

Root Crusher

High-capacity wood crushing solution for biomass & recycling industry



5-30 t/h

Wear-resistant

CE Certified



Root Crusher · International Quality

Intelligent Wood Crushing Solution

Manto Machinery **Root Crusher Series** is specifically designed for forestry waste treatment, as well as large-scale wood processing applications. Equipped with a large-diameter circular feed inlet, it is suitable for crushing tree roots and large-diameter logs. This equipment is CE-certified and is widely used in forestry waste disposal projects around the world.

Key Advantages: Large-diameter circular feed inlet for easy feeding, diesel-powered for stable performance, mobile chassis for flexible movement, and efficient crushing to meet the disposal needs of continuous forestry waste operations.



High Output & Energy Saving

5-30 t/h capacity



Sturdy & Durable

Low maintenance cost



Wear-Resistant Blades

Life extended by 40%



Easy Maintenance

Quick opening

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



🌲 Tree roots

📦 Large logs

🌿 Forestry waste

🌲 Stumps

🌿 Branch wood

Feed diameter ≤ 2200mm.

🔧 Output & Applications



◆ Wood chips 30-50mm

◆ Biomass fuel raw material

◆ Mulch / Bedding

◆ Artificial board / Fiberboard

suitable for biomass power generation, organic mulch, papermaking, etc.

📈 Typical Output Effect

30–50 mm wood chips for biomass fuel
Large-sized chips for industrial boiler fuel

🌿 Eco Benefits

1 ton wood chips = 0.8 ton coal saved
CO₂ reduction up to 60% compared to landfill



Root Crusher · Efficient & Stable Operation

Technical Specifications

| Model | Inlet Size (m) | Effective Processing Size (m) | Output Size (mm) | Production Capacity (t/h) | Main Engine Power |
|-------|----------------|-------------------------------|------------------|---------------------------|-------------------|
| 2600 | 2.6 | 1.6 | 30-50 | 5-10 | 320 HP |
| 3200 | 3.2 | 2.2 | 30-50 | 10-20 | 340 HP |
| 3600 | 3.6 | 2.2 | 30-50 | 20-30 | 460 HP |

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

Optional Upgrades: Electric or diesel engine power, Wheeled or tracked mobile chassis, Crushing shaft can be configured with blade type or hammer type to adapt to different raw materials.

Root Crusher Highlights

Large-diameter circular inlet

Diesel engine

Mobile chassis

Heavy-duty rotor

Typical Processing Materials

Tree roots

Large diameter logs

Forestry waste

Stumps

Branch wood

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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