

Branch Chipper (KNDMAX GC155)

Complete Specification Sheet

Category	Specification Details	
Basic Information	Model: KNDMAX GC155Type: Tow-behind Garden Branch ChipperApplication: Garden Pruning, Orchard Cleaning, Greening Projects	
Power System	Engine Type: 15HP 4-Stroke Gasoline EngineStarting Method: Recoil Pull StartFuel Type: Unleaded GasolineFuel Tank Capacity: Approx. 6.5LOil Capacity: Approx. 1.1LNo External Power Supply Required	
Chipping Performance	Maximum Branch Diameter: 120mm (4.7 inches)Feeding Method: Inclined Feed Hopper + Top Forced FeedingBlade Structure: Double Flywheel + Replaceable High-Chromium Alloy Steel BladesDischarge Direction: Top Adjustable (Upward/Inclined)	
Structure & Material	Frame: Thickened Carbon Steel (Q235) Welding + Powder Coating for Rust PreventionChipping Chamber: Wear-Resistant Manganese Steel (Mn13)Blades: High-Chromium Alloy Steel (Cr12MoV), Hardness HRC58-62Tow Bar: Carbon Steel Welding + Powder CoatingWheels: Solid Rubber Tires + Steel Hubs	
Transmission & Shaft Design	Transmission Method: Hard Shaft Direct DriveMain Shaft Material: 40Cr Alloy Steel Forging + Quenching & Tempering Heat TreatmentBearings: Heavy-Duty Tapered Roller Bearings + Dust-Proof SealingFlywheel Structure: Double Eccentric Counterweight FlywheelDimension & Weight	Overall Dimension: Approx. 1500×850×1200mm (L×W×H)Overall Weight: Approx. 145kg
Mobility & Safety	Mobility: Single-Wheel Trailer Type + Tow HookSafety Configuration: Feed Hopper Safety Baffle, Engine Emergency Stop SwitchProtection	

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	Level: IP54 (Outdoor Dustproof & Waterproof)	

Operation Instructions & Notes

1. Operation Instructions

- Before starting the engine, check the oil level and fuel level to ensure they meet the specified requirements; confirm that the blades are intact and free of looseness, and that the safety baffle of the feed hopper is closed properly.
- Start the engine by pulling the recoil starter, let it idle for 1-2 minutes to warm up, and then start chipping work after the engine runs stably.
- Feed branches into the feed hopper slowly and vertically, and do not use hands or other tools to push branches into the chipping chamber to avoid safety accidents; do not feed branches exceeding the maximum chipping diameter (120mm).
- During operation, pay attention to the running sound of the engine and the chipping condition; if there is abnormal noise, jamming or other faults, turn off the engine immediately, cut off the power (if equipped with a battery), and handle it after the machine stops completely.
- After the work is completed, turn off the engine, wait for the flywheel to stop rotating completely, then clean the chipping chamber and the feed hopper, and check and maintain the blades and bearings regularly.

2. Safety Notes

- Operators must wear protective equipment (safety glasses, gloves, non-slip shoes) during operation; it is strictly forbidden to operate the machine without protection or under the influence of alcohol, drugs, etc.
- Keep children, pets and irrelevant personnel away from the machine (at least 5 meters) during operation to prevent flying debris from causing injury.
- Do not operate the machine in rainy, snowy or extremely humid environments to avoid electric shock (for models with electric start) or slippery accidents.
- The machine must be placed on a flat and stable ground during operation; do not move the machine while it is running, and do not tow the machine with the engine running.
- Regularly check and maintain the machine (replace blades, add lubricating oil, tighten fasteners, etc.) to ensure its normal operation; damaged parts must be replaced with original accessories.
- The machine is only used for chipping dry or fresh branches; it is strictly forbidden to feed stones, metals, glass and other hard objects to avoid damaging the blades and the chipping chamber.