**Hopper shredder integrating machine**

The main application and characteristics of the equipment

Hopper shredder are the indispensable equipments for organic fertilizer production line, which mainly crushes large-size solid raw materials to the required size, and is suitable for crushing organic fertilizer after fermentation and screening.

According to the user's production scale needs, Renyuan Bio Tecg produce the Hopper shredder integrating machine with a reasonable combination of compact, easy to convert, in and out of the site quickly and easily for the user to reduce investment, to avoid the civil engineering foundation to the user to increase investment and trouble, mobile design, can be directly into the raw material site for work, reduce the transport of raw materials, thus saving the cost of transporting raw materials.

Integrated unit configuration of the diesel engine in addition to drive walking, but also can be targeted to the process system configuration unit joint power supply.

**The main technical parameter**

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| Outer size (m) | | length, width and height  11.5 \* 1.8 \* 2.5 | Productivity(ton/hour) | 30-40 |
| Driving power  2 Options | | electric motor | 30KW motor | |
| diesel engine | 4102 diesel engine (42K, 57 hp), air filter | |
| large frame  &  Sump | large frame  &  Sump | dual-structure 12 # 10 # 8 # 6 # channel steel | | |
| 4 eighty percent of the new 650 model tyres | | |
| hauling adopts special fittings, can be 90 degrees Turning | | |
| Crushing  Bin  part | Size | 650mm\*650mm | | |
| Box body | 12mm | | |
| spindle | diameter 90mm, modulated heat treatment | | |
| moving disc | 12mm thick, manganese steel wear-resistant plate | | |
| hammer head/blade | 5kg/block, a set of 20 pieces; 60 pieces of blade | | |
| hammer shaft | diameter 30mm, 4 rows of shafts，45# steel. | | |
| Bearing | Model Labyrinth Seal | | |

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| In/Out  material | Feeding | hopper size | 3.4m \* 1.5m |
| down calibre | width 60cm, height 40cm |
| Roller | Pattern roller |
| shaft diameter, | 45mm |
| bearing | 308 |
| Belt | 7-ply nylon belt, length 7m, width 70cm |
| Gear variable speed feeding | 4-type 4-speed variable speed feeding |
| Transmission | front drive 12A + rear drive 12A chain |
| Out feeding | Flower Roller | Unique design to prevent belt deflection |
| Shaft Diameter | 45mm |
| Transmission | 16A Chain + Triangle Belt Transmission |
| Bearing | 308 |
| Belt | 7-ply Nylon Belt,Length 13.7 metres,Width 70cm |
| Discharge Height | 3.5 metres. |

