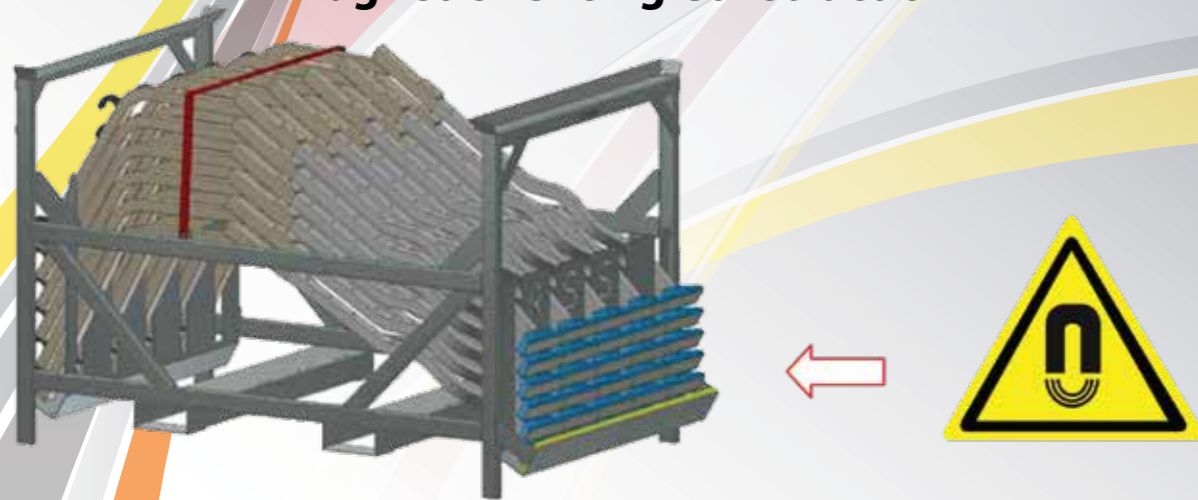
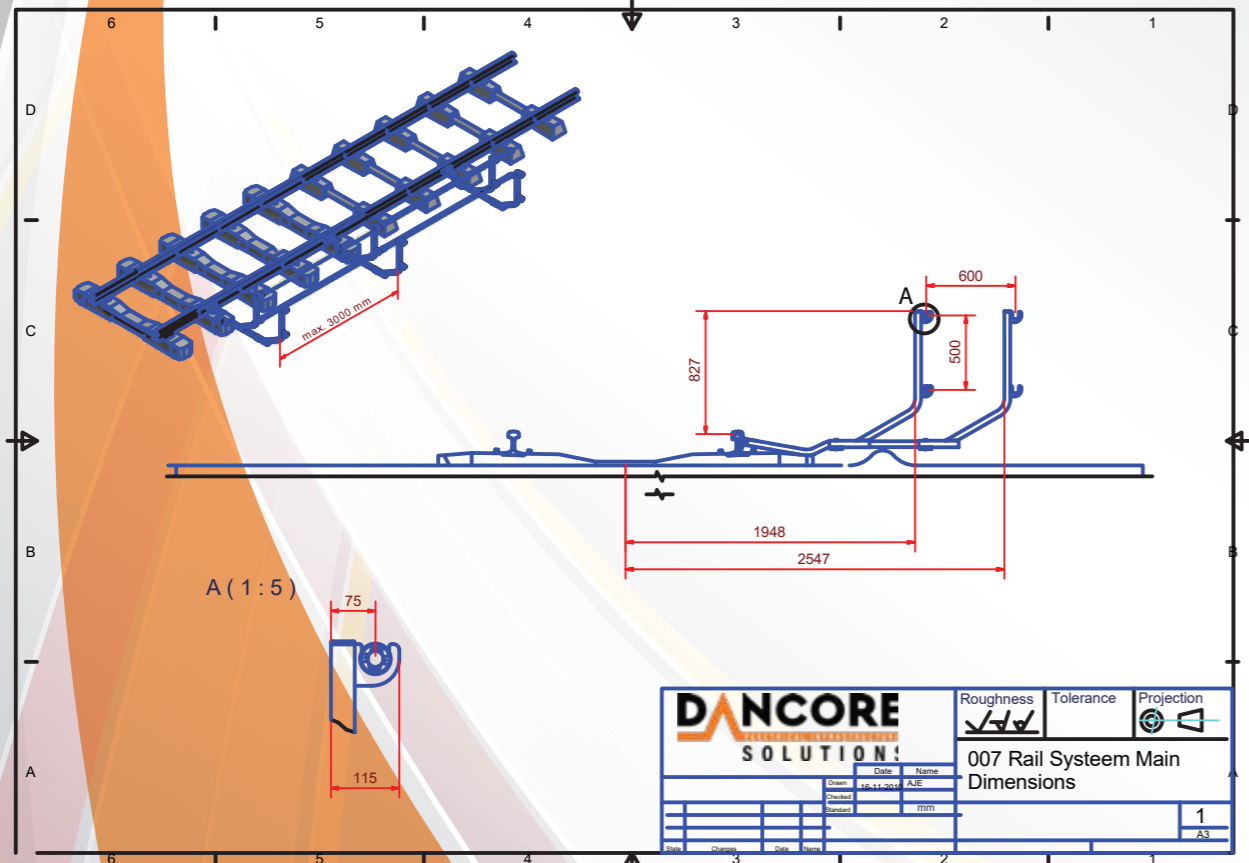


Magnetic Fencing Construction



After dismantling the stanchions from the track, they must be placed in the transport containers.

