



Together, we can make it possible.

World-leading cold spray solutions

✓ Additive Manufacturing ✓ Coatings ✓ Repairs

At Titomic, we're reimagining how metal parts are produced and protected across aerospace, automotive, defence, mining, and beyond. As your advanced manufacturing partner, we can integrate our breakthrough cold spray technology and turnkey manufacturing systems into your existing production line, manufacturing environment, and processes for a faster, easier, and more cost-effective way to build, coat and repair metal parts on demand – so you can maximise uptime and profits in an ever-competitive and challenging world.



Rapid build



Less waste



Robotics-enabled



Any size



Cost competitive



More sustainable

Ready to see how we can help solve your manufacturing challenges?

Let's talk.

info@titomic.com | titomic.com

See what's possible



ADDITIVE MANUFACTURING

- 1m³ and larger X, Y, Z manufacturing
- Rotational builds of 3m*
- 4-6kg per hour**

DIFFERENTIATORS

- World's fastest AM process
- No-melt, low-heat process
- Fuse dissimilar metals to exploit the advantages of multiple metals
- Build thicker and faster than other additive manufacturing & coatings methods
- Free-form, near-net shape parts
- Single-piece construction without welding

MATERIALS

- Pure Titanium
- Inconel 625 (He)
- Invar
- Steel
- Copper
- Tantalum & refractory metals

CUSTOMERS



REPKON

Joint venture to make weapons barrels

*Larger build possible with bespoke systems
**Material and application-dependent

KEY DEFENCE CAPABILITIES

Armaments

- Warhead casings
- Titanium pressure vessels
- Airframe structures
- Propulsion system components

Barrels

- Artillery - 20mm and larger
- 60mm, 81mm, 120mm mortar barrels
- Multi-metal barrels including high-alloy steel, titanium, and inconel.

Ballistics shielding

- Passed STANAG Level 2
- Free-form ballistics-resistant structures
- Cylindrical or curved parts
- Create multi-layer, multi-function heterogeneous shielding from pure titanium.

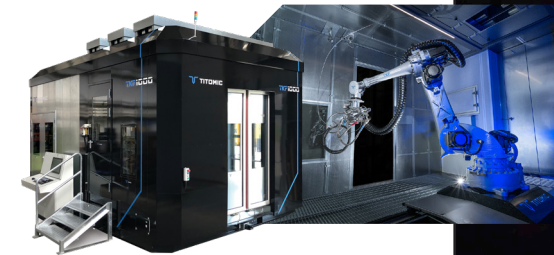
QUALITY STANDARDS & ACCREDITATIONS

We're ISO 27001, ISO 9100 and AS 9100D certified, so you can be confident we always comply with the highest industry standards.



TITOMIC'S TKF 1000

- Large-scale manufacturing (1m³)
- Fast & cost-effective



SYSTEMS

TKF 1000

Integrate the turn-key high pressure cold spray system for in-house rapid manufacturing, functional coatings, and repairs.

TKF 3250

A next-generation cold spray system, ideal for manufacturing pressure vessels, barrels, and domed parts.

Bespoke solutions

Titomic can engineer bespoke additive manufacturing and coatings systems specific to your manufacturing needs.

Titomic Australia | Titomic Europe | Titomic USA