Bäumr-AG®

320SZX

STAND ON MOWER



User Manual

[Revision 4.0]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description, and packaging.

The product is NOT supplied with engine oil, although traces of oil from the manufacturing process may be present. It is essential to add adequate engine oil of the correct type to the engine before use. Failure to add engine oil will void the product warranty.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You WILL be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You CAN be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You CAN be INJURED if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases, or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well it.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol, or medication.
- This equipment is not intended for use by persons with reduced physical, sensory, or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well-ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start, or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors, and vents.

General Equipment Use and Care

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage, or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases, or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids, or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

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General Electrical Safety

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!

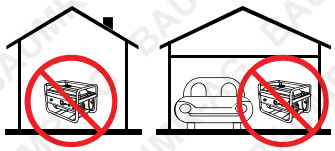


- **WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.**
- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

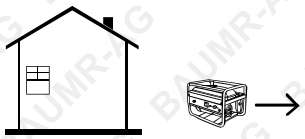
HAZARDOUS COMPONENTS!

⚠ DANGER ⚠

Using an engine or wood/charcoal/gas fuelled appliance indoors CAN KILL YOU IN MINUTES. Engine exhaust and wood/charcoal/gas fumes contain carbon monoxide. This is a poison you cannot see or smell.



NEVER use inside a building, home, garage, boat, caravan or tent EVEN IF doors and windows are open.



Only use OUTSIDE and far away from windows, doors, and vents.

Avoid other hazards - READ MANUAL BEFORE USE.

GENERAL:
- Do not operate in a hazardous location. Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dusts.
- Do not operate in a confined area where exhaust gases or wood/charcoal/gas fumes could reach dangerous concentrations.

PRODUCTS FEATURING AN ENGINE
- Follow all warnings in the section titled "GENERAL".
- Explosion hazard - never smoke while refuelling.
- Take care not to spill fuel. When refuelling the engine, ensure that the engine has been allowed to cool. Prevent spilling of fuel as this may also ignite with a hot engine.
- Never refuel while engine is running.

GENERATORS
- Follow all warnings in the sections titled "GENERAL" and "PRODUCTS FEATURING AN ENGINE".
- The output of this generator is potentially lethal. The generator should not be connected to a fixed electrical installation except by an appropriately licensed person.
- Not weatherproof – protect your machine. This machine is not weatherproof and should not be exposed to direct sunlight, high ambient temperature, damp conditions, wet conditions or high humidity conditions.

- **BE AWARE THAT THE EQUIPMENT MAY INCLUDE HAZARDOUS COMPONENTS, SUCH AS BLADES, HOT SURFACES AND MOVING PARTS.**
- **MOVING BLADES CAN CAUSE SERIOUS INJURY AND EVEN DEATH IF USED IMPROPERLY OR WITHOUT SUFFICIENT PPE.**
- **DO NOT USE THIS EQUIPMENT ON UNEVEN SURFACES AND ALWAYS MAINTAIN GOOD BALANCE WHEN USING THIS EQUIPMENT. FAILURE TO DO SO MAY CAUSE SERIOUS INJURY.**
- **MAINTAIN A SECURE GRIP OF THE TRIGGER ASSEMBLY AT ALL TIMES.**

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Safety Information and Warnings

General Safety Information

- The manufacturer's stand-on mowers are designed to provide safe and reliable service when operated correctly. Read and understand this manual before operating the mower.

Emission Control System Information

- The manufacturer complies with emission control regulations. To maintain compliance, always follow the operating and maintenance instructions in this manual.

Safety Labels

- Safety labels are placed on the mower to warn of potential hazards. Read them carefully. If a label is missing or illegible, contact the manufacturer for a replacement.

Operator Responsibility

- All operators and mechanics must be trained, physically capable, and familiar with this manual before using the mower.
- If operators cannot read or understand English, the owner must explain all safety instructions.
- The owner and operator are responsible for accidents or injuries to themselves, others, or property.
- Safe practices by the owner and operator can prevent accidents.

Mower Inspection

- Inspect the mower before each use. Ensure the following before inspection: mower on a level surface, ignition off, key removed, parking brake set, blades disengaged, and spark plug wires disconnected and grounded.
- Check for fluid leaks and remove excess dirt, debris, or fluids.
- Inspect for damage or wear. Tighten loose fasteners and replace missing parts.
- Ensure safety interlock controls work properly – the engine must not start unless the ground speed lever is in neutral and blades disengaged.
- Inspect mower blades for damage or wear. Replace in sets to maintain balance.
- Check tyre pressures. Do not exceed the maximum rating marked on the tyres.
- Inspect belts for wear and correct tension.
- Check engine oil and air filters.

Children

- Never allow children to operate or ride on the mower.
- Keep children at a safe distance during operation or servicing.
- Always look out for children before turning or reversing.
- Never allow untrained persons to operate or service the mower.

WARNINGS

- ⚠ **DO NOT USE THE MOWER TO CARRY PASSENGERS.**
- Keep bystanders, helpers, pets, and children at a safe distance while operating. Remove rocks, toys, wires, and other objects from the area that could be thrown by the mower and cause injury or death.
- ⚠ **WEAR PROPER PROTECTIVE EQUIPMENT.**
- Always wear safety glasses, hearing protection, and suitable clothing. Long hair, loose clothing, or jewellery may become entangled in moving parts.

Preparation Safety Precautions

- Evaluate the terrain to determine the correct accessories and attachments required to safely perform the job. Only use accessories and attachments approved by the manufacturer.
- Inspect the mowing area and remove all objects such as rocks, toys, or wire that could be thrown by the mower and cause serious injury or death.
- Keep people, pets, and especially children well clear of the mowing area. Do not operate the mower in their presence.
- Never operate the mower with damaged guards, shields, or covers.
- All operators must remain alert and pay attention to safety alerts, symbols, and signs.
- Inspect the mower before each use.
- Ensure the safety switch functions correctly and tyre pressures are at the recommended level.
- Check all controls and shields before use. Do not operate if any are damaged or missing.
- Never operate the mower with the discharge deflector raised, removed, or altered unless a grass catcher is fitted.
- Fit and maintain a spark arrester before using the mower on forest-covered, grass-covered, or brush-covered unimproved land.

