


Multi-functional Wood Crusher

High-capacity wood crushing solution for biomass & recycling industry



 0.5-5 t/h

 Wear-resistant

 CE Certified



Multi-functional Wood Crusher · International Quality

Intelligent Wood Crushing Solution

Manto Machinery **Multi-functional Wood Hammer Mill** is engineered for versatile biomass processing, handling logs, branches, and wood scraps with ease. Featuring heavy-duty hammer blades and a reinforced crushing chamber, it delivers consistent particle size while boosting efficiency by 15–20%. Certified for global markets, it is widely used in charcoal production, biomass fuel, and recycling industries worldwide.

Core advantages: multi-material adaptability, high crushing ratio, low noise operation, quick-access internal components, and optional conveyor feeding/mobile base to support both fixed-line production and on-site mobile work.



High Output & Energy Saving

0.5-5 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



🌲 Wood chips



🥥 Coconut shell



🍂 Garden waste

🎋 Bamboo

🌾 Straw/Cotton Stalk

Suitable for wood scraps, bark, and other small raw materials.

🔧 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
CO₂ reduction up to 60% compared to landfill



Mobile Multi-functional Wood Crusher · Efficient & Stable Operation

Technical Specifications

Model	Host Power	Blade Type	Number of Blades	Output Size	Capacity
500	22kw	Hammerblade	30 pcs	1-20mm	0.5-1.5 t/h
600	37kw	Hammerblade	40 pcs	1-20mm	1.5-2 t/h
800	45kw	Hammerblade	60 pcs	1-20mm	2.2-5 t/h
1000	75kw	Hammerblade	70 pcs	1-10mm	2.5-3 t/h
1300	55kw*2	Hammerblade	100 pcs	1-20mm	3.5-4 t/h
1500	55kw*2	Hammerblade	100 pcs	1-20mm	4-5 t/h

* 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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