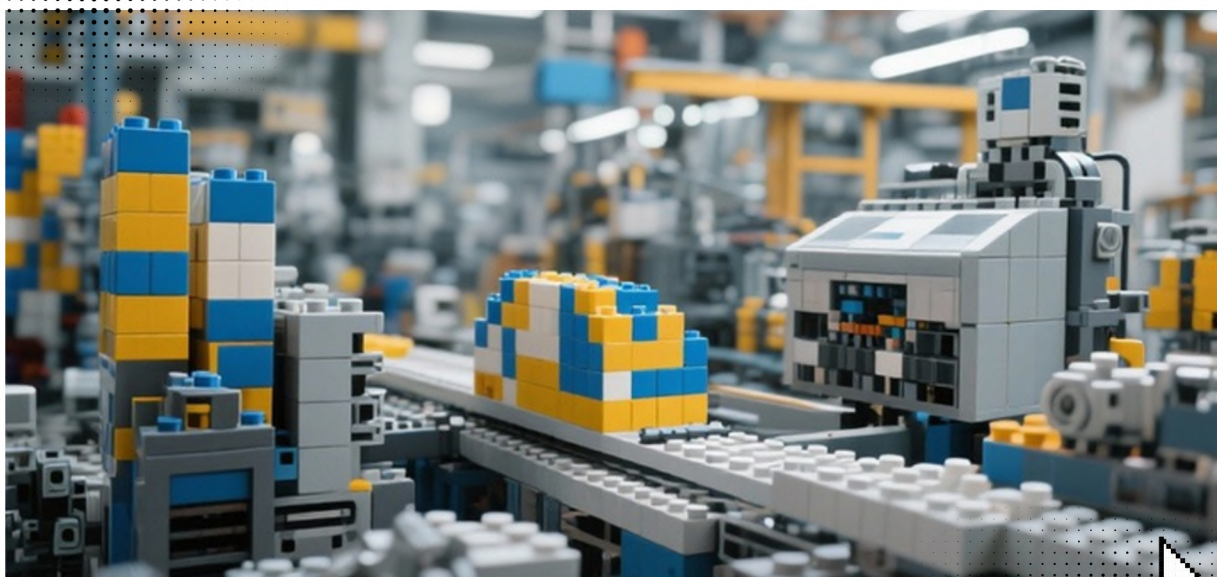


# 企业动态

## OFFICIAL NEWSLETTER



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## 齐力澳美检测中心扩建项目即将完工

# THE PMI TESTING CENTER EXPANSION PROJECT IS ABOUT TO BE COMPLETED

撰写/AUTHORS: 祝宇琪

齐力澳美检测中心的扩建项目主体工程已基本完工，预计在2026年1月底完成验收并正式投入使用。此次升级聚焦检测能力的智能化与前瞻性布局，重点引入国际先进的检测设备与核心技术，全面覆盖高强、高韧、高导、高效铝材等关键领域的研发与生产需求。通过高精度数据分析与智能化检测系统，我们将实现：

- 检测能力强化与流程质量控制标准提升：新增国际前沿设备将深化材料性能分析的深度与广度，加速研发成果验证与迭代进程，为高性能铝材研发提供坚实数据支撑。升级后的检测体系实现从材料研发到生产交付的全流程覆盖，通过精准检测与数据溯源，确保产品性能符合国际高标准，提升客户交付可信度。同时，智能化检测流程优化将大幅缩短产品检测周期，助力产品快速投放市场，精准匹配客户即时需求。
- 竞争优势及品质提升：检测能力提升既是技术突破，更是战略竞争力的核心支撑。我们以领先的检测标准与数据积累优势，提供更权威精准检测报告，不仅是对客户的质量承诺，更是为新材料研发筑牢数据根基，助力抢占高性能铝材技术制高点，实现可持续发展。
- 人才团队积累：依托博士后工作站平台优势，检测中心将深化产学研协同创新，吸引高端人才投身前沿技术与项目攻关。同时，通过“真场景、真课题”的实战，打造专业化检测人才梯队，为公司技术创新提供可持续人才储备。