Fuel Safety Precautions

- Fuel is highly flammable and its vapours can explode. Handle fuel with extreme care.
- Store petrol only in approved containers, out of reach of children.
- Do not overfill the fuel tank. Leave space for expansion.
- If fuel is spilled, do not start the engine. Move the mower away, clean up the spill thoroughly, and wait until vapours have cleared.
- Do not fill fuel containers inside a vehicle or on a truck or trailer.
- Never remove the fuel cap or refuel while the engine is running.
- Avoid inhaling petrol vapours.

- Never refuel or drain fuel indoors.
- Keep face and body away from the fuel nozzle and tank opening.
- Avoid contact of petrol with skin and eyes.
- Never siphon fuel by mouth.
- Only refuel once all moving parts have stopped.
- Do not smoke while handling fuel. Keep away from sparks, open flames, and hot surfaces.
- Place fuel containers on the ground before filling – never fill them while in or on a vehicle.
- Petrol is harmful or fatal if swallowed.
- ⚠ **DANGER: PETROL IS HIGHLY FLAMMABLE AND EXPLOSIVE. DO NOT REFUEL WHILE THE ENGINE IS RUNNING OR HOT. KEEP FLAMES, SPARKS, AND HEAT SOURCES AWAY. ONLY REFUEL OUTDOORS. IF FUEL IS SPILLED, PUSH THE MOWER AWAY FROM THE AREA AND CLEAN IMMEDIATELY.**

Equipment Operation — Safety Precautions

- Do not operate the engine in a confined space where carbon monoxide fumes can accumulate. Carbon monoxide is odourless, tasteless, and can be fatal.
- Operate the mower only in daylight or good lighting conditions.
- Ensure the mower is in neutral, the parking brake engaged, blades disengaged, and the operator in the correct position before starting the engine.
- Do not operate on wet grass.
- Be alert for pedestrians or vehicles when moving the mower during loading, unloading, or transport.
- Never operate the mower with damaged guards, shields, or missing safety devices.
- Be aware of discharge direction. Never point discharge towards bystanders, and keep children and pets away during operation.
- Do not alter governor settings or overspeed the engine.
- Always stop the engine before leaving the mower, even briefly.
- Keep the engine area free of grass, leaves, and debris to reduce fire risk.
- Use gloves when handling or servicing blades. On multi-blade units, rotation of one blade may cause others to move.
- Never operate with the discharge chute raised. Serious injury could occur.
- Do not operate the mower if lightning is visible or thunder is heard. Seek shelter immediately.
- Never raise the mower deck while blades are running.
- Stop on level ground, disengage the drive, set the parking brake, and shut off the engine before leaving the operator's position, including when clearing the grass catcher or chute.
- Stop immediately and inspect the blades after striking an object or if abnormal vibration occurs. Do not continue until repaired.
- Keep hands and feet away from the cutting unit. This machine can amputate hands and feet and throw objects.
- Slow down and take care when turning. Always check left, right, and behind before changing direction or reversing.
- Disengage blades, reduce speed, and drive cautiously when crossing roads or footpaths.
- Never operate under the influence of alcohol or drugs.
- Use care when loading or unloading into a trailer or truck.
- Approach blind corners, shrubs, trees, and other obstacles with caution.
- Disengage blades when not in use.
- Never use headphones or earphones while operating the mower.

Operator Clothing — Warning

- Do not operate the mower wearing sandals, runners, or shorts.
- Always wear long, non-baggy trousers.
- Wear high-top leather work boots with thick, textured, soft-rubber soles for secure footing. Hard or smooth soles are too slippery for the mower platform.
- Never wear loose-fitting clothing that could become entangled in moving parts.
- Safety glasses, hearing protection, and safety footwear are required.

Replacement Parts

- Use only parts supplied or approved by the manufacturer. Non-approved parts may compromise safe operation and are not recommended.

Operation on Slopes

⚠ **Do not operate on steep slopes.**

- Never mow on slopes where tyre traction and mower stability feel unsafe.
- Do not mow slopes at all when the grass is wet, as there is a high risk of sliding sideways or downhill.
- On moderate slopes, reduce speed and use caution. Travel across the slope rather than straight up or down whenever possible.
- Slow down and take extra care when turning or changing direction on slopes to avoid tipping or loss of control.

Uphill Operation

- The mower has maximum traction uphill as more weight is on the drive wheels, but it is also more likely to tip backwards.

- Suitable for small areas of steeper slopes.
- Precautions:
  - Lean forward to shift body weight to the front.
  - Accelerate gently to avoid “popping a wheelie.”
  - When reversing downhill, slow gradually—never stop suddenly.

Downhill Operation

- The mower has reduced traction downhill, increasing the risk of sliding.
- Although less prone to tipping backwards, this is the least safe angle.
- Precautions:
  - Shift body weight rearwards by extending arms and squatting slightly to place more weight on the drive wheels.
  - Accelerate and decelerate gently to reduce sliding risk.
  - If uncontrolled sliding occurs, release the handles and step off safely. Avoid mowing slopes that cause repeated sliding.

Across the Slope (Sideways)

- Weight distribution is similar to level ground, but the upper drive wheel has reduced grip.
- Preferred method for mowing large, gentle slopes.
- Precautions:
  - Stand upright front-to-back, but lean uphill to add weight to the higher wheel.
  - Avoid rapid acceleration or abrupt movements.

Tyre Safety

- Replace tyres with less than 2.5 mm tread depth.
- Use tread patterns approved by the manufacturer.
- Maintain tyre pressure between 55–83 kPa (8–12 psi). Higher pressures reduce traction and safety.

Operation in Reverse

- Keep both hands on the handles and feet firmly on the platform.
- Operate slowly and cautiously, especially until familiar with reverse handling.
- Use extreme care in confined or awkward locations.

Operation in Forward Direction

- Keep a firm grip on the handles at all times.
- Operate at slow speed until experienced with mower handling.
- Do not exceed safe speeds. Conditions such as hills, wet or uneven ground, low visibility, or tall grass require reduced speed.
- Reserve high speeds only for level, open ground or transport on paved areas.
- Sudden stops or excessive speed may cause loss of control or ejection from the mower, leading to serious injury or death.

