





WX-10

ADVANCED DATA SHEET



DETAILS	
Model Name	WX-10
Model Title	Large WX-10 Wood Waste Incinerator
Category	Incinerators
Туре	Air Curtain
Brand	Merris
Description	The Merris WX-10 Wood Waste Incinerator is an advanced and highly efficient solution for large-scale wood waste disposal, designed to emphasize sustainability and superior performance. Building on the success of the WX-8 model, the WX-10 features a large 26' Firebox in length. In addition to its outstanding waste processing capabilities, the WX-10 produces biochar as a valuable byproduct. This ecofriendly feature not only contributes to reducing environmental impact but also offers a sustainable resource that can be repurposed in agriculture or carbon sequestration efforts.

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 X8, 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 excavator with grapple/thumb

KEY SPECIFICATIONS	
Firebox Dimension	26'4" X 8'7" X 8'6"
Ton per hour	6 - 9 tph



OTHER SPECIFICATIONS	
Engine Type	Yanmar or Kohler
Engine Power	74 hp
Working Size (L x W x H)	33'4" X 10'4" X 9'6"
Feed Height	9'6"

FEATURES

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



ADD-ONS	DESCRIPTION
Clutch options	Mechanical clutch with/ HydraUlic Clutch WTP

FAQ	
What is the Merris WX-8 air curtain burner?	The Merris WX-8 air curtain burner, also known as an air curtain incinerator, is a machine that cleanly burns wood and vegetative waste by blowing a curtain of air over the fire to reduce smoke and emissions.
Where's the Merris WX-8 air curtain burners commonly used?	The Merris WX-8 is ideal for municipalities, landfills, parks, forestry operations, and land clearing projects.
Is the Merris WX-8 air curtain burners carbon neutral?	Yes, with the Merris WX-8, burning clean vegetative waste, the process is considered carbon neutral under EPA guidelines.
What permits are needed to operate the Merris WX-8?	There are two types required to operate the Merris WX-8; Temporary Use: Local permits for short-term projects like land clearing or fire prevention. Stationary Use: May require a Title V permit from your state's air quality office for long-term use.
What kinds of waste can the Merris WX-8 burn?	The Merris WX-8 is designed for clean vegetative waste, such as branches, logs, and brush, not mixed or hazardous materials.
How does the Merris WX-8 help fight climate change?	The Merris WX-8, drastically reduces black carbon emissions—one of the top contributors to climate change—air curtain burners offer a fast and effective climate solution.
Why use the Merris WX-8 air curtain burner instead of open burning or grinding?	The Merris WX-8 air curtain burner is environmentally friendly and emits far less black carbon and CO ₂ compared to open burning or grinding, which are highly polluting.