

Transportation Safety Division

## Roller Tamper Cart RTC-3

# 3M™ Stamark™ Pavement Marking Tapes

Information Folder RTC-3 Roller Tamper Cart

November 2020

### 1 General Explanation

The 3M™ Roller Tamper Cart RTC-3 is intended to be used to tamp 3M™ Stamark Pavement Marking Tapes to conform it properly to the road surface and ensure good adhesion

Weight and Dimensions:

Length: 150 cm

Width: 36 cm

Height: 82 cm

Total weight: 90 kg



### 2 Assembly Instructions

- Remove packaging from all component parts.
- Screw out the handle bar fixing screw
- Mount the handle bar
- Adjust the height of the handle bar into an ergonomic position and tight it with the fixing screw
- Mount the weight set carefully

## 3 Operation

After the Stamark™ Pavement Marking Tape has been applied in the proper position on the road surface, tamp the tape thoroughly by using the Roller Tamper Cart RTC-3. Hand-applied Tape, block markings and pre-cut symbols need to be pre-tamped with the RTC-3 tamper without the additional weights (30kg) to avoid wrinkles. For blocks and symbols: Start in the center of the marking, then work towards the edges to remove trapped air. Regular tamping must be done with the RTC-3 tamper with a load of 90kg. Tamp the tape by rolling slowly over it. Tamp always in the same direction the tape has been applied and make sure the edges are well adhered.

- Do not twist or turn the tamping device on the tape
- Make three passes back and forth over each part of the tape
- Move the RTC-3 slowly (4-5 km/h) over the tape

The pressure sensitive adhesive used on Stamark™ Pavement Marking Tape requires thorough tamping to ensure good adhesion to the road surface.

Tamping is most important!

After tamping the tape application is finished and the road can be opened for traffic.

## 4 Maintenance

Check and clean the silicone roller regularly. Use silicone spray on the roller for Inlay Application to avoid Bitumen built up. Lubricate Bearings if needed.

## 5 RTC-3 Spare Parts

Spare parts can be ordered directly at the machine manufacturer. Please contact your 3M representative for further information.

## 6.1 Health and Safety Information

### Precautions:

Wear safety shoes and appropriate gloves while handling and using the Roller Tamper Cart.

Read all health hazard, precautionary and first aid statements found in the Material Safety Data Sheet (MSDS), and/or product label of chemicals prior to handling or use.

## 6.2 Disclaimer

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## 9 Literature References

For additional information on 3M™ Stamark™ Tapes, Application Instructions or 3M™ Application Equipment, refer to the following publications:

PB A380      Product Bulletin 3M™ Stamark™ A380 High Performance Tape  
 IF OV        Information Folder Overlay application Procedure for 3M™ Stamark™ Pavement Marking Tapes

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