



Model 1500 All-Electric Tricycle Self-propelled Branch Crushing Collection Vehicle

1.6 T/H CAPACITY | ALL-ELECTRIC 3-WHEEL

APPLICATIONS

- Municipal street green waste
- Residential area property maintenance
- Park landscaping waste
- Campus greening maintenance
- Zero-emission urban operation

KEY FEATURES

- Pure electric drive, zero emission
- Crush + collect + dump integrated
- 3-wheel self-propelled, narrow-space agile
- Low noise, suitable for residential area
- 1.8m³ sealed collection box



TECHNICAL SPECIFICATIONS

Parameter	Metric	Imperial
GENERAL		
Capacity	1.6 T/H	1.8 ST/H
Max Crushing Diameter	150 mm	5.9 inches
Feed Inlet Size	520×465 mm	20.5×18.3 inches
Collection Box Volume	1.8 m ³	63.6 ft ³
Overall Dimensions	3600×1300×1680 mm	141.7×51.2×66.1 inches
Operating Weight	560 kg	1235 lbs
Output Size	≤10 mm	≤0.4 inches
Battery Range	25-30 km	15.5-18.6 miles
POWER UNIT		
Drive System	Dual electric motor system	
Travel Motor	2.0 kW	2.7 HP
Crushing Motor	20.9 kW	28 HP
Battery Voltage	60V DC	60V DC
Travel Speed	10-25 km/h	6.2-15.5 mph



TECHNICAL SPECIFICATIONS

Parameter	Metric	Imperial
CHIPPING SYSTEM		
Blade Configuration	4pcs high speed steel cutting blades + 16pcs hammer blades	
Blade Length	300 mm	11.8 inches
Rotor Speed	2000 RPM	2000 RPM
FEED SYSTEM		
Feed Method	Manual feed 人工进料	
Hopper Design	Wide angle feed hopper	
DISCHARGE SYSTEM		
Discharge Method	Enclosed discharge into collection box	
Dump Method	Electric hydraulic self-dumping	
UNDERCARRIAGE		
Travel Method	3-wheel self-propelled electric tricycle	
Tire Specification	Front: 400-12; Rear: 450-12	
Turning Radius	3 m	9.8 ft
Control Method	Handlebar control, with driver seat	



TECHNICAL SPECIFICATIONS

SAFETY FEATURES

- Emergency stop button
- Reverse warning alarm
- Full cutting chamber guard
- Battery overcharge/overdischarge protection
- Motor overload/overheat protection
- Low noise design, noise $\leq 75\text{dB}$

END PRODUCT & APPLICATIONS



Product Showcase



Typical Applications