

نَاغُفِرُ لَكَ سَمِيحٌ نَاغُفِرُ لَكَ سَمِيحٌ  
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وَسَمِعْتُ رَجُلًا يَقُولُ مَا يَكُونُ لِي إِذَا جِئْتُ مِنْ مَدِينَةٍ فَأَتَمَّنْتُ فِيهَا فَأَقْبَلَ بِي عَصَا فِي يَدِهِ يُقَالُ إِنَّهُ لَمِنَ الْمُنَافِقِينَ قُلْ إِنَّمَا أَعِظُكُمْ عَلَى أَنْفُسِكُمْ أَنْ تَحْسِبُوا أَنَّكُمْ كَالْخَالِدِينَ قُلْ إِنَّمَا أَعِظُكُمْ عَلَى أَنْفُسِكُمْ أَنْ تَحْسِبُوا أَنَّكُمْ كَالْخَالِدِينَ قُلْ إِنَّمَا أَعِظُكُمْ عَلَى أَنْفُسِكُمْ أَنْ تَحْسِبُوا أَنَّكُمْ كَالْخَالِدِينَ

دَسَوْرَدُو مَرُو بَدُو

[illegible]

دَسَاسِ مَقَامِ رَوَاقِو رَمَزِو جِ سِرِّو

- [illegible]



[illegible][illegible][illegible][illegible]

1.13. قۇيى كۆچمەسلىرى ۋە سىرتقى ۋە ئىچكى ۋەقەلىرى 1 ئارىسىدا ئىككى ئىسپات سىز 2 ئارىسىدا ۋەقەلىرىنى تىزىۋېتىش. ئارىسىدا ۋەقەلىرىنى ۋە سىرتقى ۋە ئىچكى ۋەقەلىرىنى 1 ئارىسىدا ۋەقەلىرىنى تىزىۋېتىش.

[illegible]

14.  $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} \frac{d^2 x}{dt^2} \right)$



## 1.1

### 1.1.1. Wood Chipper

| Wood Chipper                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preferred Origins of Brand   | Japanese, American, European or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Year Of Manufacture          | 2025 Or later                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Condition                    | New                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fuel                         | Gasoline/Petrol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Capacity/Throughput          | <p>In-feed diameter Capacity: 400-500 mm</p> <p>Throughput: 5-10 m<sup>3</sup>/hour of mixed material (leaf litter + branches + trunks) under normal working load.</p> <p>Hopper / Feed Opening Size: large opening (width &amp; height) to allow safe feeding of bigger chunks (80-100 cm width, height 60-80 cm)</p> <p>Feed rate: 30-35 meter/minute, adjustable down to 3 meter/minute for smaller loads</p>                                                                                                                                                                                   |
| Power                        | <p>Engine Power: approximately 100 -150 HP (70-110 kW) diesel (or gas) to ensure enough torque for large wood.</p> <p>Capacity: must support 5-8 hours operation under heavily load</p>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cutting / Chipping Mechanism | <p>Rotor / Drum / Disc Diameter: large rotor (800-1000 mm) or similarly sized drum to reduce stress.</p> <p>Number of Blades / Knives: 5-10 heavy-duty knives</p> <p>Blade Material: hardened steel, with easy access for sharpening, cleaning or replacement; corrosion resistant</p> <p>Adjustable Screen / Grate Sizes: multiple grate options, e.g. 10 mm, 20 mm, 40 mm, even larger for coarse mulch</p> <p>Output Chip Size Range: ability to produce fine mulch (for leaf litter) and coarser chips (for trunks) depending on screen / grate</p> <p>Chipping Capacity: 12-inch diameter</p> |
| Discharge System             | 360° rotating discharge chute                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Chassis, Frame & Build       | <p>Heavy gauge steel frame with reinforced welds, corrosion resistant</p> <p>Wear strips / plates in high wear zones (infeed, rotor housing, chute)</p> <p>Large durable bearings, sealed, easy lubrication points</p> <p>Rotor balanced for smooth operation under load, minimal vibration.</p> <p>Robust safety guards, shields, etc.</p>                                                                                                                                                                                                                                                        |
| Mobility                     | <p>Stationary mount option for fixed site and added safety during heavy loads</p> <p>Towable: DOT-compliant towable chassis with safety lighting; heavy-duty axles &amp; tires rated for the equipment's weight</p>                                                                                                                                                                                                                                                                                                                                                                                |
| Safety                       | <p>Emergency stop(s) and lockout mechanisms</p> <p>Anti-kickback features (especially on large logs)</p> <p>Guards over all moving belts, pulleys, shafts</p> <p>Spark arrestor, fire suppression, particularly if working with dry materials</p> <p>Clear signage and warnings</p>                                                                                                                                                                                                                                                                                                                |
| Control & Operation          | Integrated Control panel: start/stop, reverse, throttle control, feed roller speed, blade system engage/disengage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Maintenance                  | <p>Tool-free access to blades and engine compartments</p> <p>Accessible maintenance points: for easy blade change, screen removal, rotor inspection</p> <p>Rust Protection</p> <p>Low maintenance design: preferably with standardized parts, easy to source blades, screens, bearings.</p>                                                                                                                                                                                                                                                                                                        |
| Warranty & Support           | At least 1 year warranty; ideally 2 years on critical components (engine, rotor, blades)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

