**RY-YFD5000 Hydraulic Crawler Turner**

**The main application & characteristics of the equipment**

RY-YFD5000 semi-hydraulic caterpillar turner is a semi-hydraulic caterpillar turner which is designed by company on the basis of the advantages of the mature models of similar products in many developed countries and combined with the national industrial conditions of China, which has the features of compact design, simple operation and saving of working site. The machine adopts the design of lifting and lowering the frame separately, which can lift and lower the frame height to make the operation more convenient when the working place is changed or the turning height needs to be changed.

**Main technical parameters: (external dimensions 4200x6300x4000)**

|  |  |  |  |
| --- | --- | --- | --- |
| The composting turner model | RY-YFD5000 | Rated power (kw) | 247 |
| Turning windrow  width (mm) | 5000 | Maximum torque (N-m)  1338 | 1338 |
| Turning height (m) | 2.1 | Minimum fuel rate (g/kw-h) | ≤310 |
| Track width (m) | 2x0.35 | Diameter of working knife (mm) | 1120 |
| Pile spacing (m) | 0.6 | Maximum processing capacity  (m3/h) | 2205 |
| Maximum material particle (mm) | Φ250 | Number of cylinders | 6 |
| Turning radius (mm) | 3150 | Cylinder volume (L) | 8.3 |
| Forward speed (m/min) | 0-10 | Battery (V) | 12V/150A\*2 |
| Backward speed (m/min) | 0-10 | Fuel tank volume (L) | 200 |
| Handling capacity calculation | 7m/min (speed) x 60min (time) x 5m (width) x 2.1m (height) ÷ 2 = 2205 M3 /hour | | |
| Engine brand | Wei Chai | | |

