



## Production of Plastics Extruder Technology Parts for C.A.PICARD®

- Titomic to validate production ready samples of plastic extruder technology parts
- C.A.PICARD® Group products are distributed to more than 50 countries world-wide
- The global plastic extrusion machine market is expected to reach \$8.24 billion by 2025
- TKF unique metal AM capability increases wear resistance and reduces production time

**Melbourne, Australia, June 28<sup>th</sup>, 2019:** Australian digital manufacturing solutions company, Titomic Limited (ASX: TTT) ("Titomic" or "Company"), is pleased to announce it has entered into an agreement with German-based plastic extruder parts manufacturer C.A.PICARD® Group to produce metal parts for the Extruder technology market, using Titomic's Kinetic Fusion™ process.

Titomic will utilise its proprietary TKF additive manufacturing process to build a hardened metal extrusion screw at a preliminary cost of USD\$25,965. The aim of this prototype is to reduce the current cost and test potential improvements in wear resistance.

On the successful completion of test trials by C.A.PICARD®, Titomic will negotiate a contract to supply production from its TKF Melbourne Bureau for single, twin, and multi-screw extrusion systems. These parts are developed by C.A.PICARD® Group and distributed to over 50 countries, with the major markets being Europe, Asia, America and the Far East. The global plastic extrusion machine market generated \$6.05 billion in 2017, and is expected to reach \$8.24 billion by 2025, growing at a CAGR of 3.8% from 2018 to 2025<sup>1</sup>.

**Mr. Jeff Lang, Titomic Managing Director commented:**

*"Titomic's partnering with C.A.PICARD® to additively manufacture their extrusion screw products showcases the unique capability of Titomic Kinetic Fusion to utilise tooling steels to be cost competitive against traditional metal manufacturing processes. We believe that by partnering with visionary industry leaders like C.A.PICARD®, Titomic can improve the efficiency of metal manufacturing and mechanical performance properties, providing real commercial benefits to our customers."*

**Mr. Michael Busenbecker, Global Head of Research and Development commented:**

*"We are committed to producing the best quality parts for the Extruder market and are pleased to be working with Titomic to bring their state of the art Titomic Kinetic Fusion Process on board. We believe that the future lies in finding efficiency without compromising on value and quality and we look forward to working with Titomic on this project".*

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**Contacts:****Peter Vaughan**

Company Secretary & CFO  
+61(0)3 9558 8822  
[investors@titomic.com](mailto:investors@titomic.com)

1. <https://www.prnewswire.com/news-releases/plastic-extrusion-machine-market-to-reach-8-24-bn-globally-by-2025-at-3-8-cagr-amr-300844189.html>

**About Titomic Limited:**

Titomic (ASX:TTT) is headquartered in Melbourne, Australia. Titomic is positioned to change the value proposition of titanium, to unlock new applications and open opportunities that are now technically and economically viable with its proprietary Titomic Kinetic Fusion™ (TKF) technology platform.

TKF overcomes the limitations of additive manufacturing (3D printing) for metals to manufacture complex parts without shape or size constraints. TKF offers production run capability to organisations, which enables speed-to-market, superior products with lower production inputs using fewer resources for a more sustainable future.

**About C.A. PICARD.**

C.A.PICARD was founded in 1876 by Carl August Picard as a „grinding workshop“, which has developed into a multinational group over the years and decades. The group currently has locations in Remscheid and Monschau as well as branches in the USA, China and Japan.

The C.A.PICARD group is now in the 5th generation of family ownership and is proud of its traditions and roots. The key pillars of the company's success consist in sound know-how, state-of-the-art heat treatment and machining processes as well as approximately 480 qualified employees.

<https://www.capicard.de/en/capicard-international/company/>

**Forward-looking statements:**

Certain statements made in this release are forward-looking statements and are based on Titomic's current expectations, estimates and projections. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," "guidance" and similar expressions are intended to identify forward-looking statements. Although Titomic believes the forward-looking statements are based on reasonable assumptions, they are subject to certain risks and uncertainties, some of which are beyond Titomic's control, including those risks or uncertainties inherent in the process of both developing and commercialising technology. As a result, actual results could materially differ from those expressed or forecasted in the forward-looking statements. The forward-looking statements made in this release relate only to events as of the date on which the statements are made. Titomic will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this release except as required by law or by any appropriate regulatory authority.