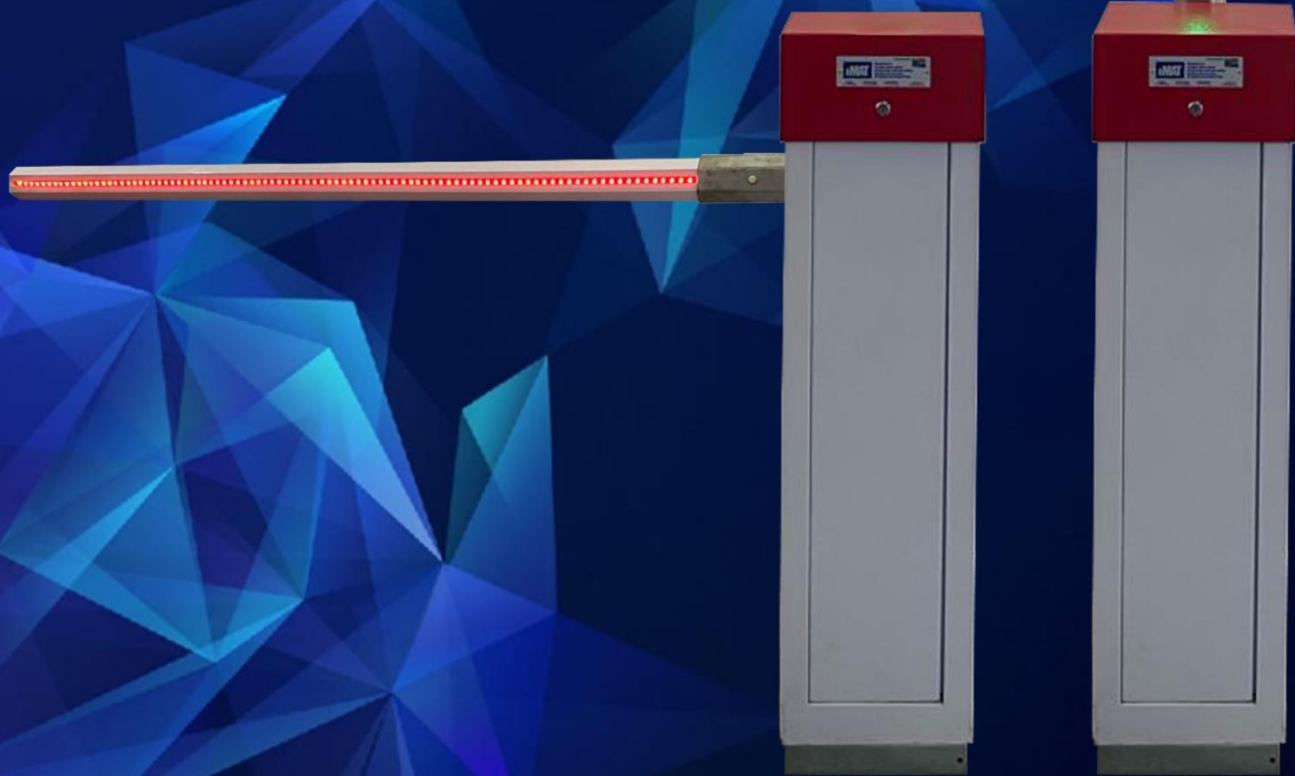




Manufacturers and Distributors of
Physical Access Control Equipment
and Biometric Systems

Automatic Vehicle Barriers: LED 24V Brushless DC



2-year Warranty on all vehicle barriers
- Excluding electronics



Excellence through security engineering

Automatic Vehicle Barriers: LED 24V Brushless DC

iMAT LED vehicle barriers are the ideal solution for controlled vehicle access. Our high-speed LED vehicle barriers are renowned for efficiently handling high traffic flow whilst remaining low maintenance.

Description:

The housing is manufactured from mild steel or stainless steel - various colours of epoxy coating available on request. The motor and mechanism are situated inside the barrier housing, which is accessed through the door and lockable lid. Both logics and loop detectors are in the top of the barrier for easy programming and setup. A separate mounting base, hot dip galvanised, for easy installation and corrosion protection.

Mechanism:

Robust precision mechanism and gearbox with sealed bearing is fitted with a 24V brushless DC motor for reliable continuous operation and secure locking. The motor and mechanism are combined as one and is maintenance free. Programmable opening speed as low as 1.5 seconds for shorter barrier arms.

