

Turnstiles:

Mantrap



Manufacturers and Distributors of
Physical Access Control Equipment
and Biometric Systems



10 -year Warranty on all our turnstile mechanisms
- Excluding electronics



Excellence through security engineering

Turnstile: Mantrap

The iMAT Mantrap Turnstile Unit provides dual-purpose security. Individuals are contained within the mantrap, where biometric access control devices are installed for identity verification. Access through the unit is required to enter the premises. Its robust, impenetrable design effectively eliminates unauthorised entry into restricted areas.

Features:

- Bi-directional
- Unmanned with a high degree of security.
- Control of staff movement.
- Control of entrance and exit.
- Safety configuration for power failure and/or emergency.
- Adjustable transactional timeout.
- Smooth mechanical operation.
- Tamper proof design.
- Random search (Optional)
- Battery Back-up (Optional)
- Biometric access control interchangeable.

Designs and finishes:

- Available in four arm option only.
- Available in Mild Steel, Epoxy poxy power coated or stainless-steel option.
- Available in double option.
- Turnstile completed with logic board and transformer.

Contact us:

021 556 3866 - Cape Town

011 975 6400 – Johannesburg

031 942 3437 – Durban

Email:

info@imat.co.za

Website:

www.imat.co.za



Excellence through security engineering

Applications:

- ✓ Corporate facilities.
- ✓ Government facilities
- ✓ High security facilities

Technical Specifications:

Power:	220v AC, 50/60Hz
Battery Backup:	2x 12V lithium batteries
Operating:	Electro/mechanical
Turnstile Dimensions:	See Drawing
Safety features:	Optional fail lock/ fail safe mechanism, fire alarm integration.
Environment:	Indoor and outdoor
Accessories:	- Reader boxes. - Push – buttons. - Coin accepters. - Random search selector (available on request)
<u>Finishing options:</u>	- Mild steel powder coated - Mild steel hot dip galvanized. - Mild steel hot dop and powder coated. - 304 stainless-steel brushed.
Installation requirements:	Solid concrete base.

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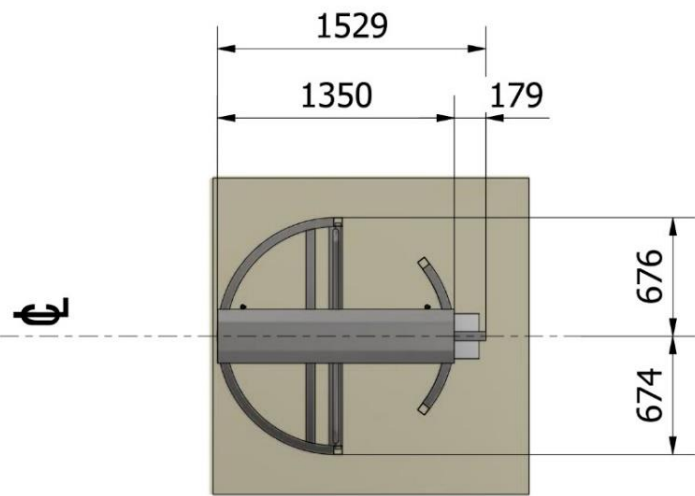
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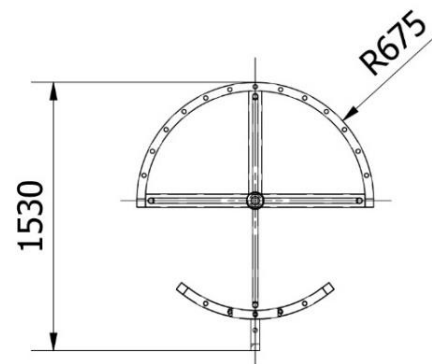
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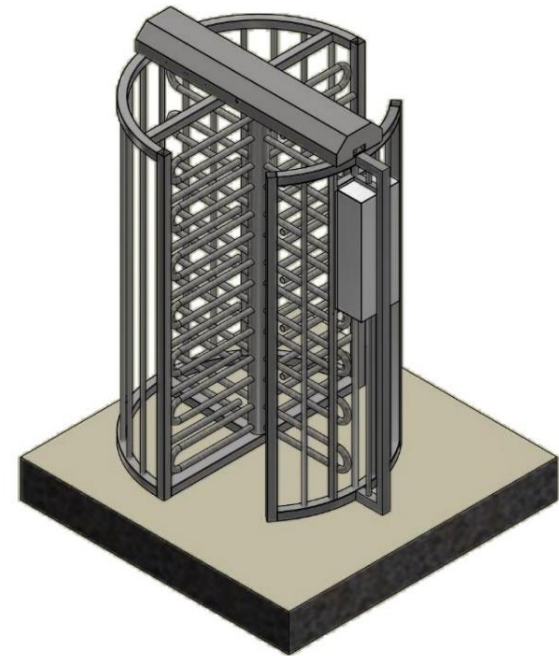
Drawing: Single Mantrap



