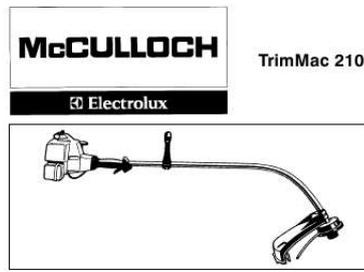




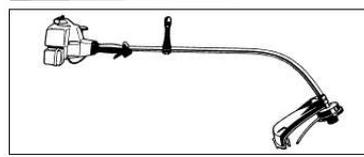
# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MCCULLOCH TRIMMAC 210, 21CC. You'll find the answers to all your questions on the MCCULLOCH TRIMMAC 210, 21CC in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MCCULLOCH TRIMMAC 210, 21CC  
User guide MCCULLOCH TRIMMAC 210, 21CC  
Operating instructions MCCULLOCH TRIMMAC 210, 21CC  
Instructions for use MCCULLOCH TRIMMAC 210, 21CC  
Instruction manual MCCULLOCH TRIMMAC 210, 21CC



**MCCULLOCH** TrimMac 210  
Electrolux



**INSTRUCTION MANUAL**  
IMPORTANT INFORMATION: Please read these instructions carefully and make sure you understand them before using this unit. Retain these instructions for future reference.

**MANUEL D'INSTRUCTIONS**  
RENSEIGNEMENTS IMPORTANTS: Avant d'utiliser cet appareil, veuillez lire attentivement les instructions et assurez-vous de les avoir comprises. Conservez les instructions pour référence ultérieure.

**BETRIEBSANWEISUNG**  
WICHTIGE INFORMATION: Lesen Sie diese Hinweise zur Handhabung des Geräts aufmerksam durch. Verwenden Sie es erst, wenn Sie sicher sind, daß Sie alle Anweisungen verstanden haben und gut aufbewahren.

**MANUAL DE INSTRUCCIONES**  
INFORMACIÓN IMPORTANTE: Lea atentamente las instrucciones y asegúrese de entenderlas antes de utilizar este aparato. Conserve las instrucciones para la referencia en el futuro.

**LIBRETTO D'ISTRUZIONI**  
INFORMAZIONI IMPORTANTI: Siate pregati di leggere attentamente questo libretto e prendere dimetichenza con il prodotto prima di usarlo. Mantenga queste istruzioni per riferimento futuro.

**HANDLEIDING**  
BELANGRIJKE IMPORTANTS: Lees deze instructies zorgvuldig en wees er zeker van dat uze begrijpt alvorens de trimmer te gebruiken en bewaar ze voor toekomstige raadpleging.

530164483 1/1/04



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**Manual abstract:**

Retain these instructions for future reference. INSTRUCTION MANUAL IMPORTANT INFORMATION: Please read these instructions carefully and make FR attentivement les instructions et assurez-vous de les avoir comprises. Conservez les instructions pour référence ultérieure. MANUEL D'INSTRUCTIONS RENSEIGNEMENTS IMPORTANTS: Avant d'utiliser cet appareil, veuillez lire DE Geräts aufmerksam durch. Verwenden Sie es erst, wenn Sie sicher sind, daß Sie alle Anweisungen verstanden haben und gut aufbewahren. BETRIEBSANWEISUNG WICHTIGE INFORMATION: Lesen Sie diese Hinweise zur Handhabung des ES asegúrese de entenderlas antes de utilizar esta aparato. Conserve las instrucciones para la referencia en el futuro. MANUAL DE INSTRUCCIONES INFORMACIÓN IMPORTANTE: Lea atentamente las instrucciones y IT istruzioni e prendere dimestichezza con il prodotto prima di usarlo. Mantenga queste istruzioni per riferimento futuro. LIBRETTO D'ISTRUZIONI INFORMAZIONI IMPORTANTI: Siete pregati di leggere attentamente questo NL zeker van dat uze begrijpt alvorens de trimmer te gebruiken en bewaar ze voor toekomstige raadpleging.

