

AUSTRALIAN-MANAGED CUSTOM MANUFACTURING

Custom products. Concept to delivery.

Catania WorX is a single accountable Australian point of contact for custom steel fabrication, engineered plastic and FRP products, product sales and project management support.

01

Australian accountability

02

Documented systems

03

Documented traceability

04

Global production scale

INSIDE LEFT / STEEL FABRICATION

Steel offerings.

Custom steel products manufactured through Weihai Gaosai Metal, with Catania WorX managing drawings, specification, QC and delivery to the Australian project.

ROBOTIC WELDING

CNC MACHINES

HOT-DIP GALVANISING

WHAT WE CAN MANUFACTURE

CUT · BEND · WELD · FINISH · DELIVER

01

Laser & plasma cutting

Semi-automatic cutting for custom steel profiles and components.

02

CNC bending & forming

Bending, punching, forming and pipe-bending capability.

03

Robot & arc welding

Robot welding, automatic welding and argon-arc welding processes.

04

Finish to specification

Hot-dip galvanising, stainless steel and rework/modification.

70,000 m²

PLANT AREA

100+

CNC MACHINES

270

WORKFORCE

28

PATENTS

TYPICAL PROJECT REQUIREMENTS

SPECIFIED FINISH · DOCUMENTATION · FREIGHT

Galvanising & coating

Hot-dip galvanising, coating or finish requirements reviewed at RFQ.

Weld requirements

Welding process and inspection needs aligned to the project specification.

Traceability pack

Mill and test certificates available where the project requires them.

Freight-ready supply

Manufactured, packed and coordinated for Australian site delivery.

SOURCE PARTNER / WEIHAI GAOSAI METAL

ESTABLISHED 2006 · EXPORTS EUROPE / USA / JAPAN

✓ System documents

✓ ERP management system

✓ 2025 Shandong SME award

✓ Project records

PLASTIC & FIBREGLASS REINFORCED PRODUCTS

Plastic & FRP.

Injection moulding, FRP composites, PVC drainage, panelling and sealing materials manufactured through Weihai Luwei Plastic.

INJECTION MOULDING

FRP COMPOSITES

PVC PIPE & PANELS

WHAT WE CAN MANUFACTURE

MOULD · FORM · PANEL · PIPE · SEAL

01

Injection moulding

Moulded accessories, moulded flooring systems and custom parts.

02

FRP composites

Fibreglass reinforced products developed for durable applications.

03

PVC drainage & pipe

PVC pipe, fittings and drainage product ranges to specification.

04

Panels & sealing

PVC panelling, flame-retardant floors and sealing materials.

25,000 m²

SITE AREA

16,000 m²

WORKSHOP

1995

ESTABLISHED

20+

EXPORT MARKETS

PLASTIC PARTNER / WEIHAI LUWEI PLASTIC

CERTIFICATES VERIFIED AT RFQ

✓ Exported to 20+ countries

✓ Complete documentation

✓ Low-carbon formulations

✓ Mould tooling where required

QUALITY & COMPLIANCE

DOCUMENTED SYSTEMS FOR PROCUREMENT REVIEW

SPEC

Project Plan

Requirements

QC

Source Checks

Inspection

WHS

Safety Docs

On request

ERP

Full System

Operations

DOCS

Trace Pack

On request

AU

Spec Fit

Where specified

Bring the project. We manage the path to delivery.

Catania WorX is built for custom manufacturing enquiries where drawings, samples, finishes, freight and documentation need to be coordinated from start to finish.

CUSTOMER JOURNEY

INITIAL ENGAGEMENT TO DELIVERED PRODUCT

01	02	03	04	05	06	07	08
Reach out	Review	Drawing	Approval	Make	Finish	Freight	Deliver
Send your project brief.	Scope, spec and freight need.	Design, drawing or sample.	Confirm requirements.	Factory production.	Coat, galvanise or document.	Container and delivery path.	Site handover and support.

WHY APPROACH CATANIA WORX

Custom product, direct factory pathway.

Catania WorX helps buyers move from idea, drawing or sample to manufactured product while reducing duplicated handling and unnecessary middleman margin.

A

Steel or plastic

One enquiry path for steel, plastic and FRP.

B

Specification-led

Finishes, documentation and standards where required.

CONTACT

Request a quote or capability pack.

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BRAND

CATANIA WORX · Australian-managed

PARTNERS

Gaosai steel · Luwei plastic / FRP

BASED

Australia · partners in Weihai, PRC

RESPONSE

Target: 1 Australian business day