



Model 1500 Wood Sawdust Crusher Machine

10-12 T/H CAPACITY | HEAVY-DUTY TOWABLE DISC CRUSHER

APPLICATIONS

- Large scale sawdust plant
- Large biomass power plant
- Industrial paper mill
- Central wood waste center
- Wood pellet production

KEY FEATURES

- 110-160kW diesel engine
- 1160mm large disc cutting 1160mm
- 10-12T/H ultra high capacity
- Towable wheeled chassis
- 8pcs double-arc alloy blades



TECHNICAL SPECIFICATIONS

Parameter	Metric	Imperial
GENERAL		
Capacity	10-12 T/H	11-13.2 ST/H
Max Processing Diameter	400 mm	15.7 inches
Feed Inlet Size	450×430 mm	17.7×16.9 inches
Overall Dimensions (L×W×H)	3500×2000×2500 mm	137.8×78.7×98.4 inches
Operating Weight	2800 kg	6173 lbs
Output Size	3-8 mm sawdust / 20-50 mm wood chips	0.12-0.31 in sawdust / 0.8-2.0 in wood chips
POWER UNIT		
Power Type	Diesel engine (standard), electric motor (optional)	
Rated Power	110–160 kW	150–215 HP
Rated Voltage	380V 50Hz Three-phase (electric version)	
Start Method	Electric start (diesel) / Soft start (electric)	
Drive System	Heavy-duty belt drive	
CHIPPING SYSTEM		
Cutter Disc Diameter	1160 mm	45.7 inches
Main Shaft Speed	1200 RPM	



TECHNICAL SPECIFICATIONS

Parameter	Metric	Imperial
Blade Configuration	8pcs double-arc high-strength alloy steel blades	
Cutter Disc Material	Heavy-duty cast steel	
Finished Form	Adjustable sawdust & wood chips	
FEED SYSTEM		
Feed Method	Inclined top manual feeding	
Hopper Design	Large inclined square feed hopper	
Optional Configuration	Belt conveyor forced feeding	
DISCHARGE SYSTEM		
Discharge Method	Fan-assisted pneumatic discharge	
Discharge Height	3000 mm	118.1 inches
Optional Configuration	Automatic screening system	
UNDERCARRIAGE		
Installation Type	Towable mobile /fixed optional	
Frame Material	Thick steel plate welded frame	
Tire Specification	2pcs heavy-duty pneumatic trailer tires	
Support Legs	Foldable support legs	



TECHNICAL SPECIFICATIONS

SAFETY FEATURES

- Multiple emergency stop buttons
- Power overload/overheat protection
- Full enclosed crushing chamber
- Heavy-duty belt guard
- Vibration damping device

END PRODUCT & APPLICATIONS



Product Showcase



Typical Applications