



# metreel

**EARTH BONDING  
REELS (SE150)**

[www.metreel.co.uk](http://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

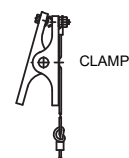
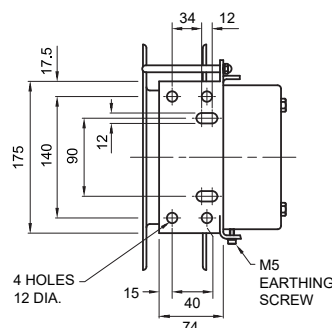
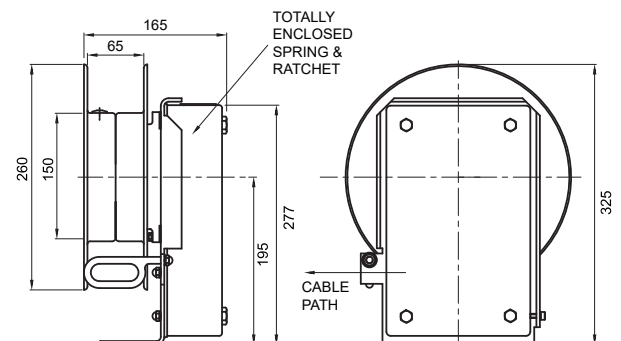
The Metreel Earth Bonding Reel is constructed of heavy gauge steel components which are zinc plated as standard. Further protection using powdercoat paint can be applied if required.

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 -20°C. Standard cable suitable for -19°C.
- ◆ Hand rewind version also available.



Weight 12.5kg (Incl. 36m Cable)