

Aluminium TRI with Rotating Arm

- Safe operations
- Minimal disruption to travelling public
- Smaller foundation size needed



Rotating TRIs enable safe operations

Maintaining traffic signals on busy, multi lane carriageways is a costly, disruptive and potentially dangerous operation. A rotating mast arm can improve the safety of operatives whilst minimizing disruption to the travelling public.

Manufactured from Aluminium it is lighter in construction than traditional solutions and is therefore quicker and easier to install and benefits from a smaller foundation size than existing options.

Operation of rotating mechanism is a one-man operation with an internal winch being located in a separate door compartment at ground level.

Local technical support available in the UK.

In compliance with standards and regulations:

- Design and calculations in accordance with the British Standard BS-EN1090

Installation options :

- Planted in the ground in concrete
- Retention socket with anti-rotation design

TRI with Rotating Arm

TRI with Rotating Arm configurations*

Height shaft (in m)	Base diameter x wall thickness (in mm)	Arm length / diameter (in mm)	Base diameter x wall thickness (in mm)	Length ground Piece (in mm)	Foundation type
4 - 6	250 x 10	4 - 8	250 x 4	Adapted to existing foundation in accordance with the norm.	Soil or Rigid**

*Other types on demand

**For UK all classes are valid for Soil AND Rigid, see foundation disclaimer.pdf



Technical characteristics:

- Seamless tube made of aluminium extrusion;
- Alloy EN AW6060 T66;
- 100% recyclable;
- Flush fitting door with anti-tamper door locks (Alulock or Hexpin);
- Top door to accommodate the rotating equipment, dimension 400 x 100 mm;
- Lower door to accommodate electric equipment, dimension 400 x 100mm;
- Complete with mounting rail (2x M6 slip nuts + 1x M8 earth nut) and mounted wooden backboard;
- Extra earth nut M8 at the inside of the door;
- Arm fitted with PE end cap;
- Root section protected with corrosion protective grey tape + Ground Level protector;
- Cable entry slot incl. protection cap; (for installation with soil or concrete backfill material)
- Surface brushed finish.

Hydro is not liable for incomplete or incorrect information provided on this product sheet.