此次升级不仅是公司提升检测能力、加强技术支撑的重要战略部署，更是夯实高端铝材研发与质量控制核心竞争力的关键一步。

PMI's Testing Center expansion is complete, with final inspections and commissioning planned for late January 2026. This upgrade strengthens intelligent testing capabilities and strategic foresight, integrating advanced international equipment and technologies to support R&D and production of high-strength, high-toughness, high-conductivity, and high-efficiency aluminum materials.

**Enhanced Testing Capabilities & Quality Control Upgrade:** The addition of international cutting-edge equipment enhances comprehensive material performance analysis, speeding up R&D validation and iteration for high-performance aluminum materials. The upgraded system ensures end-to-end coverage from R&D to production, meeting global standards through precise testing and data traceability, boosting customer trust. Intelligent process optimization cuts testing time significantly, enabling faster market entry and accurate response to customer needs.

Enhancing testing capabilities is a technological breakthrough and a strategic competitive advantage. Our leading testing standards and data accumulation provide authoritative and accurate reports, committing to quality for clients and supporting research and development. This gives us a competitive edge in high-performance aluminum materials and sustainable development.

**Talent Team Development: Leveraging the Postdoctoral Research Station Platform for Sustainable Innovation:** By deepening industry-academia-research collaboration through the postdoctoral research station platform, the Testing Center attracts high-end talent to engage in frontier technology research and project breakthroughs. Simultaneously, it cultivates a professional testing talent pipeline through real-world scenarios and practical challenges, ensuring a sustainable talent reserve for the company's technological innovation.

This upgrade is not only a key strategic move to enhance the company's testing capabilities and technical support, but also a critical step to strengthen core competitiveness in the R&D and quality control of high-end aluminum materials.



## 藏在细节中的可持续

## SUSTAINABILITY IN THE DETAILS

可持续发展的微光，藏在工作的每一处细节里。2025年，在不易被轻易留意的生产环节中，可持续优化从未停歇。生产制造部锚定“降本增效”核心目标，从能耗精细化管理、包材循环利用两大关键环节突破，累计创造经济效益过百万元，以细节深耕推动绿色可持续发展，为公司高质量发展注入强劲动力。

For manufacturers, sustainability often takes root in the smallest, easiest-to-overlook operational choices. In 2025, the Manufacturing Division never let up on optimizing these details—turning quiet, incremental changes into meaningful progress.

### 一、精准控能耗，成本显著下探

#### 1. Lean Production Cuts Costs at the Source

针对高耗能环节专项优化：喷涂车间通过车间改造、空压机专人管控、人员整合、物料集中开线提升设备稼动率等措施，实现综合能效大幅提升。

Targeted optimization for high-energy-consumption processes: The Spray Shop lifted overall energy efficiency sharply via measures like facility layout reconfiguration, air compressor scheduling, staff coordination, and centralized line startups to boost equipment utilization rates.

包装成本管控同步突破，经5年技术迭代与流程优化，单吨包装成本从2020年930.21元降至2025年384.5元，累计降幅49.37%，精益生产成效凸显。

Packaging cost management saw a breakthrough. Leveraging 5 years of tech upgrades and process optimization, the per-ton cost fell from ¥930.21 (2020) to ¥384.50 (2025)—a 49.37% reduction, demonstrating the success of lean manufacturing.

### 二、包材全链回收，循环经济增效能

#### End-to-End Packaging Recycling: Circular Value in Action

重点推进包材回收利用项目，构建“旧木托修复—木架回收—资源再利用”全链条体系，实现经济与环保双赢：

We built a full-cycle system (“used pallet repair → wood recycling → resource reuse”) to deliver economic-environmental wins:



- 旧木托的“二次生命”：建立标准化修复流程，全年实现17,390个木托循环复用。不仅大幅降低了对新增木材的需求，更在源头上减少了森林开采与碳排放，实现了经济效益与环境效益的双赢。
- “Second life” for used wooden pallets: Standardized repair protocols enabled 1,390 pallets to be reused annually. This reduced virgin wood demand, cut logging/carbon emissions at the source, and delivered dual economic and environmental benefits.

