

FROM ZERO • TO ZERO

從零到零
循環產線系統

Circular Materials Production System

Xrio Ltd. 之間國際有限公司

From Waste to Asset

從廢棄資源到材料資產

Xrío



Waste
廢棄垃圾



Resource
再生資源



Valuable Materials
有價材料



Applications & Products
應用產品

01

解決廢棄物處理成本

Reduce disposal costs

02

滿足企業永續發展需求

Meet sustainability needs

03

將廢棄成本轉化為資產

Create asset value



Market Signal

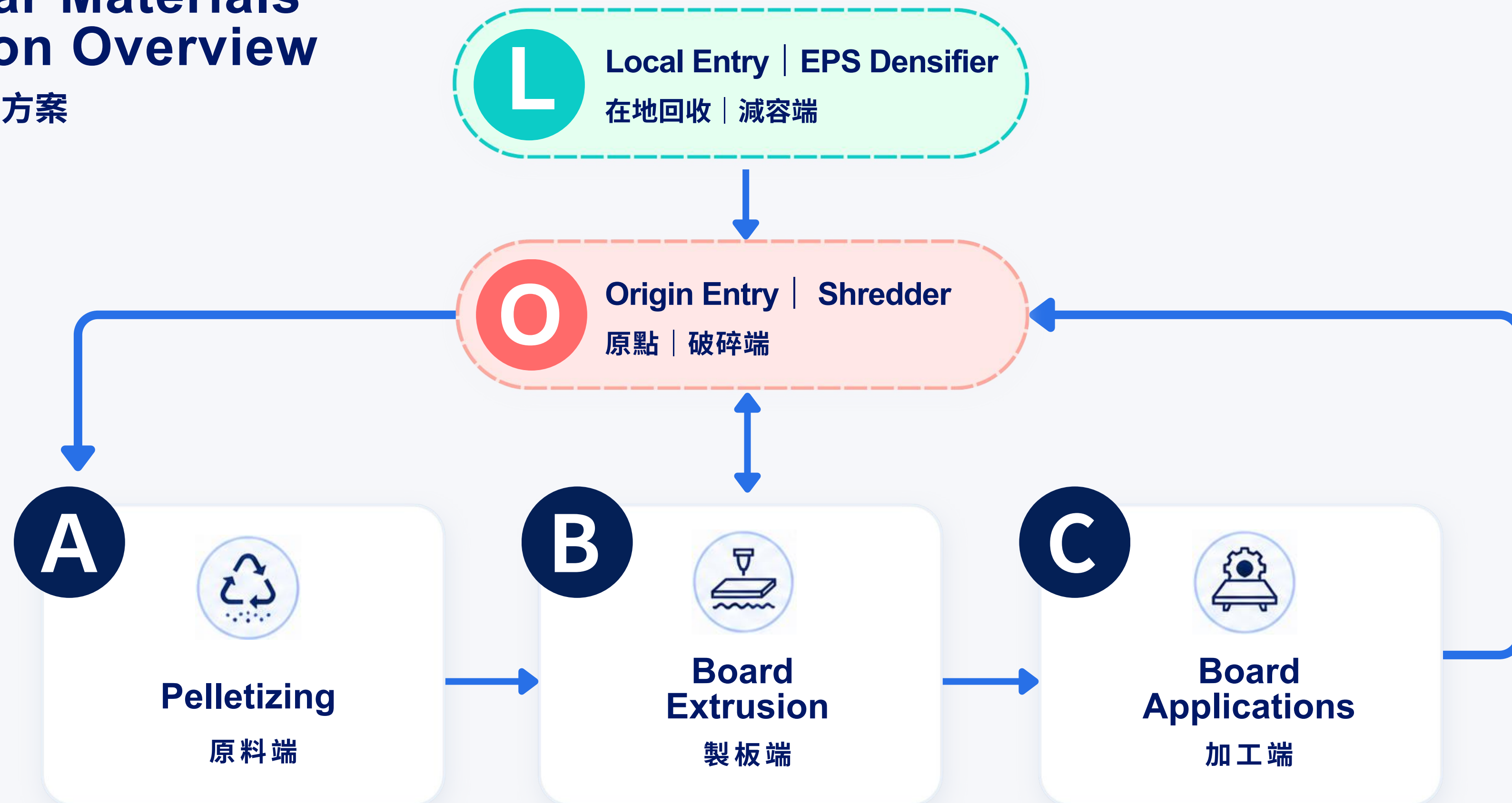
Growing demand for recycled materials drives investment in circular production lines.
再生材料需求成長，推動循環產線投資。

Waste is a cost.
Circularity is an asset.

