Sama Mahir

PAST PROJECTS

1972 – 2026

SAMA MAHIR SDN. BHD.
Casting and engineering
Johor, Malaysia

ISO 9001
certified



Castings, CNC machining and heritage metalwork.

www.samamahircasting.com

Castings for industry, from drawing to delivery.

Sand, gravity die and investment castings in iron, steel, aluminium and bronze, with our own pattern shop, CNC machining and inspection under one roof. We make impellers, pump and valve parts, marine fittings, housings and machine parts for manufacturers in Malaysia and Singapore, from a single sample to repeat production.

INDUSTRIAL CASTINGS

- Pumps, valves and marine 3
- Impellers, fans and propellers 4
- Machinery and machined parts 5
- Housings and machine parts 6
- Fittings, brackets and production 7

HERITAGE AND ARCHITECTURAL

The same foundry restores and remakes metalwork for well-known buildings in Singapore, including Capitol, South Beach, St James Power Station, Parliament House, City Square, Chijmes, Novena Church, the National Art Gallery and Malay Heritage, and Bukit Jalil Stadium in Malaysia.

- Heritage steel windows 8
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- Gates, panels and railings 11
- Street and garden pieces 12
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- From stadium facades to state crests 14

Pattern shop
patterns made in-house, from a drawing, a sample or a fragment

1.5 t
melting capacity: two furnaces of 750 kg each

CNC
machining up to 1100 x 600 mm and 1,000 kg

ZEISS CMM
inspection, ISO 9001:2015

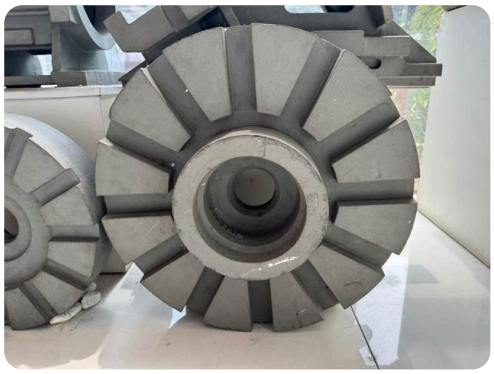
Pumps, valves and marine

Impellers are the part we make most, for pump makers and service companies in Malaysia and Singapore, alongside valve bodies and marine parts.

Impellers and pump parts

BRONZE, STAINLESS STEEL, CAST IRON





Marine

BRONZE AND ALUMINIUM






Valves and waterworks

GREY AND DUCTILE IRON





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Impellers, fans and propellers

Closed and open impellers, fan wheels and propellers, cast in our foundry and machined in-house.

Pump impellers

BRONZE AND CAST IRON, AS CAST AND MACHINED



Bottom row, third from left: a pump casing cover.

Fan wheels, blades and propellers

ALUMINIUM AND BRONZE

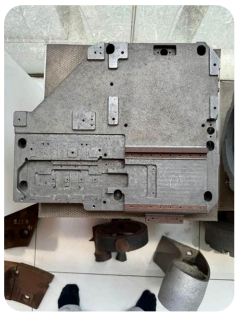


Machinery and machined parts

Housings, frames, bases and brackets for machine builders, cast and CNC-machined in-house, up to 1100 x 600 mm and 1,000 kg.

Frames, bases and housings

CAST IRON AND ALUMINIUM



Brackets, plates and machined parts

CAST, THEN CNC-MACHINED






Moulds and tooling

OWN PATTERN SHOP





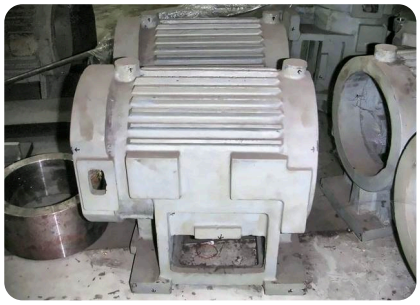
Housings and machine parts

Housings, bearing blocks, covers and bases, cast and then machined in our own machine shop.

