**RY-LFD 3000 Crawler Composting Turner**

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

RY-LFD3000 crawler composting turning machine is designed by Renyuan Biotecch after years of experience in organic fertilizer production, combined with the suggestions of old and new users, the hydraulic lifting crawler type turning machine has the features of compact design, simple operation, saving working site, etc. The machine adopts the patented design of hydraulic lifting of winch shaft. The machine adopts the patented design of hydraulic lifting of the winch shaft, which can lift and adjust the height between the winch and the site to make the operation more convenient when the working site is moved or the turning height needs to be changed.

**Main technical parameters:** (external dimensions 2800x4170x3250)

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| Turning windrow  width (mm) | 3000 | Rated power (kw) | 113 |
| Turning height (m) | 1.3 | Maximum processing capacity  (m3/h) | 819 |
| Track width (m) | 2x0.32 | Working speed(m/min) | 5-7 |
| Pile spacing (m) | 0.6 | Turning radius (mm) | 4250 |
| Maximum material particle (mm) | Φ250 |  |  |
| Handling capacity calculation | 7m/min (speed) x 60min (time) x3m (width) x 1.3 m (height) ÷ 2 = 819 M3 /hour | | |
| Engine brand | Wei chai 6105ZY | | |