CONTACT US:

Website:

www.imat.co.za

Email:

info@imat.co.za

021 556 3866 - Cape Town

011 975 6400 - Johannesburg

031 942 3437 - Durban



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Features:

- Separate galvanised mounting base for rigidity, rust prevention on ground surface, ease of installation and maintenance.
- In the event of a power failure, the barrier will continue normal operation while battery back-up takes over.
- The logics are compatible with all access control systems.
- Red and green illuminating strip.
- A Pole designed to hold LED strip.
- Comes standard with two 12V lithium batteries. (Priced accordingly)

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Application:

- ✓ Transit facilities.
- ✓ Industrial facilities
- ✓ Corporate facilities
- ✓ Government facilities
- ✓ Military facilities
- ✓ Residential complex
- ✓ Tollgates
- ✓ Transport companies and warehousing.
- ✓ Parking
- ✓ Traffic management

Optional:

- Traffic lights
- Remotes
- Safety beams
- Radar

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Technical Specifications:

Input voltage:	110/220V $\pm$ 15% @ 50/60Hz.
Power supply:	24V DC 10A
Battery Backup:	2 x 12V 7AH Lithium Ion
Motor:	24V 5A Brushless DC, 120W, 1400RPM
Operating Temperature:	-35 to +85°C
Barrier arm length:	3m – 6m
Opening speed:	1.5 - 6seconds
Operation cycles:	1 million
Collision detection:	BLDC imbedded hall sensors
Safety:	External dual channel loop detector, Infrared beam sensors, Radar.