Place the socket screw between the fixed and adjustable stanchions in the fifth hole (distance 2.35 metres from centre of track) for optimum storage in the transport container. (Frame weight 160 kg, frame weight including stanchions 410 kg)



Complete Electrical Infrastructure Solutions

DANCORE SOLUTIONS ABN 91 618 373 247

OFFICE & ACCOUNTS : Unit 15/46-48 Abel Street Jamisontown NSW 2750 Australia

P: 0411 463 615 e: info@dancoresolutions.com

DANCORE

ELECTRICAL INFRASTRUCTURE SOLUTIONS

MAGNETIC RAIL FENCING

Maximum safety for working on railway tracks

It is easy to install or remove. Safe, easy and quick

Safety for the workers is always the top priority when carrying out work on the tracks. A solid barrier ensures that the tracks where trains are running are cordoned off by a safety barrier.

The special feature of the barrier is that using a strong magnet it is very easy and quick to install.

The magnetic barrier maximises work time by rapidly establishing a safe work area.

BENEFITS

- Increased safety as unintentional walking on the adjacent track is excluded
- Saving time and costs
- No damage to ballast bed and no change to standard ballast profile or to resistance to lateral displacement
- Easy and efficient storage and transportation

FEATURES

- Fixed barrier, also with switches
- Quick and easy installation and removal
- Magnetic fixing (pulling force up to 600 kg)
- Transport and storage frame
- Plastic tube of 3 m with a diameter of 48 mm
- Weight of the tube 4.0 kg
- Weight of the holder 8.0 kg



For more information regarding hiring please contact Michael Daniel on **0411 463 615**



Magnetic Fencing Construction

NB: This system is NOT designed to be used in situations where a 'third rail' is present.

Building

Place 1st stanchion with magnetic head into the web of the rail as close to the sleeper as possible, so that the stanchion can be supported on the sleeper after lowering the stanchion into position.

It is not essential to use a sleeper for support; the barrier can rest on the ballast. However, using the sleepers as a support ensures that the handrails are level after construction, and is more aesthetically or visually pleasing. Then place a 2nd stanchion not further than 3 metres of the 1st stanchion and place 2 handrail tubes in the clamping blocks.

It is suggested that when building a length of barrier, that the transport frames containing the stanchions and handrails, are placed somewhere near the middle of the length to be protected. You can then build in both directions and save time and effort in walking the components to the track.



1. Place the stanchion in the web of the rail and make sure it is supported by the sleeper. Ensure that the tube of the stanchion is in a vertical position. Remove coarse soiling between the magnet and the rail. The stanchion must be freely supported on the sleeper.

Building 2nd Stanchion

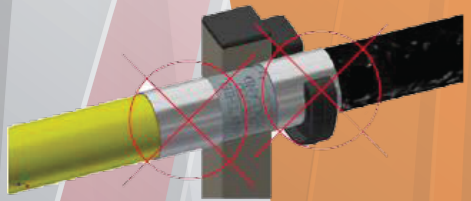
2. Place the 2nd stanchion at a distance of approximately 3 metres from the 1st stanchion, but not more than 3 metres.

Placing Tubes

3. Place the tubes and clamp them into the clamping blocks.

PROHIBITED!

4. Placing the steel rings (including the indentations on the tubes) in the clamping block is not permitted.



Magnetic Fencing Construction

The clamping block are sufficiently robust to hold the handrail tubes under normal circumstances. However, if the barrier is intended for 'long-term' use, then it is advisable to secure them in the clamping block with a tie-wrap, which can easily be cut –off when dismantling the barrier

Extending System

5. Place the next stanchion within 3 metres, connect the tubes to one another using the bayonet and clamp the tube into the clamping blocks.
6. Repeat steps 2, 3 and 5 to lengthen the system.

Mounting Tubes

After pressing in, turn a quarter rotation clockwise.
Dismantling tubes:
First turn a quarter rotation anticlockwise and then pull out.

Dismantling The System

7. Dismantling takes place in the reverse order. Remove tie-wraps, then lift and turn the tubes to remove them from the clamping blocks.
8. To dismantle the stanchion, lift it vertically towards the rail, until the magnet releases from the rail and then pull it away.

Prohibited!

9. Trying to pull the stanchion away from the rail sideways is not possible or recommended. This will only result in damage to the equipment..