530164483 HANDLEIDING BELANGRIJKE IMPORTANTS: Lees deze instructies zorgvuldig en wees er 1/1/04 IDENTIFICATION (WHAT IS WHAT?) Fuel tank Assist handle Tube ON/OFF Switch Choke Wrench Throttle Assist handle adjustment Shield Trimmer head Manual Muffler Starter Handle Primer Bulb IDENTIFICATION OF SYMBOLS A. B. C. D. E.

F. G. H. I. J.

K. L. WARNING! This trimmer can be dangerous! Careless or improper use can cause serious or even fatal injury. Read and understand the instruction manual before using the trimmer. Never use blades with this tool. WARNING! The trimmer line can throw objects violently. You can be blinded or injured. Always wear eye protection. Always use: Ear protection Protective glasses or visor Assist handle to be positioned only below the arrow. The operator of the machine must insure that no one comes within a 15 meter radius while working.

When several operators are working within the same area a safety distance of at least 15 meters must be observed. Sound pressure level at 7,5 meters Use unleaded or quality leaded petrol and two-stroke oil mixed at a ratio of 2.5%. @@Read and follow all instructions. This power unit can be dangerous! @@Read entire instruction manual before using unit! @@@@Never allow children to operate this unit. WARNING: S Always wear foot protection. Do not go barefoot or wear sandals. Stay clear of spinning line. S Secure hair above shoulder length. Secure or remove loose clothing or clothing with loosely hanging ties, straps, tassels, etc.

They can be caught in moving parts. S Being fully covered also helps protect you from debris and pieces of toxic plants thrown by spinning line. S Stay Alert. Do not operate this unit when you are tired, ill, upset or under the influence of alcohol, drugs, or medication. Watch what you are doing; use common sense. S Wear hearing protection. S Never start or run inside a closed room or building. Breathing exhaust fumes can kill. S Keep handles free of oil and fuel. S Disconnect the spark plug before performing maintenance except carburetor adjustments.

S Look for and replace damaged or loose parts before each use. Look for and repair fuel leaks before use. Keep in good working condition. S Replace trimmer head parts that are chipped, cracked, broken, or damaged in any other way before using the unit. S Maintain unit according to recommended procedures. Keep cutting line at proper length. S Use only 2 mm diameter McCulloch® brand line. Never use wire, rope, string, etc. S Install required shield properly before using the unit. Use only specified trimmer head; make sure it is properly installed and securely fastened.

S Make sure unit is assembled correctly as shown in this manual. S Make carburetor adjustments with lower end supported to prevent line from contacting any object. S Keep others away when making carburetor adjustments. S Use only recommended McCulloch® accessories and replacement parts. S Have all maintenance and service not explained in this manual performed by an authorized service dealer. INSTRUCTION MANUAL SAFETY INFORMATION ON THE UNIT / MAINTENANCE SAFETY DANGER: Never use blades, wire, or flailing devices. This unit is designed for line trimmer use only. Use of any other accessories or attachments will increase the risk of injury. WARNING: Trimmer line throws objects violently. You and others can be blinded/ injured. Wear safety glasses and leg protection. Keep body parts clear of rotating line. Safety Glasses or similar eye protection Hazard Zone Boots 15 meters Keep children, bystanders, and animals 15 meters away. If approached stop unit immediately. If situations occur which are not covered in this manual, use care and good judgement.

If you need assistance, contact your authorized service dealer. FUEL SAFETY S S S S S S S S S S OPERATOR SAFETY S Dress properly. Always wear safety glasses or similar eye protection when operating, or performing maintenance, on your unit (safety glasses are available). Eye protection should be marked Z87. S Always wear face or dust mask if operation is dusty.

S Always wear heavy, long pants, long sleeves, boots, and gloves. Wearing safety leg guards is recommended. Mix and pour fuel outdoors. Keep away from sparks or flames. Use a container approved for fuel. Do not smoke or allow smoking near fuel or the unit. Avoid spilling fuel or oil. Wipe up all fuel spills. Move at least 3 meters away from fueling site before starting engine. Stop engine and allow to cool before removing fuel cap.

Always store gasoline in a container approved for flammable liquids. CUTTING SAFETY WARNING: Inspect the area before each use. Remove objects (rocks, broken glass, nails, wire, etc.) which can be thrown by or become entangled in line. Hard objects can damage the trimmer head and be thrown causing serious injury. S Use only for trimming, scalping, mowing and sweeping. Do not use for edging, pruning or hedge trimming. S Keep firm footing and balance.