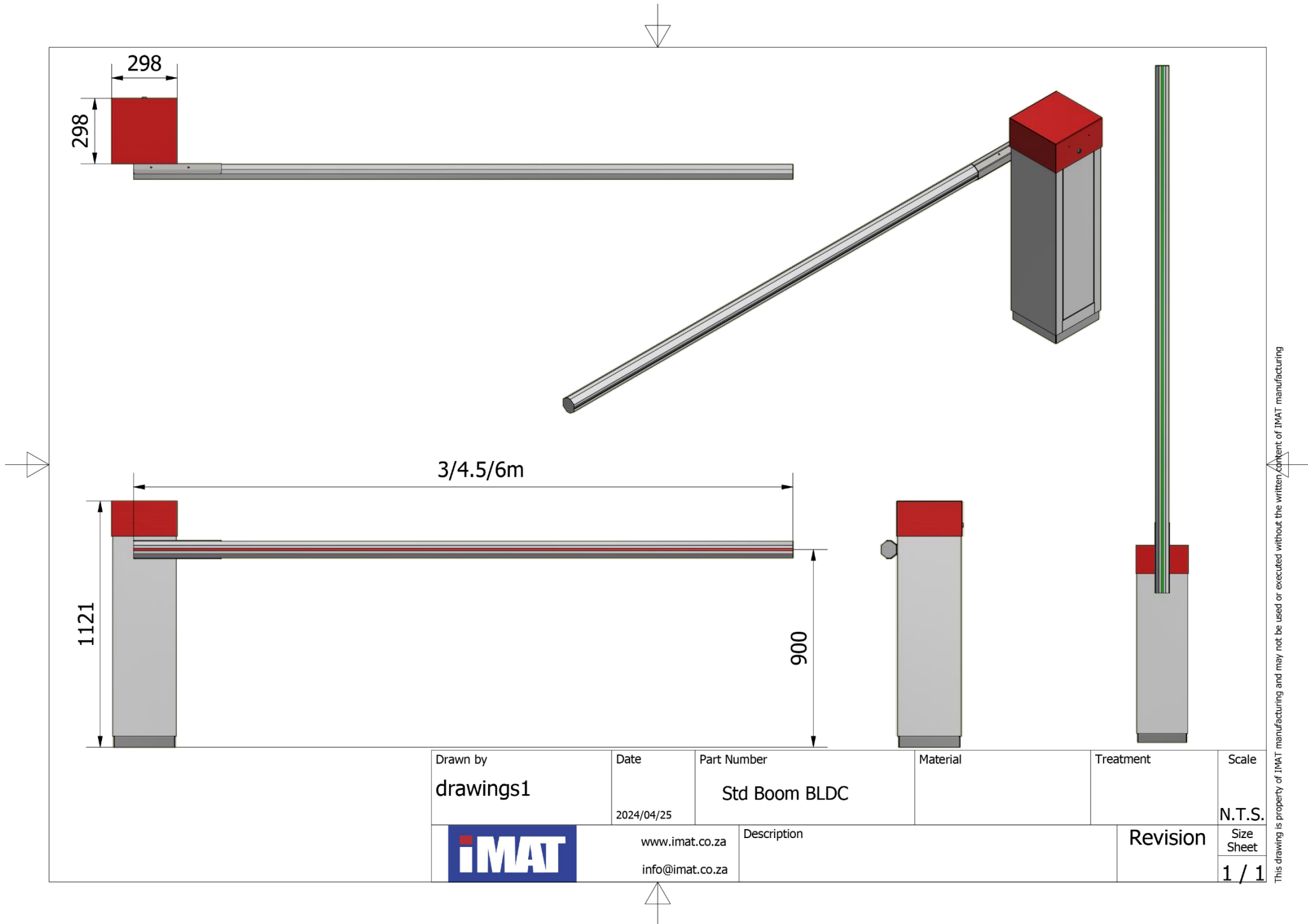
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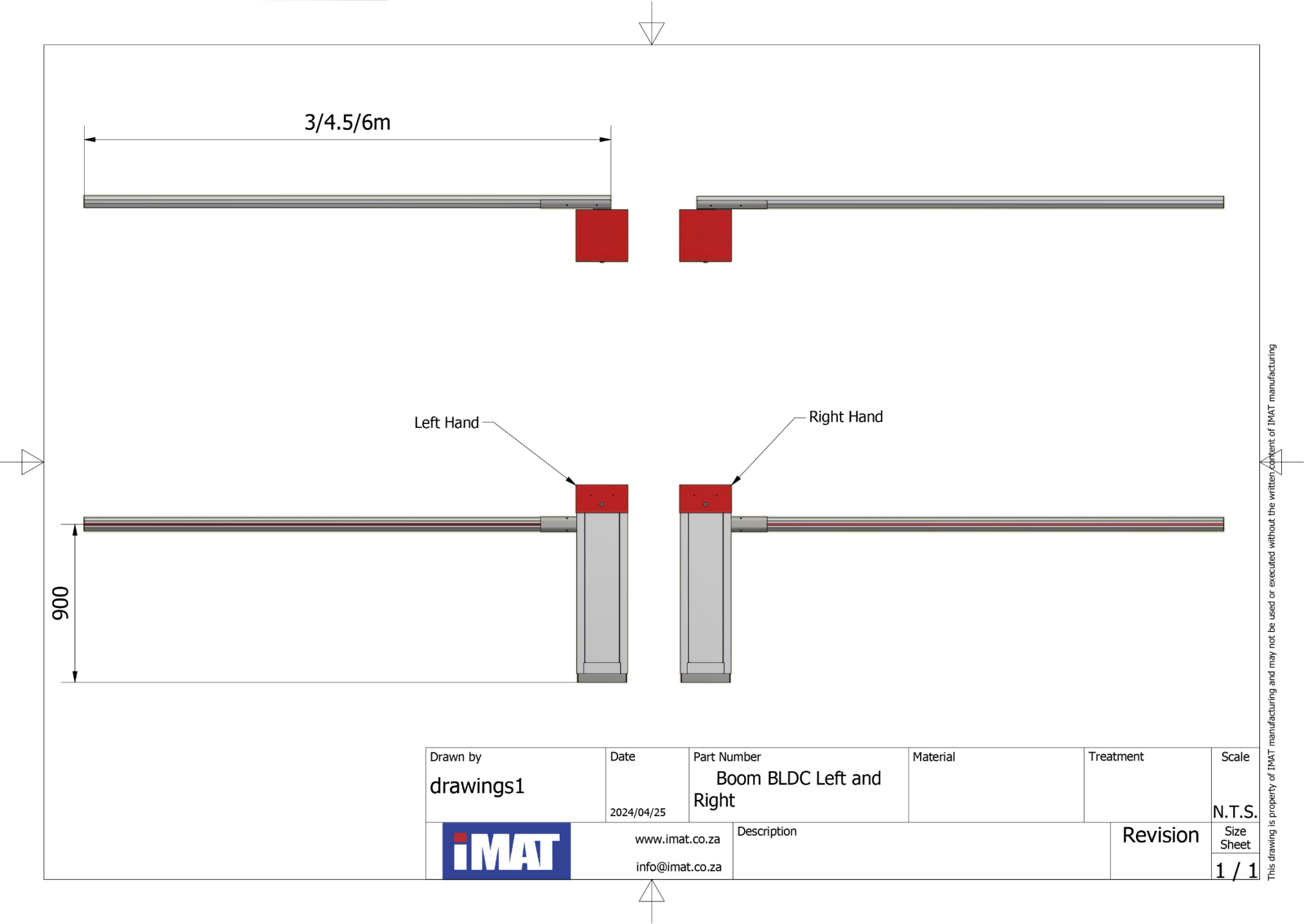
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Drawings:



Drawings:



Drawn by drawings1	Date 2024/04/25	Part Number Boom BLDC Left and Right	Material	Treatment	Scale N.T.S.
	www.imat.co.za info@imat.co.za		Revision		Size Sheet
	Description				1 / 1

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