



序

食品加工機械乃是食品加工製程的核心，而生物科技產業乃是食品產業的2.0，而食品加工產業乃是國家促進就業公認最有效的策略，因之各國尤以新南向的海洋國家和農業國度特別重視！

面對大疫三年，全球供應鏈斷鏈，原物料大漲，美中貿易戰、科技戰愈演愈烈，國際觀光產業巨幅衰退，加上烏俄戰爭的催化加劇了風險，在地製造帶來了全球化的倒退，在在限縮了全球經濟的表現；但這些背景也讓我們面對轉型面對的嚴酷挑戰，因應之道此乃最壞的時代，也是在重建振興的階段予我素來充滿韌性和勇於創新的台灣業者最好的機會！

面對的「數位革命」的浪潮，以台灣目前的經濟實力以高階微晶片生產製造和其他尖端科技為基礎；目前有名著「晶片戰爭」(Chip War)作者美國國際史學家克里斯米勒所論：

「主要的國家更認真地思考半導體的供應鏈，供應鏈帶給我們的真正示，乃是跟獲利和權力有關，台灣的非凡崛起讓人看到，公司企業有遠見，又有政府資金的支援，如何改造整個半導體產業……全球對台灣的依賴乃會持續增加的。」，加上台灣很多的隱形冠軍在民間，我們的前景是看好的，期許民間企業與政府充分合力就AI人工智慧，數位運算力科技導入中小企業的營運，必然可提升台灣企業之國際競爭力。

本「台灣食品加工設備暨生技/製藥機械總覽」工具書冊的編纂已歷多年，感謝展昭國際企業股份有限公司的合作，以及同業廠商的贊助廣告，特致謝忱！期許本專業書冊的廣續編印強化發行，能為我同業之設備及其相關聯必備之零組件廠家帶來更多交易機會，也為食品加工及生技製藥產業提供合作平台以為序！

台灣食品暨製藥機械工業同業公會

理事長 **王健蒼** 敬致

2023年6月吉日

Preface



Where food processing machinery is the very core of the food processing process, the biotechnology industry is acknowledged as the very 2.0 of the entire food industry. The food processing industry is the most effective strategy to boost employment in a country. Such a fact is universally acknowledged worldwide, particularly in those new southbound maritime countries and the agriculture-based agrarian countries which pay specific attention to such food processing industry.

Amidst the prolonged coronavirus pandemic (COVID-19) spread that has been lingering for three years and has, as well, disrupted the supply chains of the entire world, the prices of raw materials & materials have been skyrocketing coupled with the trade war between the United States and China and the increasingly violent technology war. The tourism industry has plummeted radically in the entire international community. The prolonged Russia-Ukraine war turned the risks from bad to worse. The trend of localized manufacturing has caused globalization to go backwards. All these factors have confined the global economy from sound and normal performance. On the other hand, all such backgrounds have led us all to face the tough challenges of transformation. Where we put forth maximum effort to deal with the worst time ever, we are greeting the optimum opportunities ahead of the Taiwan industry as we are so resilient and innovative amidst the current phase of revitalization.

In the face of the unsurmountable tide “digital revolution”, Taiwan is primarily based on its high-end microchip manufacturing and other cutting-edge technologies. Chris Miller, an American international historian and the author of “Chip War” pointed out: “Those major countries are taking into serious account the subcontractor supply chains. The genuine enlightenment brought by supply chains toward us is closely related to profits and powers. The extraordinary rise of Taiwan lets us all perceive that entrepreneurs of Taiwan companies are far-sighted enough and are, meanwhile, well backed up with government funds how to transform the entire semiconductor industry. The reliance of the entire world upon Taiwan is continually on the rise.” Coupled with such facts with numerous invisible champions hidden in the private sector of Taiwan, we are virtually promising our brilliant prospects. It is our earnest hope that in Taiwan, the enterprises in private sector will closely team up with the government toward AI artificial intelligence, and digital computing power technology to be implanted into the routine business operation of small & medium enterprises. Taiwan enterprises are bound to boost their formidable competitive edge in the international community.

This “Taiwan Food Processing Machine & Bio/Pharma Equipment Directory” known as a very handy referential guidebook to the profession, has been compiled in a good number of years. We are profoundly indebted to Chan Chao International Co., Ltd. for its intimate teamwork and to those sponsors for their generous support in advertising, for which we are significantly grateful. We truly hope that where such a professional directory is continually and intensively published and distributed, our manufacturers of equipment and relevant parts & components will receive tremendously more purchase orders into successful transactions and will, in turn, provide added platforms of cooperation to the food processing, bio/pharmaceutical industries. These key points represent the very purposes of this Preface!

Chairman of Taiwan Food & Pharmaceutical Machinery Manufacturers’ Association

Sincerely, C. T. WANG

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