大客户木架回收：与省内大客户建立合作机制，回收二手木架3524套，实现包装材料闭环流转。

- Key client packaging recycling: A collaboration mechanism with major in-province clients recovered 3,524 used wooden frames, achieving closed-loop circulation of packaging materials.



### 三、建长效机制，深化降本成效

Long-Term Framework Deepens Cost-Saving Outcomes

目前，部门已构建起“能耗监控—流程优化—资源循环”的长效管控机制，为可持续降本筑牢了基础。下一步，部门将持续深化“技术升级+管理提效”双轮驱动策略，稳步拓展循环经济应用场景，以扎实举措持续夯实公司盈利基础，助力绿色可持续发展目标落地见效。

The division now operates a long-term management system covering “energy monitoring → process optimization → resource recycling” —a dual enabler for sustained cost reduction and efficiency gains. Next, it will deepen “technology upgrading + operational efficiency enhancement” efforts, expand circular economy use cases, strengthen the company’s profit foundation via concrete actions, and help green sustainability goals deliver tangible results.

数据来源：制造中心

Data Source: Manufacturing Center

撰写/Authors: 祝宇琪



## 2025: 用一个词来形容

## 2025: IN ONE WORD

在即将告别2025之际，我们向团队提出了一个简单的问题：

“用一个词来形容你的2025”

*As we wrap up 2025, we asked our team a simple question:*

*“What’s your one word for the year?”*

The answers are short – but each carries a story of growth, learning, and teamwork…

### 心怀感恩 BE BLESSED



2025年6月，我们的团队策划了，“Dream”孤儿院探访活动，原本以为只是一天游戏与分享。但当孩子们分享他们的梦想时，我们在他们的眼中看到了真实的希望与快乐 – 也提醒了我们自己的梦想，以及当初出发的初心。回顾这一年，我由衷感到自己是被祝福的：从他人身上学到了很多，获得了意想不到的经历，收获甚至多于付出。因此，我的2025关键词是 - 心怀感恩。

In June 2025, our team created the “Dream” orphanage visit program, thinking it would be a simple day of games and sharing. But when the children presented their dreams, we saw real hope and happiness in their eyes – and it reminded us of our own dreams and why we started. Looking back, I feel truly BLESSED. I learned so much from others, gained unexpected experiences, and received more than I gave. That’s why my word for 2025 is BE BLESSED.

### 持续改善 KAIZEN

今年，我们成功投产了第二条铸造线。我最自豪的是那些看似微小却累计成重大成果的改进。我们顺利生产了CYCAL铝棒，提高了废料使用率，并在优化人力配置的同时提升了产量 – 在不牺牲纪律与标准的前提下，实现了人均生产力的提升。在个人层面，我也以同样的心态前行：随着团队成长，一步一步持续精进我的领导能力。这正是持续改善。

This year, we commissioned a second casting line and I’m most proud of the small improvements that added up to big results. We successfully produced CYCAL billets, increased our scrap usage, and boosted output while optimizing manpower – meaning higher productivity per person without compromising discipline. Personally, I’m taking the same mindset: Keep improving my leadership step by step as our team grows. That’s KAIZEN.



### 行动 ACTION

今年，我的工作从一对一辅导，拓展到建立能同时帮助更多人的系统 – 通过培训，工作坊以及制度与政策的制定。当我们建立公平的绩效与纪律流程，人们会感到被尊重，被支持，也更有空间成长。我学到，影响力不仅来自当下的关怀，更来自付诸行动，去打造能够长久发挥作用的机制。这就是行动。





This year, my work expanded from one-to-one counselling to building systems that help more people at once – through training workshops, and writing policies. When we create fair performance and discipline processes, people feel respected, supported, and able to grow. I’ve learned that impact isn’t only caring in the moment, but taking action to build something that lasts. That’s ACTION.