Zero-Radius Turns

- Execute zero-turn manoeuvres slowly to maintain control, prevent dizziness, and avoid being thrown from the mower.
- On slopes, be aware that turning may expose the mower to multiple slope orientations, requiring extra caution.

Fuel Safety

- ⚠ **PETROL IS HIGHLY FLAMMABLE.**
- Handle only in approved fuel containers.
- Do not smoke or use open flames near fuel.
- Never refuel a hot or running engine. Allow several minutes to cool first.
- Refuel outdoors only, and wipe up spills immediately.
- Never fill the tank indoors.
- Do not store the mower with fuel in the tank inside a building where vapours may reach a flame or spark.
- Always allow the engine to cool before storage in any enclosure.

User Qualifications

- This mower is designed for physically fit, experienced, professional operators.
- Operators must:
  - Be 18 years or older.
  - Weigh between 55–160 kg.
  - Have at least 160 hours’ experience with industrial mowers of 9 kW (12 hp) or greater.
  - Read and understand this manual before use.
- Do not allow children to operate the mower.
- Do not allow untrained adults to operate the mower.
- Never carry passengers.

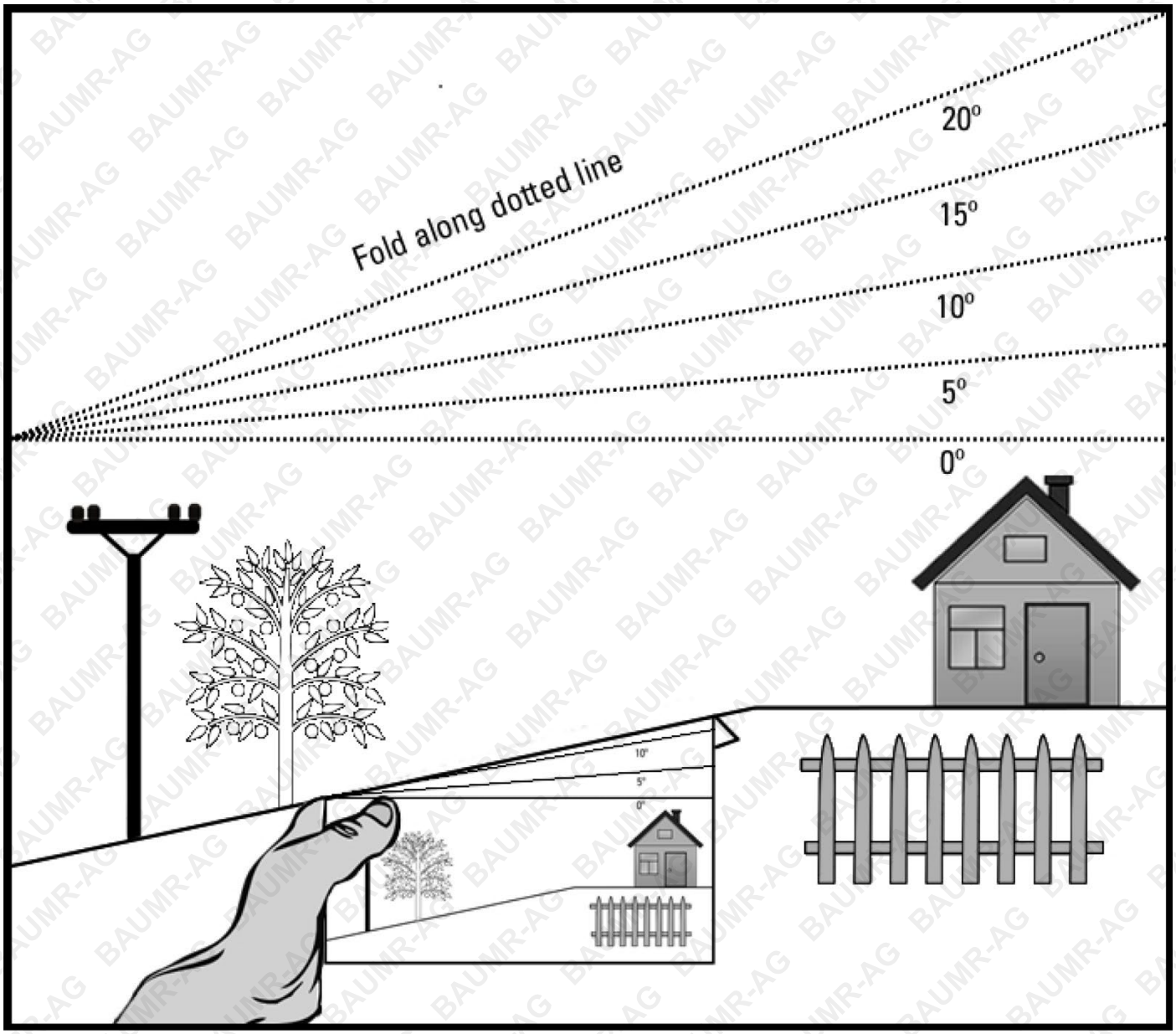
Owner / User Responsibilities

- The owner/operator must ensure all users read, understand, and follow this manual and the safety decals on the machine.
- Do not permit operation by anyone who has not been trained or instructed in safe use.

Final Reminder

- ⚠ **YOUR MOWER IS ONLY AS SAFE AS ITS OPERATOR.**
- Failure to follow safe operating practices can result in serious injury or death.
- Read, understand, and review these instructions frequently to ensure safe operation.

Safe Slope Operation



- The maximum slope angle you can safely operate this mower on is 15 degrees.
- ⚠ **DO NOT EXCEED 15 DEGREES.**
- Using This Gauge:
  - Line up the side of this page with a vertical object (e.g., post, wall, or tree) to gauge the slope angle.
  - Fold the page along the dotted line and check that the slope is no more than 15 degrees before mowing.

DANGER

Running combustion engines in confined areas CAN KILL IN MINUTES. Engine exhaust fumes contain carbon-monoxide – a deadly gas that you cannot smell or see.



NEVER run a combustion engine in confined areas EVEN IF windows and doors are open. ONLY run petrol engines OUTDOORS and away from doors, windows, and vents.

Do not operate the equipment in hazardous locations, such as where there may be a risk of fire or explosions from flammable liquids, gases or dust.