Do not overreach. S Keep all parts of your body away from muffler and spinning line.

Keep engine below waist level. A hot muffler can cause serious burns. S Cut from your right to your left. Cutting on left side of the shield will throw debris away from the operator. S Use only in daylight or good artificial light.

S Use only for jobs explained in this manual. TRANSPORTING AND STORAGE S Allow the engine to cool; secure unit before storing or transporting in vehicle. S Empty fuel tank before storing or transporting the unit. Use up fuel left in the carburetor by starting engine and letting it run until it stops. S Store unit and fuel in an area where fuel vapors cannot reach sparks or open flames from water heaters, electric motors or switches, furnaces, etc.

S Store unit so line limiter cannot accidentally cause injury. Unit can be hung by the tube.



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*S Store the unit out of the reach of children SPECIAL NOTICE: Exposure to vibrations through prolonged use of gasoline powered hand tools could cause blood vessel or nerve damage in the fingers, hands, and joints of people prone to circulation disorders or abnormal swellings. Prolonged use in cold weather has been linked to blood vessel damage in otherwise healthy people. If symptoms occur such as numbness, pain, loss of strength, change in skin color or texture, or loss of feeling in the fingers, hands, or joints, discontinue the use of this tool and seek medical attention. An anti-vibration system does not guarantee the avoidance of these problems. Users who operate power tools on a continual and regular basis must monitor closely their physical condition and the condition of this tool. ASSEMBLY by assembled and all fasteners are secure. Examine parts for damage. Do not use damaged parts.*

*It is normal for the fuel filter to rattle in the empty fuel tank. Finding fuel or oil residue on muffler is normal due to carburetor adjustments and testing done by the manufacturer. WARNING: Make sure unit is proper- ATTACHING THE SHIELD ADJUSTING THE HANDLE WARNING: When adjusting the handle, be sure it remains between the trigger and the safety label. Assist handle must be positioned only below the arrow. 1. Loosen wing nut on handle. 2. Rotate the handle on the tube to an upright position; retighten wing nut. WARNING: The shield must be properly installed. The shield provides partial protection from the risk of thrown objects to the operator and others and is equipped with a line limiter which cuts excess line.*

*The line limiter (on underside of shield) is sharp and can cut you. 1. Remove nut from shield. 2. Insert bracket into slot on shield.*

*3. Pivot shield until bolt passes through hole in bracket. 4. Reinstall nut and tighten securely with wrench (provided). Slot Shield Bracket Nut Line Limiter Blade 4 OPERATION Be sure to read the fuel information in the safety rules before you begin.*

*@@@This engine is certified to operate on unleaded gasoline. @@@@DO NOT USE automotive oil or boat oil. These oils will cause engine damage. When mixing fuel, follow instructions printed on oil container. @@@2. 3. 4. 5. 6. 7.*

*8. @Acidic gas can damage the fuel system of an engine while in storage. @@@Use fresh fuel next season. @Avoid any contact with the muffler. @Move ON/OFF switch to the ON position. Slowly press the primer bulb 6 times. Move choke lever to FULL CHOKE position. Squeeze and hold trigger through all remaining steps. @@@@NOTE: If engine still doesn't start, it is probably flooded. Proceed to STARTING A FLOODED ENGINE.*

*@@@@Move ON/OFF switch to the ON position. 2. Move the choke lever to the HALF CHOKE position faces being swept and move the tool from side to side. @S ON/OFF Switch - Ensure ON/OFF switch functions properly by moving the switch to the OFF position. Make sure engine stops; then restart engine and continue.*

*S Fuel Tank - Discontinue use of unit if fuel tank shows signs of damage or leaks. S Debris Shield - Discontinue use of unit if debris shield is damaged. A dirty air filter decreases engine performance and increases fuel consumption and harmful emissions. Always clean after every 5 hours of operation. 1.*

*Clean the cover and the area around it to keep dirt from falling into the carburetor chamber when the cover is removed. 2. Remove parts as illustrated.*