### 自信 CONFIDENT

从培训与领导的指导下，我逐渐更自在地表达想法，分享观点。我感受到被倾听，被理解，也被信任 – 而这份信任给予我更多勇气去贡献与参与。我也更愿意与他人分享知识，支持团队。回顾这一年，我的成长可以用一个词来概括：自信。



Through training and guidance from my superior, I’ve become more comfortable speaking up and sharing my ideas. I feel listened to, understood, and trusted – and that trust gives me the courage to contribute more. I’m also more willing to share my knowledge with others and support the team. Looking back, my growth this year can be summed up in one word: CONFIDENT.



### 坚韧 RESILIENT

今年有一个深刻的时刻，是面对一项我原本并不觉得自己准备好的挑战 – 事后才发现，我处理的比想象中更好。系统化的培训为我打下稳固的基础，而持续学习让我保持适应力与进步空间。这段经历提醒我，成长往往发生在舒适圈之外，而韧性正是在那里被锻造的。我的2025关键词是坚韧。

One defining moment this year was facing a challenge I didn’t feel ready for – and realizing later that I handled it better than I thought. Structured training gave me a strong base, and continuous learning kept me adaptable and improving. This experience reminded me that growth often happens outside the comfort zone, and that’s where resilience is built. My word for 2025 is RESILIENT.

### 感恩 GRATITUDE

我们可持续发展路线图聚焦于真正的进展 – 提升可再生能源使用，提高效率，并通过更优的流程与数码工具减少废弃物与排放。太阳能只是起点，我们将持续稳步前行，因为每一项改善都意义非凡。我感恩能够学习，贡献，并成为守护未来旅程的一份子。这也是为什么我的关键词是感恩。



Our sustainability roadmap focuses on real progress – increasing renewable energy, improving efficiency, and reducing waste and emissions through better processes and digital tools. Solar is just the start, and we’ll keep taking steady steps forward because every improvement counts. I’m grateful for the opportunities to learn, contribute, and be part of a journey that protects our future. That’s why my work is GRATITUDE.

### 展望未来

不同的词语，相同的精神。感谢每一位让2025变得意义非凡的同事 – 你们的付出，关怀与投入，成就这一年。迈向2026，让我们继续精进，持续前行，并彼此支持。

### Looking Ahead

Different words, same spirit. Thank you to everyone who made 2025 meaningful – through your effort, care and commitment. As we move into 2026, may we keep improving, keep moving forward, and keep supporting one another.

撰写/Authors: Branda Yap



# 为什么我们仍在不断升级

## WHY WE PERSIST IN UPGRADING INTELLIGENT MANUFACTURING EQUIPMENT

撰写/Authors: 祝宇琪



高新车间 PMIT CNC Workshop

当我们走进车间，似乎总能看见一些新的变化，或许是设备的升级、更换，也可能是新增的产线。这些细微却持续的变化，也让我们不禁思考：我们的生产已逐步迈向智能，为何还要不断在设备升级上投入心力？事实上，我们不断升级智能化设备升级，就像是给我们的生活和工作“换上新引擎”，背后是技术、需求和效率的共同驱动。

Entering the production workshop, one notices incremental changes—upgrading or replacing equipment, or commissioning new production lines. These prompt the question: Why the continual investment in manufacturing equipment upgrades amid the move to intelligent production? The answer lies in the need to keep pace with technological advancements, market demands, and operational efficiency, akin to giving daily operations a new engine.

### 技术在迭代，设备需要跟上

Technology advances, and equipment must adapt.