Do not operate the equipment in confined areas where exhaust gases, smoke or fumes could reach dangerous concentrations.

Do not refuel a combustion engine while it is running on or hot.

Never smoke while refueling combustion engines or handling flammable substances.

For generators, the electrical output is potentially lethal and must only be connected to a fixed electrical installation by an appropriately licensed person.

Be aware that the equipment may include hazardous components, such as blades, hot surfaces and moving parts.

Handle any flammable substance with extreme caution.

Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.



Flammable Material Hazard
Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.



Read User Manual
Read and fully understand product safety warnings, operation, procedures etc before using the product.



Use Hand Protection
Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.



Carbon-Monoxide Hazard
Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.



Electrocution / Electrical Shock Hazard
High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.



Toxic Fumes / Dust Hazard
Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.



Explosive Material Hazard
Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.



Cutting / Amputation Hazard
The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.



Crush Hazard
The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.



Single Operator Only
The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.



Use Face Protection
Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.



Use Foot Protection
Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.



Use Eye / Ear / Head Protection
Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing, and head hazards.



Running Hazard
Do not run on or near the product as doing so may present a fall hazard.



Diving Hazard
Do not dive into the product as doing so may present a neck / head injury hazard.



Adult Supervision Required
Always supervise children and other users of a product to prevent drowning or injury.



Skin Penetration / Puncture Hazard
The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.



Hot Surface Hazard
Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.



Flying Debris Hazard
Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.



Moving Parts Hazard
Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.

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 **Carbon-Monoxide Hazard** Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.	 **Pull Hazard** Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.	 **Slope / Fall Injury Hazard** Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.	 **"Slam Dunk" Warning** Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.
 **Electrocution / Electrical Shock Hazard - Outdoor** High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp, or wet conditions. Electrical shock can be fatal.	 **Electrocution / Electrical Shock Hazard - Disconnect** High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.	 **Power Line Electrocution Hazard** High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.	 **"Kick-Back" Hazard** High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.
 **Winch Operator Position Hazard** Do NOT stand between winch and load. Do NOT use winch to move people.	 **Winch Lift Hazard** Do NOT LIFT load vertically. Use machine to PULL only.	 **Cable Hazard** Ensure that load bearing cable is not kinked or knotted.	 **Winch Cable Hazard** Ensure that there is a minimum number of cable coils on winching mechanism.
 **Winch Hook Hazard** Carry hook to load – do NOT throw or run.	 **Flash / Blinding Hazard** Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.	 **Laser Hazard** Laser may be in use – do NOT look directly at laser or allow others to.	 **Choking Hazard** Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.

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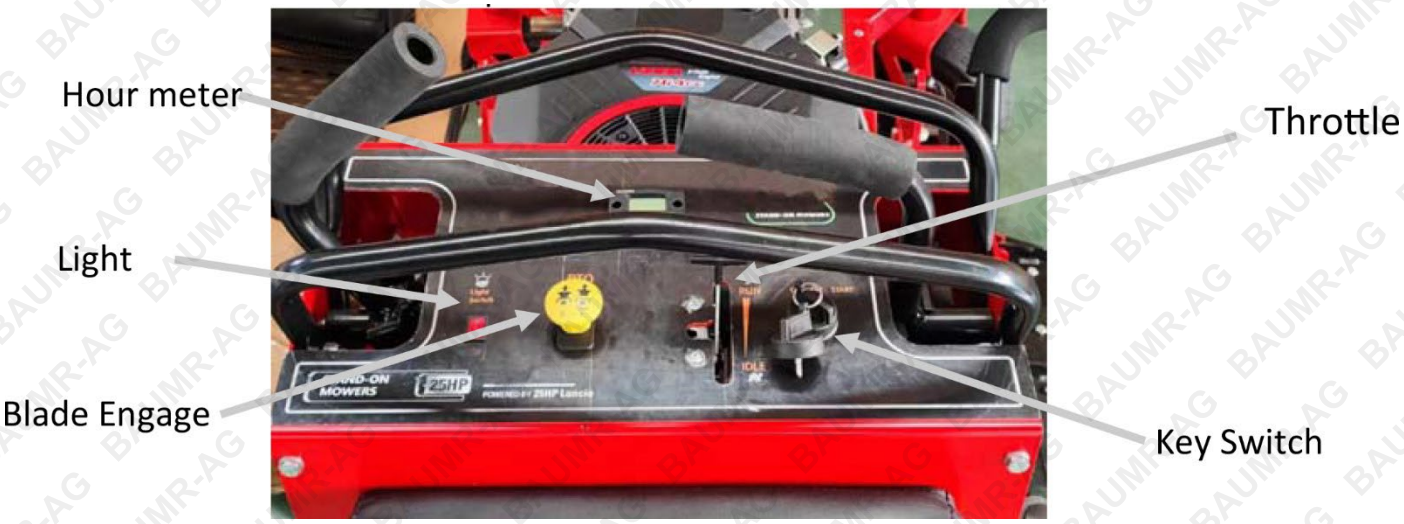
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Control Panel and Lawn Mower Components

Control Panel

The diagram below shows the control panel. Take time to familiarise yourself with the mower controls before operating.



Control Panel Features:

