



# Model 500 Blade Type Sawdust Crusher

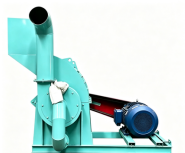
**0.8-1.2 T/H CAPACITY | INDUSTRIAL BLADE SAWDUST CRUSHER**

## APPLICATIONS

- Sawdust production
- Wood waste recycling
- Mushroom substrate processing
- Biomass fuel preparation
- Straw & coconut shell crushing

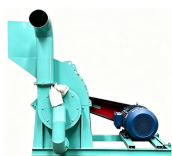
## KEY FEATURES

- 22kW industrial three-phase motor
- Blade cutting, adjustable particle size
- Pneumatic discharge with dust collection
- 0.8-1.2T/H stable capacity
- Heavy-duty fixed frame



# TECHNICAL SPECIFICATIONS

| Parameter                  | Metric                          | Imperial              |
|----------------------------|---------------------------------|-----------------------|
| GENERAL                    |                                 |                       |
| Capacity                   | 0.8-1.2 T/H                     | 0.88-1.3 ST/H         |
| Max Processing Diameter    | 120 mm                          | 4.72 inches           |
| Feed Inlet Width           | 490 mm                          | 19.3 inches           |
| Overall Dimensions (L×W×H) | 2170×1440×1850 mm               | 85.4×56.7×72.8 inches |
| Operating Weight           | 900 kg                          | 1984 lbs              |
| Output Size                | 2-30 mm adjustable              | 0.08-1.2 inches       |
| POWER UNIT                 |                                 |                       |
| Motor Type                 | Three-phase AC industrial motor |                       |
| Rated Power                | 22 kW                           | 29.5 HP               |
| Rated Voltage              | 380V 50Hz Three-phase           |                       |
| Start Method               | Direct start                    |                       |
| Drive System               | Belt drive                      |                       |
| CHIPPING SYSTEM            |                                 |                       |
| Rotor Speed                | 1440 RPM                        |                       |
| Blade Configuration        | 6pcs alloy steel blades         |                       |



# TECHNICAL SPECIFICATIONS

| Parameter             | Metric                                        | Imperial    |
|-----------------------|-----------------------------------------------|-------------|
| Crushing Principle    | Blade cutting fine grinding                   |             |
| Moisture Adaptability | ≤40%                                          |             |
| FEED SYSTEM           |                                               |             |
| Feed Method           | Manual inclined top feeding                   |             |
| Hopper Design         | Wide inclined top hopper                      |             |
| DISCHARGE SYSTEM      |                                               |             |
| Discharge Method      | Pneumatic pipe discharge with dust collection |             |
| Discharge Height      | 1850 mm                                       | 72.8 inches |
| UNDERCARRIAGE         |                                               |             |
| Installation Type     | Stationary fixed installation                 |             |
| Frame Material        | Heavy-duty steel welded frame                 |             |
| Anchor Feet           | 4pcs anchor bolt holes                        |             |

## SAFETY FEATURES

- Emergency stop button
- Motor overload protection
- Full crushing chamber guard
- Belt drive protective cover
- Dust sealed bearing

# END PRODUCT & APPLICATIONS



Product Showcase



Typical Applications