我们身处在一个不仅拼技术实力，更拼质量、效率的时代。制造业智能化设备的更新迭代节奏不断加快，从精密传感技术到智能控制系统，从数据互联技术到AI优化算法，每一次技术突破都是对现有生产模式的优化升级。如果我们的生产设备仍停留在旧有技术水平，不仅无法匹配当下的生产需求，还可能因设备性能不足导致生产流程脱节、操作效率受限。只有让设备紧跟技术迭代的步伐，及时融入前沿技术成果，才能让技术创新真正落地到生产环节，为后续的质量提升、效率优化打下坚实的技术基础。

In today's competitive landscape, success depends not only on technological strength but also on quality and efficiency. The manufacturing industry is seeing rapid renewal and iteration of intelligent equipment. Breakthroughs in precision sensing, intelligent control, data interconnection, and AI optimization are transforming production models. Outdated equipment cannot meet current needs and may cause process disruptions and efficiency issues. To stay competitive, we should update equipment with the latest technologies and integrate cutting-edge achievements to realize the benefits of innovation.



## 合作模式的升级，与客户开展深度协同

Upgrading cooperation models focuses on in-depth collaborative synergy with clients.

与客户携手推进联合开发，是拓展自身能力范畴、实现优势互补的共赢路径。智能化设备的配套升级，正是搭建起我们与客户协同合作的桥梁。通过将客户需求前置融入设备升级方案，以需求为导向，打磨生产工艺、设备配套功能，以此更好适配实际应用场景，拓展我们的技术服务能力边界，也能增强客户粘性，形成“需求-研发-生产-反馈”的良性循环，推动合作模式从简单的供需关系向深度协同创新转变。

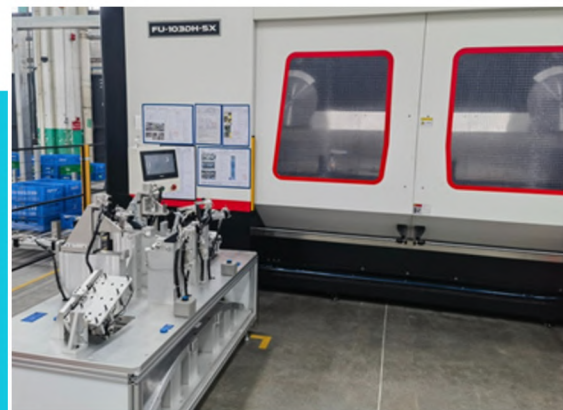
Joint development with clients offers a key way to expand our capabilities and achieve complementary advantages. Intelligent equipment upgrades serve as a vital bridge for such collaboration. By integrating client needs early into equipment upgrade designs and co-optimizing production processes and functionalities, we can better adapt equipment to practical scenarios, extend our technical service boundaries, and enhance client stickiness. This fosters a virtuous cycle of "demand identification, R&D, production, and feedback", transforming the cooperation model from simple supply-demand to in-depth synergistic innovation.



高新车间 PMIT CNC Workshop



PMPT CNC产线 PMPT CNC Workshop



此外，智能化设备的持续升级还能带来绿色生产、降本增效等多重效益。新设备普遍采用节能降耗技术，可有效降低电力、原材料等消耗，减少生产过程中的废弃物排放，契合绿色发展理念。

Upgrading intelligent equipment brings benefits like green production, cost reduction, and efficiency improvement. New equipment uses energy-saving technologies to cut electricity and resource consumption, reduce waste, and support green development.

回望车间里那些持续发生的设备升级变化，我们已然明晰：不断升级智能化设备，从来不是多余的投入，而是顺应技术迭代、深化客户协同、提升市场竞争力的必然选择，这也正是我们始终坚持推进智能化升级的答案。

Reflecting on the ongoing equipment upgrades in the workshop, we recognize that investing in intelligent equipment is fundamental to adapting to technological advancements, strengthening customer partnerships, and enhancing competitiveness. This commitment to advancing intelligent upgrades is underpinned by our recognition of these core imperatives.



# 欢迎投稿 企业动态

*We welcome your  
submissions.*

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