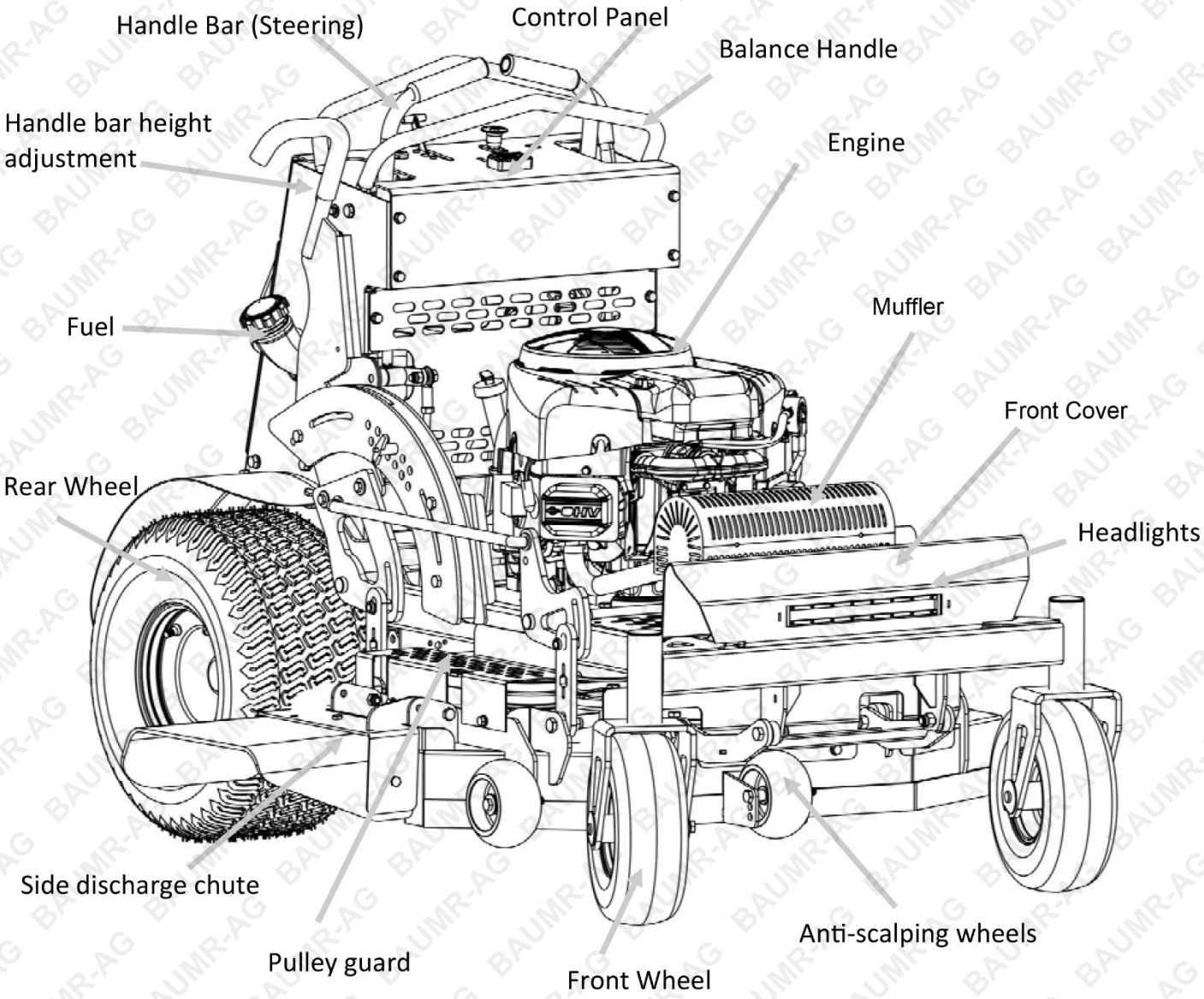
- **Hour Meter** – Displays total operating hours.
- **Light Switch** – Turns the headlights on or off.
- **Blade Engage** – Engages or disengages the cutting blades.
- **Throttle** – Adjusts engine speed.
- **Key Switch** – Starts and stops the engine.

Pre-operation checks

- Ensure the internal battery has been connected.
- Fill unit with fuel.
- Fill unit with oil (SAE 10W-30).

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Lawn Mower Component Identification



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Operation

⚠ **WARNING: If you are not completely familiar with the Safety Instructions in this manual, read them before operating the mower. Certain precautions must be followed before starting.**



Starting the Engine

☠ **DANGER – CARBON MONOXIDE HAZARD! Exhaust contains poisonous carbon monoxide, a colourless and odourless gas. Breathing exhaust fumes can cause unconsciousness and may lead to death. Do not operate the engine in a confined space where fumes can accumulate.**

Preparation

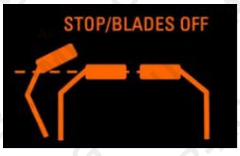
- Use only fresh unleaded petrol.
- Ensure the engine is filled to the correct level with the manufacturer's recommended oil.

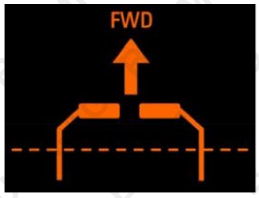
Starting Procedure

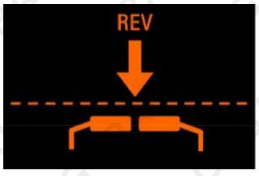
1. Ensure the fuel shut-off valve (located at the bottom of the tank) is in the ON position.
2. Set the parking brake and place both control handles in the neutral position.
3. Ensure the blade engage switch/lever is in the OFF position.
4. Pull the choke and set the throttle to the mid-point.
5. Turn the ignition key clockwise to the START position. Release the key when the engine starts, allowing it to return to the ON position.
6. Do not engage the starter motor for more than 10 seconds at a time.
7. Once the engine is running, gradually push the choke to the OFF position.

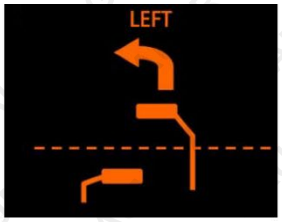
⚠ **NOTICE: After starting, let the engine run for several minutes to allow the hydraulic fluid to circulate and the engine to warm up. Do not over-rev a cold engine.**

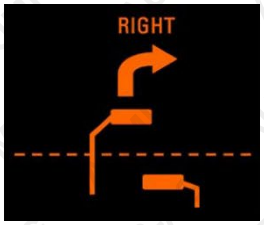
Operating the Mower











1. Release the parking brake (OFF position).
2. Forward travel – Push both control handles forward. Forward speed increases the further the handles are moved.
3. Turning left – Push the right handle further forward than the left, or move the left handle closer to neutral.
4. Turning right – Push the left handle further forward than the right, or move the right handle closer to neutral.
5. Stopping – Move both handles back to the neutral (centre) position.
6. Reverse travel – Pull both handles back toward your chest.

7. Turning in reverse – Use the same principles as turning forward, but in reverse.
8. Zero-turn right – Push the left handle forward and the right handle backward.
9. Zero-turn left – Push the right handle forward and the left handle backward.
10. Neutral position – In neutral, the hydraulic system prevents free movement. However, on a slope the mower may creep slowly, whether the engine is running or not. Always apply the manual parking brake when leaving the mower unattended or during transport.