*NOTE: Do not clean filter in gasoline or other flammable solvent to avoid creating a fire hazard or producing harmful evaporative emissions. 3. Wash the filter in soap and water. 4. Allow filter to dry. 5. Add a few drops of oil to the filter; squeeze the filter to distribute oil.*

*6. Replace parts. Air Filter Screws Air Filter Cover INSPECT AND CLEAN UNIT AND LABELS S After each use, inspect complete unit for loose or damaged parts. Clean the unit and labels using a damp cloth with a mild detergent. S Wipe off unit with a clean dry cloth. REPLACE SPARK PLUG Replace the spark plug each year to ensure the engine starts easier and runs better. Set spark plug gap at 0,6 mm. Ignition timing is fixed and nonadjustable. 1. Twist, then pull off spark plug boot.*

*2. Remove spark plug from cylinder and discard. 3. Replace with Champion RCJ-6Y spark plug and tighten securely with a 19 mm socket wrench. 4. Reinstall the spark plug boot. 7 SERVICE AND ADJUSTMENTS REPLACING THE LINE 1. Move the ON/OFF switch to the OFF position. 2. Disconnect the spark plug lead wire.*

*3. Remove spool by firmly pulling on tap button. Clean entire surface of hub and spool. Replace with a pre-wound spool, or cut a length of 6 meters of 2 mm diameter McCulloch brand line. 10. Pull the line extending outside of the hub to release it from the notch. CARBURETOR ADJUSTMENT WARNING: Never use wire, rope, string, etc., which can break off and become a dangerous missile. 4. Insert one end of the line about 1 cm into the small hole on the inside of spool.*

*Small Hole Spool WARNING: Keep others away when making idle speed adjustments. The trimmer head will be spinning during this procedure. Wear your protective equipment and observe all safety precautions. The carburetor has been carefully set at the factory. Adjustments may be necessary if you notice any of the following conditions: S Engine will not idle when the throttle is released. Make adjustments with the unit supported so the cutting attachment is off the ground and will not make contact with any object. Hold the unit by hand while running and making adjustments. Keep all parts of your body away from the cutting attachment and muffler. Idle Speed Adjustment Allow engine to idle. Adjust speed until engine runs without stalling (idle speed too slow).*

*S Turn idle speed screw clockwise to increase engine speed if engine stalls or dies. S Turn idle speed screw counterclockwise to decrease engine speed. Line in Notch Hub Line exit hole Idle Speed Screw Air Filter Cover If you require further assistance or are unsure about performing this procedure, contact an authorized service dealer. 5. Wind the line evenly and tightly onto the spool.*

*Wind in the direction of the arrow found on the spool. 6. Push the line into the notch, leaving 7 - 12 cm unwound. 7. Insert the line into the the exit hole in the hub as shown in the illustration.*

*8. Align the notch with the line exit hole. 9. Push spool into hub until it snaps into place. STORAGE steps after each use: S Allow engine to cool before storing or transporting. S Store unit and fuel in a well ventilated area where fuel vapors cannot reach sparks or open flames from water heaters, electric motors or switches, furnaces, etc. S Empty fuel tank before storing or transporting the unit. S Store unit and fuel well out of the reach of children. S Store unit with all guards in place. Position unit so that any sharp object cannot accidentally cause injury.*

*WARNING: Perform the following SEASONAL STORAGE Prepare unit for storage at end of season or if it will not be used for 30 days or more.*



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If your unit is to be stored for a period of time: S Clean the entire unit before lengthy storage. S Store in a clean dry area. S Lightly oil external metal surfaces. ENGINE S Remove spark plug and pour 1 teaspoon of 40:1, 2-cycle engine oil (air cooled) through the spark plug opening. Slowly pull the starter rope 8 to 10 times to distribute oil. S Replace spark plug with new one of recommended type and heat range. S Clean air filter. 8 S Check entire unit for loose screws, nuts, and bolts. Replace any damaged, broken, or worn parts.

S At the beginning of the next season, use only fresh fuel having the proper gasoline to oil ratio. OTHER S Do not store gasoline from one season to another. S Replace your gasoline can if it starts to rust. TROUBLESHOOTING TABLE WARNING: Always stop unit and disconnect spark plug before performing all of the recommended remedies below except remedies that require operation of the unit. TROUBLE Engine will not start.

