



# WX-5

## ADVANCED DATA SHEET

**DETAILS**

**Model Name**

WX-5

**Model Title**

Medium Wood Waste Burner

**Category**

Burners

**Type**

Air Curtain Burners

**Brand**

Merris

**Description**

The Merris WX-5 Wood Waste Burner, an innovative approach to managing wood waste, is designed with sustainability and efficiency at its forefront. Central to the WX-5 is its durable 13' x 4'7" x 6' refractory-walled FireBox, crafted to endure extreme temperatures while delivering high combustion efficiency. Featuring advanced air curtain technology, the WX-5 produces a strong, high-velocity airflow across the burn chamber. This unique technology captures particulates and smoke, enabling complete combustion and drastically reducing emissions for a lower environmental footprint. The system efficiently reburns particles, achieving exceptionally clean combustion of wood waste. Not only does the Merris WX-5 boast remarkable environmental benefits, but it's also highly portable and easy to set up. It's ideally suited for various settings, including forestry, land management, construction sites, and remote areas, where effective and environmentally responsible wood waste disposal is necessary. A standout feature of the WX-5 is its capability to generate valuable biochar, offering a sustainable waste disposal solution that aligns with its eco-friendly advantages. With the ability to process up to 2 tons per hour, the Merris WX-5 Wood Waste Burner marks a significant advancement in waste management technology, combining efficiency, sustainability, and convenience in a compact package.

**PROCESSED MATERIALS**

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

**RECOMMENDED USE**

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

**KEY SPECIFICATIONS**

<b>Weight</b>	22,500 lbs
<b>Max ton per hour</b>	2 tph
<b>Firebox Dimension</b>	13' x 4'7" x 6'
<b>Working Size (L x W x H)</b>	17'6"x 6' x 7'9"

**OTHER SPECIFICATIONS**

<b>Engine Type</b>	Lombardini diesel
<b>Engine Power</b>	35 hp
<b>Transport Size (L x W x H)</b>	17'6"x 6' x 7'9"

## FEATURES

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