

# Disc Wood Crusher

High-capacity wood crushing solution for biomass & recycling industry

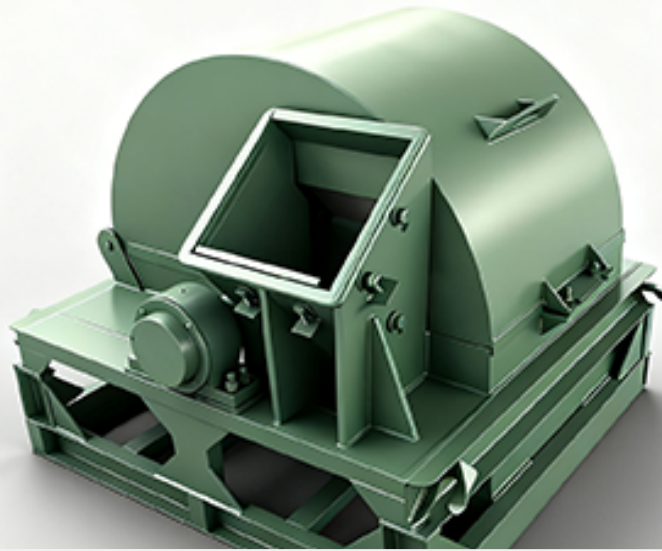


🌳 1-12 t/h

💎 Wear-resistant

🌿 CE Certified

🌲 Manto Machinery · Professional Wood Crushing Solutions



Stationary Disc Wood Crusher · International Quality

## Intelligent Wood Crushing Solution

Manto Machinery **Disc Wood Crusher Series** is designed for biomass energy, wood processing, landscaping and other fields. High-strength disc and wear-resistant hammer structure, uniform output size, capacity increased by 15%-20%. The machine has CE certification and is sold in more than 50 countries worldwide.

**Core advantages:** low energy consumption, high torque, easy maintenance, quick screen change, optional conveyor in/out feed / mobile chassis to meet continuous industrial production and mobile operation needs.



### High Output & Energy Saving

1-12 t/h capacity



### Sturdy & Durable

Low maintenance cost



### Wear-Resistant Blades

Life extended by 40%



### Easy Maintenance

Quick opening & screen change

## Key Applications

Biomass Power

Wood Pellets

Particleboard

Landscaping Mulch

Mushroom Cultivation

## Global Export Business

Professional Custom

Design Full Plant Solution

Reliable After-sales Service

## 🌲 Applicable Raw Materials



🌲 Trunks/Branches



🌱 Bamboo



🌾 Straw/Cotton Stalk

📦 Wooden Pallets

🗑️ Garden waste

Crushable diameter ≤ 500mm.

## 📦 Output & Applications



🔹 Wood chips 1~20mm



🔹 Biomass pellet raw material



🔹 Mushroom substrate

🔹 Artificial board / Fiberboard

🔹 Mulch / Bedding

Output fineness adjustable (interchangeable screen), suitable for biomass power generation, organic mulch, papermaking, etc.

## 📈 Typical Output Effect

- 1-3 mm fine wood chips
- 2-5 mm medium-fine wood chips
- 5-8 mm coarse wood chips

## 🌿 Eco Benefits

1 ton wood chips = 0.8 ton coal saved  
CO<sub>2</sub> reduction up to 60% compared to landfill



Mobile Disc Wood Crusher · Efficient & Stable Operation

## Technical Specifications

| Model | Inlet Size (mm) | Max. Feed Size (mm) | Power (kW) | Output Size (mm) | Capacity (t/h) |
|-------|-----------------|---------------------|------------|------------------|----------------|
| 420   | 150×160         | 120                 | 7.5        | 1-20             | 0.8-1          |
| 500   | 170×180         | 150                 | 18.5       | 1-20             | 1.5            |
| 600   | 190×200         | 190                 | 30         | 1-20             | 2              |
| 700   | 200×210         | 200                 | 37         | 1-10             | 2.5            |
| 900   | 280×280         | 280                 | 55         | 1-20             | 3-4            |
| 1000  | 280×280         | 280                 | 75         | 3-20             | 4-5            |
| 1200  | 380×380         | 380                 | 90         | 3-20             | 6              |
| 1500  | 440×460         | 440                 | 110        | 3-20             | 8-10           |
| 1800  | 500×500         | 500                 | 132        | 3-20             | 12             |

\* Parameters based on standard wood tests. Actual capacity varies by moisture content/type. Contact sales for details.

**Optional Upgrades:** Modified feed inlet, Mobile chassis, Dual feed inlet, Infeed/outfeed conveyor. Screen mesh aperture can be customized according to customer needs.

CE Certification

48h After-sales Response

Free Line Design

7×24h Tech Support



## Sustainable Solutions

Reliable Partner for Wood Recycling & Biomass Energy

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🌱 CE Certified · Global Service

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