⚠ WARNING – Control Sensitivity

At higher engine speeds, the controls are more responsive, and the mower reacts more quickly.

- If you are operating for the first time, move the control levers gently and practise small forward and backward movements.
- Gradually increase speed as you become familiar with the mower's handling.
- Only attempt full throttle operation once fully confident with control response.

Changing the Height of Cut

The mower is fitted with an adjustable floating deck that allows cutting heights from 38 mm to 114 mm (1.5–4.5 in.) in 12 mm (½ in.) increments. The deck height adjuster is located on the right-hand side of the mower.

Note: After mowing, always return the deck to its highest position to prevent scraping and reduce the risk of blade or deck damage.

Stopping and Parking the Mower

1. Bring the mower to a complete stop.
2. If the blades are engaged, switch them off using the control panel switch.
3. Ensure the control levers are in the neutral position.
4. Set the parking brake.
5. Reduce engine speed to idle.
6. Turn the ignition switch off and remove the key.

The mower is now safely parked.

Driving the Mower Over a Curb

⚠ WARNING: Never drive straight on or off a curb. Always approach and exit at an angle.

To climb a curb:

1. Approach the curb in reverse at a 45° angle, with the left side of the mower closest.
2. Stop just before the left-rear tyre touches the curb.
3. Gradually reverse so the left-rear tyre climbs onto the curb.
4. If the tyre slips, the curb is too high—use ramps or another method.
5. Repeat with the right-rear tyre, keeping the mower angled.
6. Turn counterclockwise and back slowly so the left caster, then the right caster wheel, rolls over the curb.

To drive off a curb:

1. Approach at a 45° angle, with the curb to your right.
2. Drive the right-front caster off first, followed by the left caster, right-rear, and finally the left-rear wheel.

This angled method keeps all wheels in better contact and prevents damage to the mower deck.

Using the Mower on Varying Terrain

When mowing on uneven ground, always follow the guidelines in the Safety Instructions section, especially:

- Initial Operating Safety Guidelines
- Operation on Slopes
- Operation in Reverse
- Operation in Forward Direction
- Zero-Radius Turns

Tracking and Neutral Adjustment

Before making adjustments, ensure tyre pressure is equal on both rear drive tyres.

1. Drive the mower on a level surface with the engine at full throttle.
2. Check if the mower travels in a straight line when both control handles are held at full speed.
3. If it does not track straight, park the mower, stop the engine, and adjust as follows:

Adjustment Procedure

- Remove the hair pin from one of the swivel ends at the lower end of a control rod.
- Turn the swivel to make the control rod either longer or shorter:
  - **Shorter rod** = speeds up that side.
  - **Longer rod** = slows down that side.
- If the mower pulls to the left, either shorten the left rod or lengthen the right.
- If the mower pulls to the right, either shorten the right rod or lengthen the left.

Important Notes:

- Adjust one turn at a time.
- Do not shorten the rods so much that the pump control lever hits the pump's internal stop at full speed. This can cause pump damage or leaks.
- To set maximum speed:
  - Shorten one turn at a time until you feel slight resistance (contact with the internal stop).
  - Lengthen back by one turn.
  - This can be checked manually by moving the lever to full fast without the engine running.
- Use the fast Speed/Sensitivity setting for accurate tracking adjustments. Fine-tune in the slower setting only by one or two turns per side.
- Over-adjustment may reduce or eliminate reverse capability.

Mowing

⚠ WARNING: Inspect the mowing area thoroughly before operation. Remove stones, sticks, wire, toys, and any other foreign objects. These can be thrown by the mower and cause serious injury or death.

- Keep bystanders, pets, and children at a safe distance.
- Do not operate the mower with defective guards, shields, or without safety devices securely fitted.

Disengaging or Engaging the Hydrostatic Drive

For the purposes of moving the ride on mowers manually, some units will feature engagement levers. Please note that when engaged, the motors will not work at all. These are only to be used when you need to push the mower by hand.

Also note that if the metal grate has been fitted to “low” it can hinder the movement of these levers, which may stop the user from activating the levers. Simply move the grate up when experiencing this issue.



Appearance and position may vary.

Levers are engaged; the mower can be pushed by hand. The motors are not active at all in this position.



Appearance and position may vary.

Levers are disengaged. The motors will work as normal; you will not be able to push the mower by hand.

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Service Adjustments

Before performing any service:

- Park the mower on a level surface.
- Disengage the blades.
- Switch off the engine and set the parking brake.
- Remove the key from the ignition.
- Wait until all moving parts have stopped.
- Disconnect the spark plug wires.

Removing the Blades

Required Tools: Two (2) × 24 mm box-end spanners (15/16 in.).

⚠ **CAUTION: Blade edges are sharp. The rotation of one blade may cause others to move. Always wear work gloves when handling blades.**

Procedure:

1. Park on level ground, set the brake, and block the rear wheels.
2. Raise the front of the mower and support it securely on a jack stand.
3. Using one spanner, hold bolt B while loosening nut A with the other spanner.
4. Remove the blade bolt and slide it down through the mower deck.
5. To reinstall, insert the blade bolt through the cutting deck.
6. Replace the blade spacers in the same order as removed. Install the nut and tighten securely.

Important:

- Always use the same number of spacers on each blade bolt.
- Never place spacers below the blade.
- Never straighten, weld, or modify blades.

Belt Safety

⚠ **IMPORTANT: The mower belts are factory-adjusted so that the blades stop rotating within 7 seconds of releasing the blade control lever.**

- If you make any adjustments to the belts, ensure they are re-adjusted to meet this safety requirement.
- Failure to do so may create a serious hazard.

Changing the Battery

- When disconnecting: remove the negative (-) terminal first, then the positive (+).
- When reconnecting: connect the positive (+) terminal first, then the negative (-).



Charging the Battery

- Always charge in an open, well-ventilated area, away from sparks, flames, and heat sources.
- Unplug the charger before connecting or disconnecting it from the battery.
- Wear protective clothing, safety glasses, and gloves.
- Use insulated tools to prevent accidental short circuits.

