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### BIOMECHANICAL AEROBIC COMPOSTING

#### Ideal Setup

| PARTICULARS                      | QUANTITY |
|----------------------------------|----------|
| ORGANIC WASTE COMPOSTING MACHINE | 1        |
| DOUBLE CURING SYSTEM (200-250KG) | 1        |
| COCONUT SHREDDER                 | 1        |

#### 1. OWC SYSTEM

| PARTICULARS           | SPECIFICATION  |
|-----------------------|----------------|
| POWER CONNECTION (HP) | 3.5HP          |
| BRIM CAPACITY         | 60 - 65 LITRES |
| BATCH CAPACITY        | 25 - 30KG      |
| BATCH DURATION        | 10 - 15MINS    |
| MOC (INTERNAL)        | SS-304         |
| MOC (EXTERNAL)        | SS-304         |





## 2. DOUBLE CURING SYSTEM

| PARTICULARS  | SPECIFICATION   |
|--|---|
| CAPACITY   | 200 - 250KG   |
| HDPE CRATE SIZE                                      | 54×36×29CM (± 5CM. MUST FIT IN THE RACK)  |
| HDPE CRATE PARTICULARS                               | LAMINATED WITH AERATING NET   |
| NO. OF HDPE CRATES                                   | 100 NOS.  |
| STORAGE RACK SIZE                                    | 365×120×255CM (± 5CM)   |
| SHELVES IN STORAGE RACK                              | 5<br>(MUST FIT TOTAL 20 CRATES IN EACH SHELF, 10 ON EACH SIDE)  |
| STORAGE RACK   | 1   |
| LEACHATE COLLECTION TRAY                             | 4   |
| LEACH ATE COLLECTION TRAY SIZE                       | 150×55×7CM (± 5CM. MUST FIT THE RACK)   |
| DOUBLE FOGGER,<br>MOISTURE CONTROL FOGGING<br>SYSTEM | <ul style="list-style-type: none"> <li>• MINIMUM 70 FOGGERS,</li> <li>• DISC FILTER,</li> <li>• BALL VALVE,</li> <li>• 1 PUMP,</li> <li>• TIME CONTROL UNIT FOR SPRAY AND FREQUENCY CONTROL,</li> <li>• 1 PRESSURE GAUGE,</li> <li>• NECESSARY PIPING, VALVES AND OTHER ACCESSORIES.</li> </ul> |



### 3. COCONUT SHREDDER

|    | DESCRIPTION     | SPECIFICATION                |
|----|-----------------|------------------------------|
| 1  | TOTAL LOAD      | 15HP                         |
| 2  | MOTOR CAPACITY  | 15HP                         |
| 3  | ELECTRICAL TYPE | 3PH                          |
| 4  | MOTOR           | HINDUSTAN MAKE OR EQUIVALENT |
| 5  | CONTROL PANEL   | YES                          |
| 6  | BODY            | SS 305                       |
| 7  | BLADE MATERIAL  | SPECIAL STEEL                |
| 8  | CAPACITY        | 300KGS/HOUR                  |
| 9  | WASTE TYPE      | TENDER COCONUT WASTE         |
| 10 | APP DIMENSIONS  | 1.55M × 1.85M × 1.4M         |
| 11 | OUTPUT SIZE     | 8 TO 10MM                    |

- All the Specification Sheets must be presented with the Proposal.
- All the standard safety features must be included.

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