



metreel

**EARTH BONDING
REELS (SE150)**

www.metreel.co.uk



EARTH BONDING REEL (SE150)

The Metreel Earth Bonding Reel is designed to reliably prevent the build-up of static electric charge generated during the transfer of gases, liquids or powders from tankers which could otherwise result in spark hazards.

Installation & Operation

The reel, which is fixed to the chassis or frame of your equipment, is self-retracting and carries up to 40m of high conductivity copper braided cable.

The spring and stop-catch mechanism allows the cable to be pulled out and relaxed at any desired position, an extra pull being all that is required to start the reel rewinding.

A heavy duty universal spring clamp completes the circuit to the other vehicle or structure and ensures that both are at common potential.

Construction

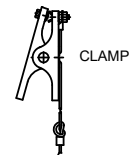
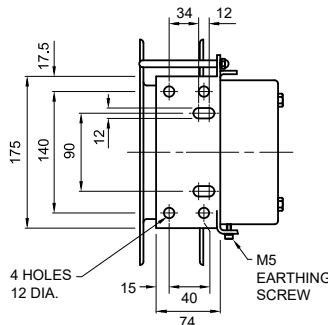
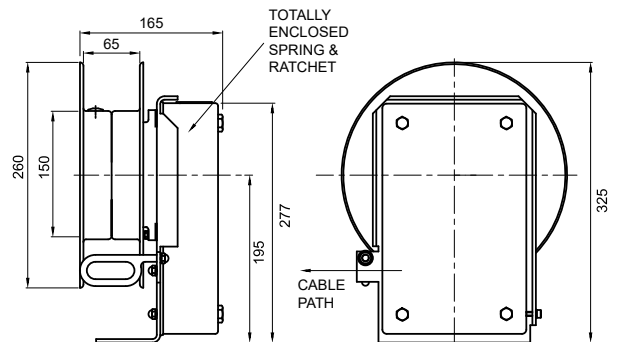
The Metreel Earth Bonding Reel is constructed of heavy gauge steel components which are zinc plated as standard. Further protection using powdercoat paint can be applied if required.

A safety stop prevents over winding or back winding of the spring which gives increased spring life. The spring and stop-catch mechanism are completely contained within a sealed housing preventing damage and failure caused by road dirt and salt spray.

Fitted as standard with a “sloback” mechanism to ensure controlled recovery speed of cable for maximum safety of operator and to virtually eliminate risk of damage to reel and spring caused by uncontrolled reeling.

Features

- ◆ Totally sealed spring and stop-catch prevents ingress of road dirt and water.
- ◆ Stopcatch mechanism allows reel to be mounted in any position.
- ◆ Complete with PVC sheathed braided copper cable, rubber bump stop and heavy duty spring clamp.
- ◆ Total earth path resistance 0.25Ohm.
- ◆ Reel mechanism tested to -40°C. Standard cable suitable for -19°C. Special cables for lower temperatures available on request.
- ◆ Hand rewind version also available.



Weight 12.5kg (Incl. 36m Cable)

MOD Approved Design
 Nato Number.
 7MTE/4930-99-215-0191