☠️ **DANGER – SULPHURIC ACID HAZARD: Battery electrolyte contains sulphuric acid, which can cause severe burns and is highly poisonous. Never ingest electrolyte. Avoid skin and eye contact. Always wear gloves and safety glasses when handling the battery.**

⚠️ **WARNING – EXPLOSION RISK: Do not allow battery terminals to touch any metal parts of the mower. Never short-circuit the terminals with metal tools. Sparks can ignite battery gases, causing explosion, serious injury, or death.**

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Maintenance

ATTENTION: Surface corrosion will occur on metal surfaces over time and the rate of oxidation depends on factors such as proximity to the ocean and humidity or condensation of water vapour on metal surfaces. To mitigate this, WD40 can be used to remove surface corrosion then, when applied periodically, it will prevent rust from forming.

WARNING: Before performing any maintenance or cleaning work, switch off the engine and wait until the blade has come to a stop.

Importance of Maintenance

Regular maintenance is essential to ensure your mower delivers safe and reliable performance.

This section includes:

- A recommended maintenance schedule.
- Routine inspection procedures.
- Basic maintenance tasks using common hand tools.

Maintenance is the responsibility of the owner and must be performed regularly. Tasks requiring special tools or advanced skills should be carried out by a qualified service technician or mechanic.

The maintenance schedule provided applies to mowers operated under normal conditions. For severe conditions—such as prolonged use, high temperatures, or operation in wet, dusty, or rocky environments—consult your servicing technician for customised recommendations.

Always use genuine manufacturer replacement parts to maintain quality, safety, and performance.

Fuel

☠ **DANGER – PETROL IS HIGHLY FLAMMABLE AND EXPLOSIVE: Do not refuel while the engine is running or hot. Keep fuel away from flames, sparks, or heat sources. Only store fuel in approved containers. Refuel outdoors only. If fuel is spilled, do not start the engine. Push the mower away from the spill and clean immediately.**

A fuel shut-off valve is located at the bottom of the fuel tank. Turn it OFF when transporting the mower or storing it for extended periods.

General Safety Before Servicing

⚠ **CAUTION: Before making any adjustments or performing maintenance:**

1. Park the mower on a level surface.
2. Turn off the ignition and remove the key.
3. Engage the parking brake.
4. Disengage the blades.
5. Disconnect the spark plug wires and ground them against the engine.

If servicing after operation, allow the mower to cool. Always wear protective clothing.

Tyre Pressure

- Incorrect tyre pressure may cause the mower to pull to one side or produce an uneven cut.
- Inflate carefully and never exceed the maximum pressure stated on the tyre sidewall.

Engine Oil

✅ Check engine oil before each use.

Blades

- Inspect blades daily for nicks, bends, cracks, or wear. Replace any damaged blades before operating.
- Always use genuine manufacturer replacement blades for quality and safety.

Sharpening Guidelines:

- Sharpen only the cutting edges.
- Maintain the original angle.
- Do not sharpen to a razor edge.
- Remove equal amounts from both sides to keep the blade balanced.

⚠ **CAUTION: Always wear gloves when handling blades. Be aware of sharp cutting edges. Ensure the engine is off, the key is removed, and spark plug wires are disconnected before servicing blades.**

Maintenance Schedule

Item	Procedure	Break-in (5 hrs)	Every 8 hrs (Daily)	Every 40 hrs (Weekly)	Every 100 hrs (Bi-weekly)	Every 200 hrs (Monthly)
Belts	Inspect / adjust if needed	X	X			
Blades	Inspect and/or sharpen		X			
Engine Air Filter	Inspect		X			
Engine Cooling Areas	Clean		X			
Engine Oil	Check	X	X			
Engine Oil	Change					
Engine Oil Filter	Change					
Engine Spark Plug	Inspect				X	
Fuel Filter	Replace				X	
Fuel Line	Check				X	
Grease Fittings	Lubricate					
Hardware	Check for proper tightness	X		X		
Mower Main Frame	Remove debris from under belt cover		X			
Safety Interlock System	Check operation and switches		X			
Tyres	Check air pressure			X		
Spindle / Blade Brakes	Inspect		X			

Cleaning the Mower

It is recommended that the mower be cleaned daily. Excessive accumulation of dirt, debris, oil, or grass on cutting units, drives, mufflers, and the engine may present a potential fire or safety hazard.

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Maintenance Schedule – Petrol Engine / Machine

Component / Task	Every Use	After First 5 Hours Use	3 Months / 25 Hours Use	6 Months / 50 Hours Use	12 Months / 100 Hours Use	Major Service – Normal Use 24 Months / 200 Hours Use	Major Service – Heavy-Duty Use Every 200 Hours Use
Engine Oil ****	Check level. Adjust as necessary	Replace					
Engine Oil Filter *				Replace			
Loose Engine / Machine Fasteners	Check. Tighten as necessary						
Air Filter	Check	Clean. Replace as necessary			Clean, Oil and Replace as necessary.	Replace	
Spark Plug			Check		Replace		
Spark Arrestor *							
Fuel Filter *				Clean. Replace as necessary		Replace	
Fuel Strainer *	Check						
Float Bowl *					Clean		
Fuel Lines / Hoses	Check	Replace as necessary					
Fuel injector *					Check. Clean		
Fuel Pump *							
Fuel Tank					Flush and clean		
Idle Speed					Check. Adjust as necessary		
Valve Clearance					Check. Adjust as necessary		
Cylinder Head Fasteners						Check. Tighten as necessary	
Combustion Chamber					Check. Clean / de-coke as necessary		
Battery Electrolyte *		Check level. Adjust as necessary					
Major Service						Perform	
Cutting Blade / Chain *	Check	Sharpen. Replace as necessary					
Water Pump Oil **	Check level. Adjust as necessary					Replace	
Hydraulic Fluid ***	Check level. Adjust as necessary					Replace	
Drive Belt Maintenance *	Check tension. Clean & adjust as necessary. How to remove the cover.					Check. Replace as necessary	

* Where applicable. ** Pressure washers with non-sealed water pumps. *** Log splitters only.
**** Briggs & Stratton "EXi" engines do NOT require engine oil changes; just ensure that oil level is correct.