CAUSE 1. ON/OFF switch in OFF position. 2. Engine flooded. 3.

Fuel tank empty. 4. Spark plug not firing. 5. Fuel not reaching carburetor. 6. Carburetor requires adjustment. 1. Carburetor requires adjustment. 2.

Crankshaft seals worn. 3. Compression low. 1. Air filter dirty. 2. Spark plug fouled. 3. Carburetor requires adjustment. 4.

Carbon build-up on muffler outlet screen. 5. Compression low. 1. Choke partially on.

2. Fuel mixture incorrect. 3. Air filter dirty. 4.

Carburetor requires adjustment. 1. Fuel mixture incorrect. 2. Spark plug incorrect. 3. Carburetor requires adjustment. 4. Carbon build-up on muffler outlet screen. REMEDY 1.

Move ON/OFF switch to ON position. 2. See "Starting a Flooded Engine" in Operation Section. 3. Fill tank with correct fuel mixture. 4. Install new spark plug. 5. Check for dirty fuel filter; replace. Check for kinked or split fuel line; repair or replace.

6. Contact an authorized service dealer. 1. See "Carburetor Adjustment" in Service and Adjustments Section. 2.

Contact an authorized service dealer. 3. Contact an authorized service dealer. 1. Clean or replace air filter.

2. Clean or replace plug and regap. 3. Contact an authorized service dealer. 4. Contact an authorized service dealer. 5. Contact an authorized service dealer. 1. Adjust choke.

2. Empty fuel tank and refill with correct fuel mixture. 3. Clean or replace air filter. 4. Contact an authorized service dealer. 1. Empty fuel tank and refill with correct fuel mixture. 2. Replace with correct spark plug.

3. Contact an authorized service dealer. 4. Contact an authorized service dealer. Engine will not idle properly.

@@@The cutting width is 457 mm. @@Texarkana 01- -17 -12Michael S. @@: +1 903 223 4100, Declare under sole responsibility that the McCulloch model TrimMac 210 grass trimmer from serial numbers 2001-305N00001 and onwards, follows the provisions of the DIRECTIVES : 98/37/EC (machinery) and 89/336/EEC (electromagnetic compatibility), including amendments and is in conformity with the following standards: EN 292- 2, prEN 31806 and CISPR 12. SMP, The Swedish Machinery Testing Institute, Fyrisborgsgatan 3 S-754 50 Uppsala, Sweden, has carried out voluntary type approval. The certificate(s) are numbered: SEC/95/284.

Texarkana 01- -17 -12Michael S. Bounds, Director Product Safety and Standards 10 TECHNICAL DATA SHEET MODEL: TrimMac 210 ENGINE Displacement, cm<sup>3</sup> Maximum engine power, measured in accordance with ISO 8893, kW ENGINE ROTATIONAL SPEEDS At maximum engine power Recommended maximum speed Recommended speed idling FUEL AND LUBRICATION SYSTEM Fuel tank volume capacity, cm<sup>3</sup> Fuel consumption at maximum engine power, measured in accordance with ISO 8893, g/h Specified fuel consumption at max. engine power, measured in accordance with ISO 8893, g/kWh WEIGHT Without cutting attachment or shield, empty tank, kg CUTTING ATTACHMENT Cutting head assembly, part number NOISE LEVELS (Octave Band Analysis 100- 10000hz 1/3 Octave) SOUND PRESSURE LEVELS measured in accordance with ISO 7917 Idling, dB(A) Racing, dB (A) SOUND POWER LEVELS measured in accordance with ISO 10884 Idling, dB(A) Racing, dB(A) VIBRATION LEVELS measured in accordance with ISO 7916 FRONT HANDLE Idling, m/s<sup>2</sup> Racing, m/s<sup>2</sup> REAR HANDLE Idling, m/s<sup>2</sup> Racing, m/s<sup>2</sup> YEAR OF CONSTRUCTION: MANUFACTURER'S ADDRESS: 2004 EOPI Italy Via Como 72 Valmadrera, Lecco ITALY I-23868 21 0,5 8000 8000 4000 340 313 782 3,1 #530095968 84 94 92 104 5,4 13,6 4,6 6,3 11 .



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