TOP VIEW



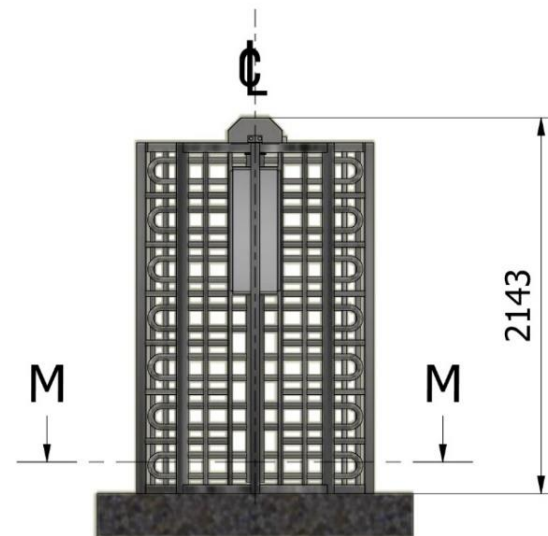
SECTION M-M



ISOMETRIC VIEW



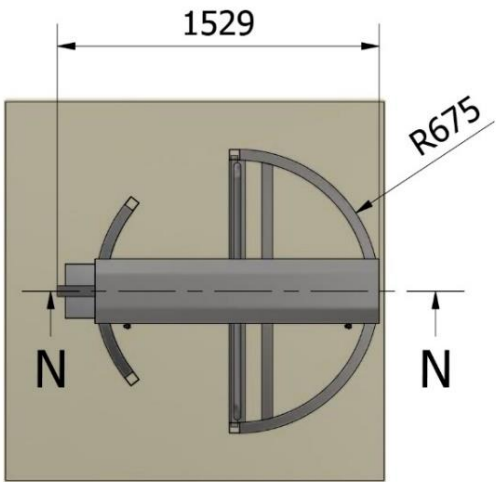
FRONT VIEW



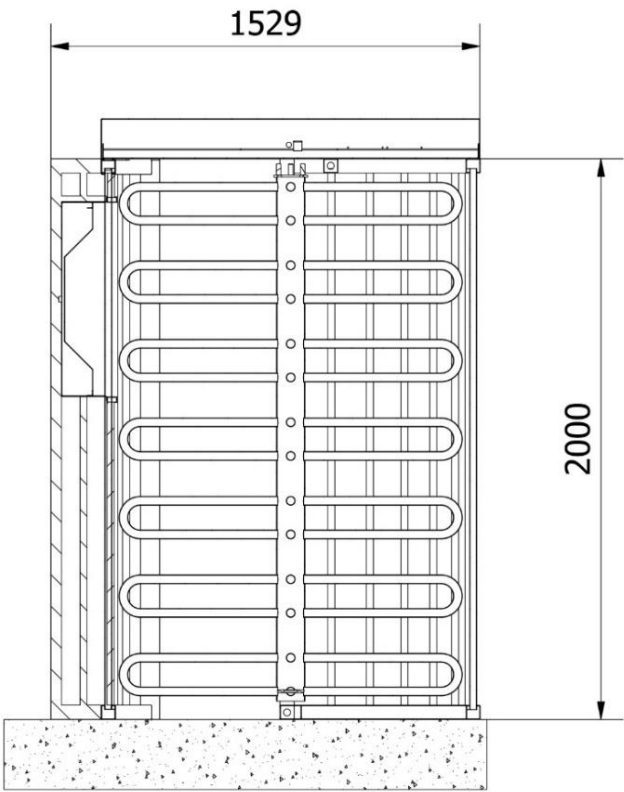
REAR VIEW

Drawn by DRAWINGS 3	Date 2021/05/13	Part Number SINGLE MANTRAP 2021	Material	Treatment	Scale N.T.S.
	www.imat.co.za info@imat.co.za	Description .	Revision 2		Size Sheet 1 / 2

