

# Rolawn<sup>®</sup>

Britain's Finest Turf

## **TURFMASTER<sup>®</sup>**

### **Laying Equipment Guide to Use and Assembly**



## SECTION 1—COMPONENTS

Rolawn Turfmaster® laying equipment consists of the following components:

1. Front wheel assembly	10.5kg
2. Handle assembly with securing bolt	6.0kg
3. Securing pin for front wheel and handle assembly	-
4. Wheel assembly (Qty 2)	11.5kg
5. Axle Securing pins (Qty 2)	-
6. Main frame	23.0kg
7. Dumbbell (Two part turf insert)	1.75kg
<b>Total</b>	<b>63.00kg</b>



## SECTION 2—TECHNICAL DETAILS

Height .....	90cm	Turning Circle	122cm
Width .....	122cm	Rear tyre size	50.8 x 25.3 x20.4cm
Length .....	112cm	Front tyre size	32.5 x16.3 x 15cm
Weight .....	60kg	Tyre pressure	1.3 Bar

## SECTION 3 —MAINTENANCE

Rolawn Turfmaster® laying equipment will give many years of use if the following instructions are carried out at the intervals detailed.

### TYRES AND WHEELS

Daily before use check:

- Tyre pressure
- Tyres for wear and cuts
- Wheel nuts are secure and all present.



### OIL AND GREASE POINT

- Grease front wheel pivot point every 10 working hours
- Smear grease on bend of Turf Hook (this allows the rolls of turf to run freely).
- Oil Turf Hook swivel point.



**AT THE END OF DAILY USE CHECK TURFMASTER® LAYING EQUIPMENT FOR ANY LOOSE OR SHREADED NUTS/BOLTS AND EITHER TIGHTEN OR REPLACE.**

## SECTION 4—ASSEMBLY

**Step 1** Position rear wheel assemblies adjacent to axle inserts on main frame. Push each wheel assembly in turn into axle slot in main frame and secure with pins. Ensure pins are locked.

**Step 2** Place handle into front wheel assembly and secure with bolt (if handle is not already attached). Position front wheel and handle assembly at the front of the main frame. Ensure spring is on pivot point and lift main frame onto front wheel and handle assembly. Secure with pin and ensure pin is locked.



**ENSURE THAT THE PIVOT PIN IS LOCATED INTO THE GROOVE ON THE MAIN FRAME (THIS STOPS THE FRONT WHEEL ASSEMBLY AND HANDLE FROM ROTATING WHEN IN THE AIR).**

**Step 3** Check security of all nuts, bolts and pins. Check smooth running of Turfmaster® laying equipment.

**TO STRIP DOWN TURFMASTER® LAYING EQUIPMENT ACTIONS ARE THE REVERSE OF THE ABOVE.**

## SECTION 5 - OPERATION

1. Place the Dumbbell (two part turf insert) into the roll of turf.
2. Check for the turf roll size. If the roll is 13m<sup>2</sup> ensure the turf hooks are in the top hole position. To change the position of the hooks, undo the turf hook securing bolts (24mm spanner), alter the position and secure the turf hook securing bolts.
3. Push the Turfmaster<sup>®</sup> laying equipment into position by the roll so that the pins, (which secure the roll of turf) when removed allow the starting edge of the turf to fall away from the Turfmaster<sup>®</sup>.
4. Pick up frame using the handles located on the main frame and the steering handle.
5. Push Turfmaster<sup>®</sup> laying equipment forward and position hooks under dumbbell in the roll of turf. Pull the Turfmaster<sup>®</sup> laying equipment back slightly and check that both turf hooks are engaged in the dumbbell. If they are not engaged tilt forward again and alter position so that the hooks do engage.
6. Step back pulling the steering handle back and down and allow all three wheels to rest on the ground. If necessary place your foot on the rest to give extra leverage.
7. Check to ensure that the roll of turf is clear of the ground. If the turf is not clear of the ground then the turf hooks are in the wrong position. Lift the Turfmaster<sup>®</sup> laying equipment back up, remove hooks from dumbbell and alter position of the turf hooks as described in paragraph 2. Refit roll of turf (paragraph 3 to 7).
8. Pull Turfmaster<sup>®</sup> laying equipment with the roll of turf to starting position.
9. Remove securing clips on roll of turf and place edge of turf at starting position. Use the clips removed from the roll to anchor the starting edge of the turf into the ground. Hold handle and walk backwards slowly pulling the Turfmaster<sup>®</sup> laying equipment, remembering to remove the white stabilising netting as you go.
10. When all the turf on the roll has been laid remember to **REMOVE THE ANCHOR CLIPS FROM THE GROUND**. If they are left in they will damage the mower when the grass is cut.
11. Pull Turfmaster<sup>®</sup> laying equipment to the next roll to be laid. Remove dumbbell from turf hooks and remove plastic insert before placing dumbbell into next roll of turf.
12. The Turfmaster<sup>®</sup> laying equipment is now ready for the next roll of turf.



## SECTION 6 - HEALTH AND SAFETY

### PLEASE NOTE TURFMASTER<sup>®</sup> LAYING EQUIPMENT IS NOT FITTED WITH BRAKES

1. Turfmaster<sup>®</sup> laying equipment should not be left on slopes unattended.
2. If Turfmaster<sup>®</sup> laying equipment has to be left on a slope then all the wheels should be suitably and adequately blocked to stop the machine from rolling down the hill.
3. If working on a slope then the ideal method is to pull the machine up the hill. This will allow for greater control of the machine.
4. If laying turf across a slope it is recommended that the slope is no more than 10 degrees.



### WEIGHTS

5. The weight of a roll of turf can vary considerably. Factors to be taken into consideration are:-
  - a) Length of roll
  - b) Thickness of turf
  - c) Wet or dry turf
6. A roll of turf can weigh between 250 and 400 kilos. This with the weight of machine could be as high as 460 kilos.

### MACHINE SAFETY

7. Ensure all pins are in place and secure before use.
8. When fitting rolls ensure that when you tilt the Turfmaster<sup>®</sup> laying equipment the pivot securing pin is located in the groove on the pivot to stop the front wheel and handle assembly rotating.
9. After use check the security of all nuts, bolts and pins. Replace or repair damaged parts.
10. Carry out all maintenance requirements



## Rolawn Turfmaster® System

Rolawn's patented Turfmaster® System combines Rolawn turf in a large roll format with specialist, easy to use laying equipment. This enables rapid laying, giving significant labour savings on sizable projects.

### Key Benefits

- Labour costs are reduced as turf can be laid quicker.
- Less joins means improved appearance and quicker establishment.
- Less joins means less edges to risk drying out, therefore more water efficient

### Applications

- Sports pitches
- Sizable lawns
- Public open spaces
- Golf Courses

## Rolawn Turfmaster® Laying Equipment

Turfmaster® manual and tractor mounted equipment allows rapid laying, giving significant labour cost savings. Rolawn Turfmaster® laying equipment is available on free loan. Laying equipment must be requested at the time of ordering Turfmaster® rolls. A deposit will be charged, fully refundable on return of equipment.

Motorised laying equipment is available for purchase from specialist manufacturers.

*Please note Rolawn Turfmaster® rolls have netting around the turf at the point of harvesting. This stabilises the rolls during transit and must be removed by hand as the turf is laid. The equipment will be subject to Rolawn's General Conditions of Sales and Supply.*



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