

# USER MANUAL

## 100proGreen Master Lawn Slitter

Manually operated lawn slitting roller



# **Introduction to the Machine**

The Master Lawn Slitter 88 is a professional manually operated machine designed for slitting the turf and the upper soil layer. Its purpose is to improve soil aeration, support root system development and enhance overall lawn regeneration.

Thanks to the combination of 88 stainless steel blades, central working depth adjustment and a split transport roller, the machine is suitable both for demanding private users and for professional gardeners, sports ground keepers and landscaping companies.

The Master Lawn Slitter 88 provides gentle yet highly effective penetration of the turf without excessive damage to the sod. The result is faster regeneration, improved water and nutrient absorption and a denser, healthier lawn.

## **1.1 Purpose and Intended Use**

The purpose of the Master Lawn Slitter 88 is mechanical lawn slitting using a rotating cylindrical unit equipped with stainless steel blades. Slitting creates narrow, clean cuts in the turf and soil, which significantly improve oxygen supply to the root zone.

The machine is intended primarily for spring and autumn lawn regeneration, improving water infiltration and reducing surface runoff, limiting the formation of thatch, supporting deeper and stronger root growth, and preparing the lawn for aeration or topdressing.

Thanks to the adjustable working depth of up to 6 cm, the intensity of treatment can be adapted to the current condition of the lawn and seasonal requirements.

The machine is intended exclusively for use on grassed areas. It is not suitable for operation on hard surfaces such as concrete, asphalt or paving.

## **1.2 Assembly and Commissioning**

The Master Lawn Slitter 88 is supplied fully assembled. Before first use, several basic steps must be completed to ensure safe and correct operation.

First, install the selected Multifork Pro handle. The handle is inserted into the prepared holder and secured using the supplied fastening components.

Before starting work, check the free rotation of the blade roller, the tightness of all connections, the correct working depth setting, and the proper securing of the transport roller.

After setting the working depth and checking all safety elements, the machine is ready for immediate operation.

## **1.3 Working Depth Selection**

The Master Lawn Slitter 88 features a central mechanism for adjusting the cutting depth in a range of approximately 0–6 cm. The depth should always be selected according to the lawn condition and soil characteristics.

Shallow slitting (approximately 2–3 cm) is suitable during the growing season and summer months. Deeper slitting (up to 6 cm) is recommended mainly in spring and autumn when sufficient moisture is available and regeneration is faster.

## **Blade Roller Adjustment**

To ensure proper functionality of the Master Lawn Slitter 88, the blade roller must be set into its working position.

First, support the blade shaft with suitable material, such as a wooden block, to prevent damage to the blades or bearings during handling. Then remove the two M10 mounting bolts that secure the blade roller in the transport position.

Next, slightly tilt the machine, move the blade roller from the opposite side of the frame into the working position and refasten it using the same M10 bolts. After tightening, check that the roller rotates smoothly and without resistance.

## **Working Depth Adjustment**

The cutting depth can be continuously adjusted according to lawn condition and the desired effect.

Before adjustment, remove both transport bolts that secure the height adjustment mechanism during transport. Then use the supplied T-handles to set the required cutting depth. Always adjust symmetrically on both sides to ensure even contact of the blade roller with the ground.

For first-time use or sensitive lawns, it is recommended to start with a shallower depth and gradually increase it depending on the lawn's response.

## **Additional Weight**

When working on dry, hard or heavily compacted soil, the machine's effectiveness can be increased by adding extra weight.

The weight is placed into the designated area on the machine frame. Always use the supplied protective mat before placing weights to protect the structure. The maximum permissible additional load is 35 kg and must not be exceeded to avoid damage to the machine or excessive stress on the blade roller.

## **Safety Instructions**

The blade roller of the Master Lawn Slitter 88 is sharp and can cause serious injury if handled improperly. Protective gloves must always be worn when handling, adjusting, cleaning or servicing the blade roller.

Do not operate the machine on hard surfaces such as concrete, asphalt or paving, as this may damage both the blades and the frame. Before starting work, always inspect the working area and remove stones, branches or other solid obstacles.

## **Maintenance and Care**

Regular maintenance is essential for long service life and proper operation. After each use, thoroughly clean the blade roller from grass and soil residues. Use a brush or water for cleaning and always dry the machine afterward.

To protect against corrosion, it is recommended to treat the blade roller with a suitable protective oil after cleaning. Store the machine in a dry, well-ventilated area, protected from moisture.

## **Technical Specifications**

Model: Master Lawn Slitter 88

Working principle: Lawn slitting

Working depth adjustment: Continuous, mechanical

Blade roller: Steel, replaceable

Maximum additional load: 35 kg

Application: Professional and private lawn care

## **Warranty and Service**

The Master Lawn Slitter 88 is covered by a 24-month warranty from the date of purchase, provided it is used in accordance with this manual.

The warranty does not cover normal wear of working parts or damage caused by improper use or failure to follow the manufacturer's instructions.

## **Contacts**

100proGreen