Housings

CAST, PAINTED AND MACHINED





Machined parts

BEARING BLOCKS AND COVERS

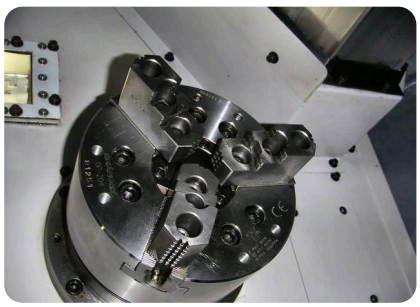





Bases, frames and the machine shop

CAST, THEN CNC-MACHINED





Right: a part held in the chuck in our machine shop.

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Fittings, brackets and production

Pipe fittings, pulleys, brackets and small castings, from a single sample to repeat production runs.

Fittings and pulleys

AS CAST AND MACHINED






Brackets and small castings

GATING AND RISERS STILL ON, RIGHT






Furniture and OEM parts

FINISHED AND READY TO SHIP





In production

BATCHES FOR REPEAT ORDERS






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Heritage steel windows

Slim steel window and door frames remade to the original profiles and pane layouts, with glass support frames, hot-dip galvanised and painted.

Capitol

SINGAPORE





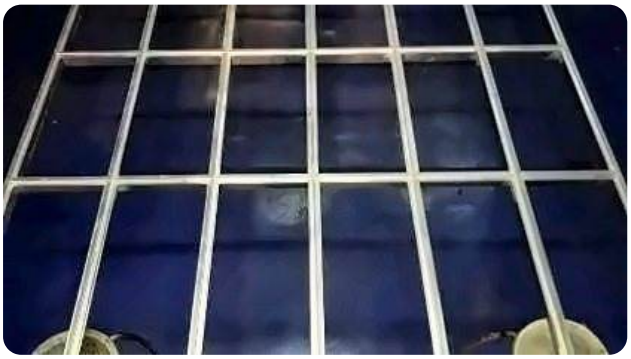
South Beach

SINGAPORE




St James Power Station

SINGAPORE





Railings, facades and gates

Parliament House

SINGAPORE

Cast aluminium railing and facade arches.







City Square (The New World)

SINGAPORE

Ornamental entrance gates.






Malay Heritage

KAMPONG GELAM, SINGAPORE

Railings and fencing, plus entrance gates and drain gratings at Kandahar Street.




Right: decorative gate panels for a church project.

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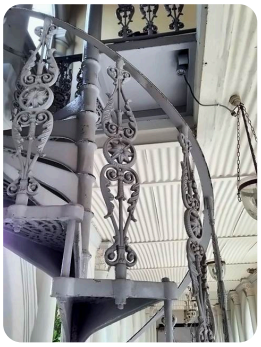
Staircases, screens and ornament

Chijmes

SINGAPORE

Cast spiral staircase and ornamental railings.



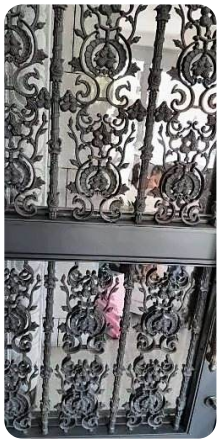



Novena Church

SINGAPORE

Decorative cast screens.





National Art Gallery

SINGAPORE

Cast column caps, balusters and posts.





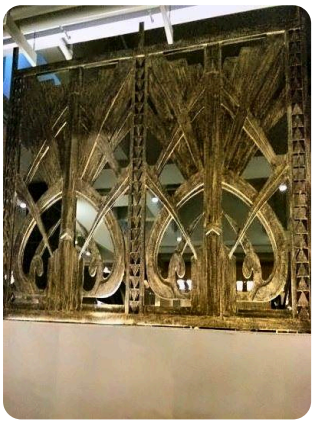

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Gates, panels and railings

Decorative panels, gates and railings in cast aluminium and iron, made to the architect's design or copied from an existing piece.

