



WX-6

ADVANCED DATA SHEET

DETAILS

Model Name

WX-6

Model Title

Large Wood Waste Burner

Category

Burners

Type

Air Curtain

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. Similar to the X5, ideal for large-scale wood waste disposal and biochar production, with enhanced capacity and features for larger projects.

Good For

Construction and demolition sites with significant wood waste generation seeking a convenient on-site disposal solution. More intensive applications like land clearing operations.

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. Applications that don't require high-capacity wood waste disposal.

Best Loader

Large/medium excavator with grapple/thumb

KEY SPECIFICATIONS

Weight 35,000 lbs

Ton per hour 6 tph

Firebox Dimension 18' x 5" x 6'

OTHER SPECIFICATIONS

Transport Size (L x W x H) 26'x 7' x 7'10"

Engine Power 65 hp

Engine Type Deutz diesel

Working 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