Installation and care

Mowers and robotic mowers

Read before use and keep these instructions.

Checks before every start

Before every start of the robot or mower, check the blades, the correct tightening and securing of all screws and other fasteners, the cutting disc, guards and safety devices. All required components must be present, undamaged and correctly installed. Do not start the machine with loose fasteners or faulty safety devices. Test sensors and interlocks only using the methods specified by the machine manufacturer.

Purpose and selecting parts

Use YIVO blades, screws and external replacement parts only with the specified compatible mower or robotic mower. Read and keep these instructions. Do not convert the machine to another cutting system or fit robotic mower blades to a grass trimmer. Verify the full model, cutting system, blade and fastener compatibility; similar appearance, dimensions or screw diameter are insufficient. Follow the machine's specifications for fasteners, assembly order, tightening torque, number of blades and safety zone. If compatibility or required information is unclear, or instructions conflict, stop and contact YIVO. Never force a part.

Make the machine safe before maintenance

Before inspection, cleaning, clearing a blockage or replacement, switch off, wait for all cutting parts to stop and isolate energy as instructed for the machine. Prevent automatic and remote starting. STOP or an app command alone does not replace energy isolation. Disconnect mains power, remove an accessible battery or safety key, or secure ignition on a combustion-engine machine where its instructions require this. Do not dismantle a built-in battery. Secure against tipping or falling and perform only user-serviceable operations. WARNING: unexpected starting can cause severe cuts. Wear protective gloves when handling stationary blades; gloves do not protect against running blades. Keep hands and feet clear until the machine is stopped and safely isolated.

Check blades and fasteners

Before work and after an impact, cleaning or replacement, check blades, screws, threads, disc and guards for cracks, chips, bends, significant corrosion, worn fixing holes, missing parts and damaged screw heads or threads. Do not use damaged or incorrectly fitted parts. WARNING: a worn, damaged or unsuitable fastener can release a blade while running. A blade moving with the rotating disc can then be thrown from beneath the housing and strike the user or a bystander, causing deep wounds and serious injury. Do not operate with damaged fastenings or missing required guards.

Pivoting robotic mower blades

Replace the required complete set of blades together with correct new blade-fixing screws. Do not mix types or new and worn blades, or stack several blades on one screw; check that blades are not stuck together before fitting. An incompatible or incomplete set can cause imbalance, vibration and cutting-system damage. Pivoting blades must retain their designed movement with screws correctly tightened and secured. Free blade movement does not mean that a screw may be loose: never loosen screws to obtain movement or clamp a blade by incorrect fitting. Check movement only with energy isolated and as instructed for the machine. Do not resharpen or grind YIVO replacement robotic mower blades, weld, heat or straighten them, or enlarge their holes. Altering geometry or mass can impair their properties. Replace worn or damaged blades.

Rigidly mounted blades

Rigid blades must have no play at the mounting. Follow the specified orientation, assembly order and machine-specific tightening torque. Do not repair damaged threads with improvised fastenings, random screws, washers or glue. Sharpening is allowed only if provided for by the appliance instructions and should be carried out by an appropriate service provider with a balance check. Do not repair cracked, bent or structurally damaged blades by sharpening, welding or straightening; replace them.

Cutting height and prohibited modifications

Adjust cutting height only through the factory-provided mechanisms and settings within the manufacturer's specified range. Do not modify the adjustment system or blade/disc position using unapproved spacers, washers, adapters, wheel changes or other alterations. Do not remove, shorten or modify cutting guards, discharge guards, protective skirts or other safeguards. Operate only with all guards required for the operating mode fitted correctly and undamaged. Remove guards only for permitted maintenance after isolation and stopping, and refit before starting. Do not bypass lift, tilt or operator-presence sensors, start interlocks, emergency stops or other safeguards, including by software changes; do not exceed the specified cutting-system speed. WARNING: changed cutting geometry or impaired guards can cause collisions, ejection of parts and blade contact. Do not use YIVO blades in a modified cutting system or with defective safeguards.

Before starting and during work

Clear stones, wire, toys and other objects that could be thrown or damage blades. Keep people and animals outside the machine's specified safety zone. Children must not replace or clean blades. Before a test, refit all required guards, remove tools and place the machine in its normal working position. Never run it raised or upside down, bypass safety sensors or stop the disc by hand. After an impact, unusual noise or vibration, or a missing blade or fragment, stop immediately, isolate energy and inspect. Replace damaged parts and resolve concerns about the machine with a service provider before restarting.

Missing fragments, cleaning and storage

If a blade or fragment is missing, keep people and animals away from the affected area. Carefully locate and collect accessible pieces using gloves and suitable tools. If searching is unsafe or the hazard cannot be removed, keep the area secured and seek help. Do not resume mowing merely because a new blade has been fitted: fragments in grass can injure people after the machine is off. Clean only stationary parts after energy isolation, using a suitable brush or tool, not fingers or a cloth along sharp edges. Do not force a jammed blade to pivot. Cleaning removed blades does not permit washing the whole mower; follow its instructions. Store clean and dry with cutting edges protected, away from children and animals. Dispose of used parts safely under local rules. Keep product and batch identification, report safety incidents to YIVO and retain damaged parts for assessment. Seek emergency help for immediate danger to health or life. Statutory rights against the seller remain unaffected; any commercial guarantee is additional.

Manufacturer and support

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