Decorative panels and gates

INCLUDING CONDO, ORCHARD ROAD






Ornamental gates

SINGAPORE





Railings and balustrades

SINGAPORE





Street and garden pieces

Tree gratings

VIVO CITY AND PUNGGOL, SINGAPORE

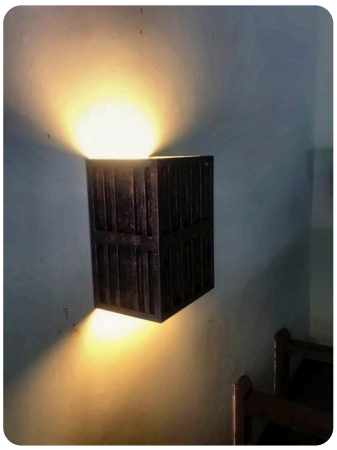





Lamp posts and wall lights

SINGAPORE

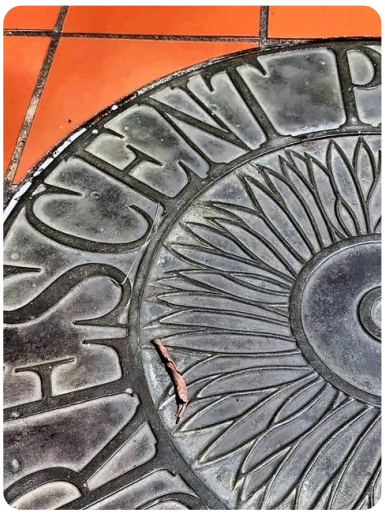





Benches and plaques

PARKS AND PUBLIC SPACES



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Panels, gratings and patterns

Every piece starts in our own pattern shop, so a design can be copied from an original, a fragment or a drawing and cast again in any quantity.

Cast panels and gate castings

MADE TO THE ARCHITECT'S DESIGN



Left: an art deco panel, finished. Centre: an ornamental baluster panel. Right: a gate panel, as cast.

Decorative drain gratings

INSTALLED



From pattern to casting

OWN PATTERN SHOP



Left: wooden finial patterns made in our pattern shop. Right: cast finials.

From stadium facades to state crests

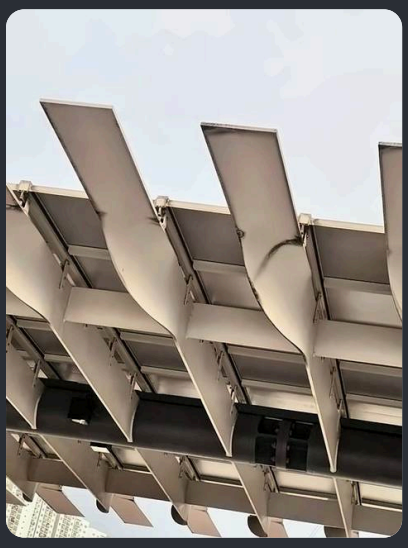
Bukit Jalil Stadium

KUALA LUMPUR, MALAYSIA

Curved facade panels and louvres.









Crests, emblems and ornaments

SINGAPORE AND MALAYSIA

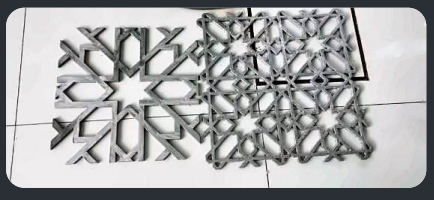














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Send us your part, or your building.

A drawing, a photo, an old fragment or a sample is enough to start. Tell us the size and quantity and we'll come back with the price and lead time.

Processes	Sand, gravity die and investment casting, own pattern shop, CNC machining, ZEISS CMM inspection, ISO 9001:2015
Materials	Aluminium, grey and ductile iron, cast steel, stainless steel 304 and 316, bronze, brass, gunmetal, zinc
Lead time	Pattern and first samples in about 3 to 4 weeks

Tan Sri Roy Tan	Managing Director and Founder	roy@samamahir.com +6019-779 7378
Ryan Tan	Business and Development Manager	ryantan@samamahir.com +60 14 369 7973
Fiona Li	Sales and Marketing	general@samamahir.com +607-380 6928

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No. 8, Jalan Sri Plentong 6, Kawasan Perindustrian Sri Plentong, 81750 Masai, Johor, Malaysia
Tel +607-380 6928 · **www.samamahircasting.com**

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