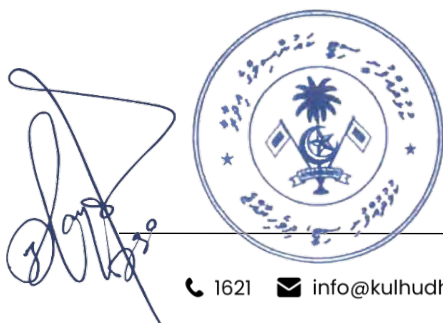


| Included Components |                                     |
|---------------------|-------------------------------------|
| 1                   | Wood Chipper with Integrated engine |
| 2                   | Hydraulic Feed System               |
| 3                   | Discharge Chute                     |
| 4                   | Towable trailer frame               |
| 5                   | Control panel and safety system     |

| Additional Spare/Toolkit to be delivered with the Equipment |        |                                     |
|-------------------------------------------------------------|--------|-------------------------------------|
| 1                                                           | 2 Nos  | Spare wheel for trailer             |
| 2                                                           | 4 Nos  | Service and maintenance kit         |
| 3                                                           | 3 Sets | Spare Blade and bearings kit        |
| 4                                                           | 2 Sets | Screen kit                          |
| 5                                                           | 2 Sets | Hydraulic feed wheel kit            |
| 6                                                           | 1 Set  | Spare engine and motor assembly     |
| 7                                                           | 1 Set  | Necessary tool kit                  |
| 8                                                           | 1      | Service and Parts Manual in English |
| 9                                                           | 1      | Safety Manual in English            |




## Sample

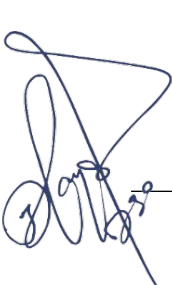




## 2. **අවශ්‍යතා**

1. **විදුලි විද්‍යාත්මක භූමි භාණ්ඩ (විදුලි විද්‍යාත්මක භාණ්ඩ) වලට අදාළව පවත්වාගැනීමේ ක්‍රියාමාර්ගය**

| Electric Sieve           |                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year Of Manufacture      | 2024 Or later                                                                                                                                        |
| Condition                | New                                                                                                                                                  |
| Power Source             | Electric                                                                                                                                             |
| Drum type                | Shaftless rotary drum                                                                                                                                |
| Drum Dimensions          | Diameter: 70-90 cm                                                                                                                                   |
|                          | Effective length: 120-150 cm                                                                                                                         |
|                          | Thickness: $\geq 8$ mm                                                                                                                               |
| Overall Frame Dimensions | 200 x 120 x 220 cm or equivalent (towable or foldable support frame with heavy-duty axles & tires rated for the weight; designed for field mobility) |
| Drum Load Capacity       | 80-100 kg per batch; up to 20 tons/hour (continuous feed model equivalent)                                                                           |
| Motor                    | Minimum 4kW main motor                                                                                                                               |
|                          | Must Include an auxiliary vibration motor                                                                                                            |
| Rotational Speed         | Adjustable; 1 to 240 RPM                                                                                                                             |
| Mesh Size                | Inter-changeable Mesh with Coarse and Fine Mesh included                                                                                             |
|                          | Towable: with                                                                                                                                        |
| Build & durability       | Stainless Steel Drum, with rust and corrosion-resistant coating                                                                                      |
|                          | Reinforced steel frame with rust and corrosion-resistant coating                                                                                     |
|                          | Easy to clean                                                                                                                                        |
|                          | Designed for continuous operation with lifespan exceeding 10,000 hours                                                                               |
| Maintenance              | Rated IP54 or higher for motor and electrical components                                                                                             |
|                          | Tool-free mesh replacement and motor inspection capability                                                                                           |
| Control System           | Low maintenance design: preferably with standardized parts                                                                                           |
|                          | Electronic control panel with start/stop, stepless speed adjustment, vibration control                                                               |
| Material Compatibility   | Compost, topsoil, sand, gravel                                                                                                                       |
| Safety                   | Emergency stop                                                                                                                                       |
|                          | Clear signage and warnings                                                                                                                           |
| Warranty & Support       | At least 1 year warranty; ideally 2 years on critical components (motor, electrical components)                                                      |




| Included Components |                                          |
|---------------------|------------------------------------------|
| 1                   | <i>Electric rotary drum sieve unit</i>   |
| 2                   | <i>Integrated vibration motor</i>        |
| 3                   | <i>Standard mesh drum</i>                |
| 4                   | <i>Foldable or towable support frame</i> |
| 5                   | <i>Electronic control panel</i>          |

| Additional Spare/Toolkit to be delivered with the Equipment |        |                                            |
|-------------------------------------------------------------|--------|--------------------------------------------|
| 1                                                           | 2 Nos  | <i>Spare Wheel</i>                         |
| 2                                                           | 1 Nos  | <i>Spare motor</i>                         |
| 3                                                           | 3 Sets | <i>Bearings kit</i>                        |
| 4                                                           | 1 Set  | <i>Necessary Tool Kit</i>                  |
| 5                                                           | 1      | <i>Service and Parts Manual in English</i> |
| 6                                                           | 1 set  | <i>Spare Mesh Kit</i>                      |





## Sample



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