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Lead-Acid Battery Care and Maintenance

Top 3 Battery Care Requirements

1. **Charge battery before first use**. The battery may arrive with some charge, regardless of this the battery must be charged on the initial charge and for each subsequent charge.



2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing.



To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- Inspect the terminals, screws, clamps and cables for breakage, damage, or loose connections. These should be clean, tight, and free of corrosion.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- Keep the battery clean, dry, free of dirt and grime. A dirty battery can discharge across the grime on top of the battery casing.
- Apply a thin coating of high temperature grease to posts and cable connections for added protection.
- Inspect the battery case for obvious signs of physical damage or warpage. This usually indicates the battery has been overheated or has been overcharged.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – protect the battery against heat, for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating, or fire may result.

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Storage

Short-Term Storage (up to a few weeks)

- Allow the engine to cool before storing. Do not store near flames, sparks, or heat sources.
- Clean off all flammable material, grime, and dirt before storage.
- Do not use a pressure washer. Avoid soaking the control panel, motor, engine, or hydro pumps.
- Wash with mild detergent and water only.
- After washing, run the engine at high idle for 5 minutes to dry the mower.
- Shut off the fuel supply when storing or transporting.
- Carefully release pressure from components with stored energy.
- Store the mower on the ground, not raised or suspended.
- Do not drain fuel indoors or near flames.
- Use jack stands to support components if required.
- Always park on level ground and set the parking brake.
- Store in a clean, dry environment.
- Remove the ignition key.
- Add a petroleum-based fuel conditioner to the tank and run the mower for 5 minutes to circulate it.

Extended Storage (several months or over winter)

- Follow all steps listed in Short-Term Storage.
- Change the air filter.
- Drain all fuel from the mower. Run the engine until it stalls to ensure the fuel system is completely empty.
- Check spark plug condition. Add two tablespoons of engine oil into each spark plug hole, then reinstall the plugs loosely.
- Remove the battery, clean the terminals and connectors, and store in a cool, dry place.
- Cover the mower to protect it from dust and moisture.

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Troubleshooting

WARNING: Before performing any maintenance or cleaning work, switch off the engine and wait until the blade has come to a stop.

CAUTION: • Improper repairs can result in the product functioning unsafely. This endangers yourself and your environment. • Faults which cannot be rectified with the aid of following table may be rectified by a specialist company only (customer service centre). • Please be aware that any improper repairs will also invalidate the warranty and additional costs may be incurred. • Use only genuine spare parts. Only these spare parts are designed and suitable for the product. The use of other spare parts not only voids the warranty, you can also endanger yourself and your environment.

Problem	Possible Causes	Solution
Engine will not start	1. Key in OFF position	1. Turn key ON
	2. No fuel in tank	2. Add fresh petrol
	3. Air bubble in fuel line	3. Prime engine or clear bubble
	4. Fuel valve OFF	4. Open fuel valve
	5. Choke not engaged	5. Engage choke
	6. Choke linkage out of adjustment	6. Adjust choke
	7. Low engine oil	7. Add engine oil
	8. Blade control engaged	8. Disengage blade control
	9. Loose spark plug wire	9. Tighten spark plug wire
	10. Fouled spark plug	10. Clean or replace spark plug
	11. Dirty/blocked air filter	11. Clean or replace air filter
	12. Stale or contaminated petrol	12. Drain tank and refill with fresh petrol
	13. Dirty/blocked fuel filter	13. Replace fuel filter
	14. Safety switches misaligned/loose	14. Adjust/tighten switches
	15. Flat battery (electric start models)	15. Recharge or replace battery
Engine will not stay running / quits	1. Water in fuel	1. Drain and replace with fresh fuel
	2. Loose safety switch	2. Adjust switch
	3. Fuel valve OFF	3. Open fuel valve
	4. Dirty fuel filter	4. Replace fuel filter
	5. Dirty air filter	5. Clean or replace air filter
	6. Low engine oil	6. Add engine oil
Engine stops when blades engage	1. Loose safety switch	1. Adjust switch
	2. Belt tension too high	2. Adjust belt tension
	3. Blades jammed with debris	3. Remove debris
Blades do not turn	1. Broken belt	1. Replace belt
	2. Blade engagement linkage out of adjustment	2. Adjust linkage
Belts squeal when blades engage	Excessive belt wear	Replace belt
Belts slip when blades engage	Excessive belt wear	Replace belt

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Problem	Possible Causes	Solution
Mower will not move forward or reverse	1. Brake engaged 2. Bypass levers pulled out	1. Release brake 2. Push bypass levers in
Mower cannot be moved with engine off	Bypass not engaged	Pull left and right bypass handles and lock into chassis slots
Engine overheating	1. Blocked fuel line 2. Dirty air filter 3. Low engine oil 4. Fouled spark plug 5. Overloading mower 6. Dull blades 7. Spindle bearing failure	1. Replace fuel filter and flush tank 2. Clean/replace air filter 3. Add engine oil 4. Replace spark plug 5. Mow slower; wait for grass to dry 6. Sharpen blades 7. Service spindle bearings
Grass not cut smoothly/cleanly	1. Dull blades 2. Mowing too fast 3. Wet or bent grass 4. Bent blade 5. Unequal tyre pressure 6. Deck height uneven 7. Blades installed upside down 8. Excessive grass/debris under deck	1. Sharpen blades 2. Reduce mowing speed 3. Wait until grass is dry 4. Replace blade 5. Adjust tyre pressures 6. Level deck 7. Reinstall blades correctly 8. Clean underside of deck
Mower pulls to one side	1. Controls out of adjustment 2. Transmission failure	1. Adjust controls 2. Take mower to service centre

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Specifications

Power Type	Petrol
Engine Displacement	764cc
Power (HP)	23hp
Transmission	Hydrostatic
Fuel Type	Regular Unleaded 95+ RON
Oil Type	SAE 10W-30
Fuel Tank Capacity	10L
Starting System	Electric start
Spark Plug Type	RN9YC
Cutting Width	32”
Cutting Height	38-114mm
Front Wheels	13 inch x 5.0 - 6 (smooth)
Rear Wheels	18 inch x 6.5 - 8 (turf)
Max cutting speed	12.4km/h

Note: Assembly Required

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Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging, and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear, or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear, or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business, or employee, or financially affect the user, business, or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement, or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

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