Max ton per hour	6 tph
Firebox Dimension	18' x 5" x 6'
Working Size (L x W x H)	26'x 7' x 7'10"

OTHER SPECIFICATIONS

Engine Type	Deutz diesel
Engine Power	65 hp
Transport Size (L x W x H)	26'x 7' x 7'10"

FEATURES

- High-tech refractory walled FireBoxes
- Portable and easy to deploy
- Clean burning with minimal emissions
- Production of valuable biochar
- Air curtain technology for containment
- Biochar production after screening
- Efficient disposal of large wood waste volumes
- Suitable for forestry and land management
- Versatile use in remote or inaccessible locations
- Ideal for construction and demolition sites
- Cost-effective and environmentally friendly solution