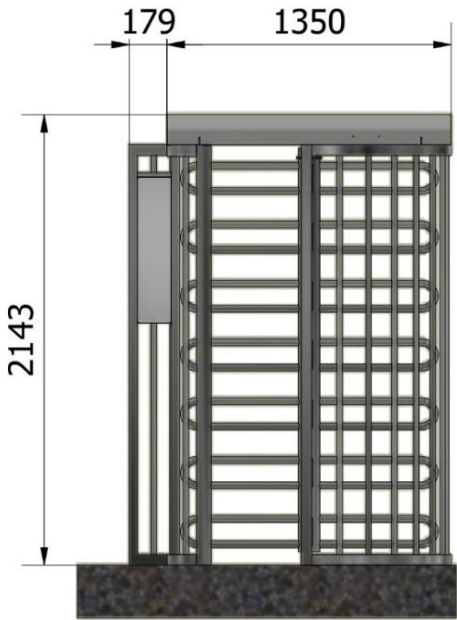
Drawing: Single Mantrap



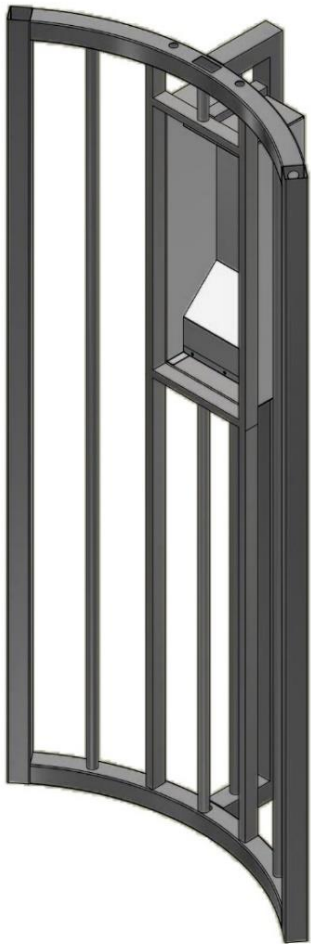
TOP VIEW



SECTION N-N

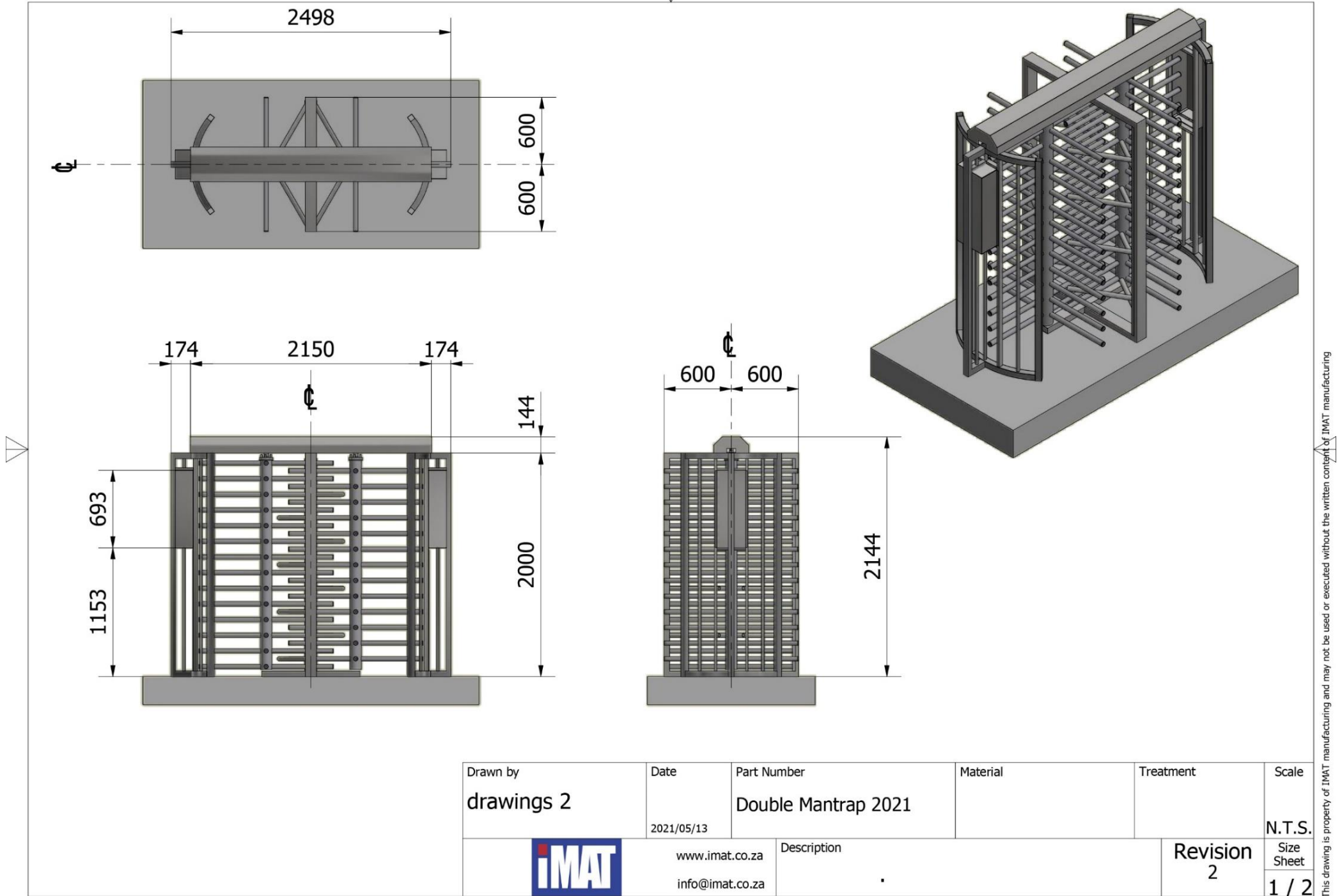


FRONT VIEW

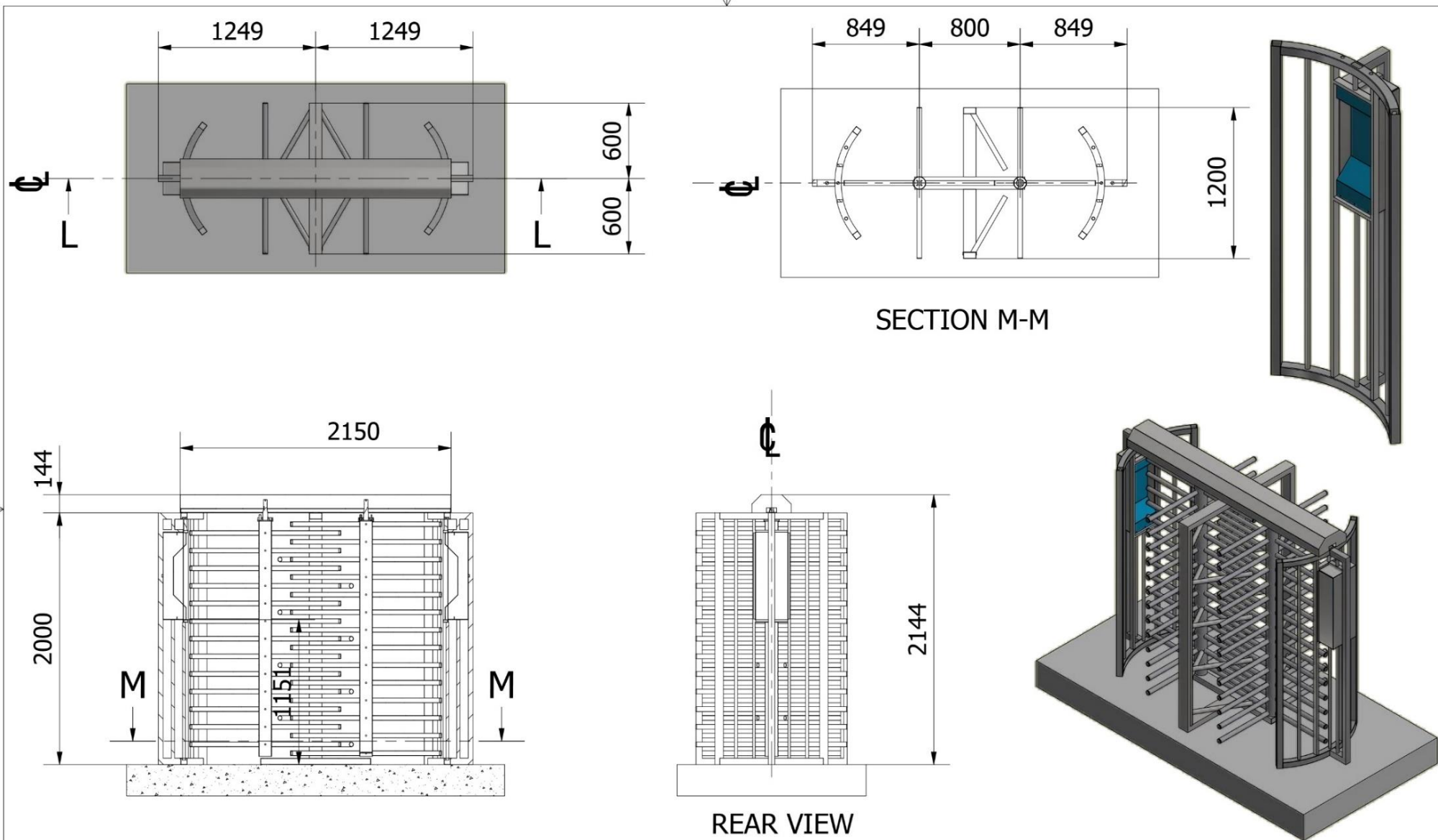


Drawn by DRAWINGS 3	Date 2021/05/13	Part Number SINGLE MANTRAP 2021	Material	Treatment	Scale N.T.S.
	www.imat.co.za info@imat.co.za	Description .	Revision 2 05/05/2021		Size Sheet 2 / 2

Drawing: double Mantrap



Drawing: double Mantrap



Drawn by drawings 2	Date 2021/05/13	Part Number Double Mantrap 2021	Material	Treatment	Scale N.T.S.
		www.imat.co.za info@imat.co.za	Description	Revision 2	Size Sheet 2 / 2