垃圾是成本，循環是資產

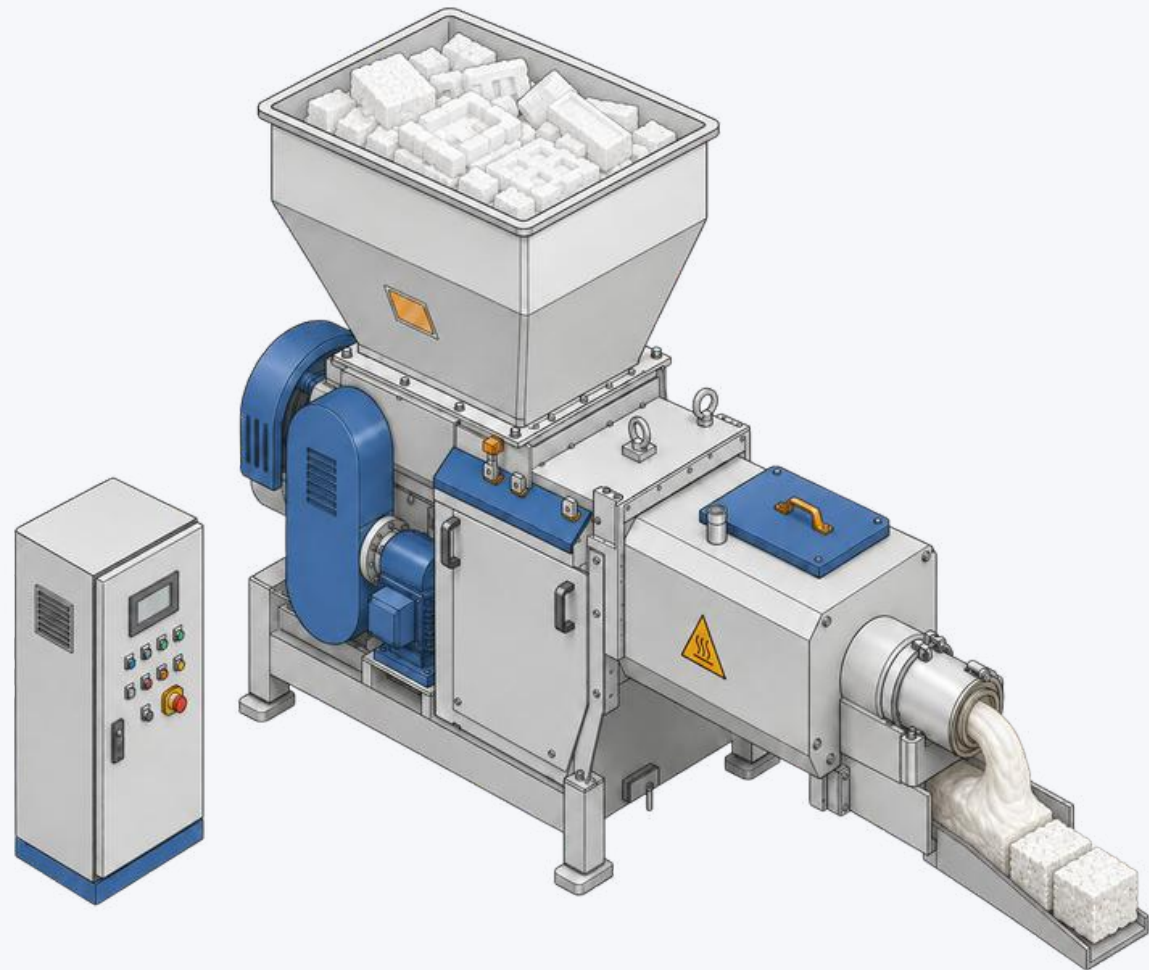
Circular Materials Solution Overview

全循環解決方案





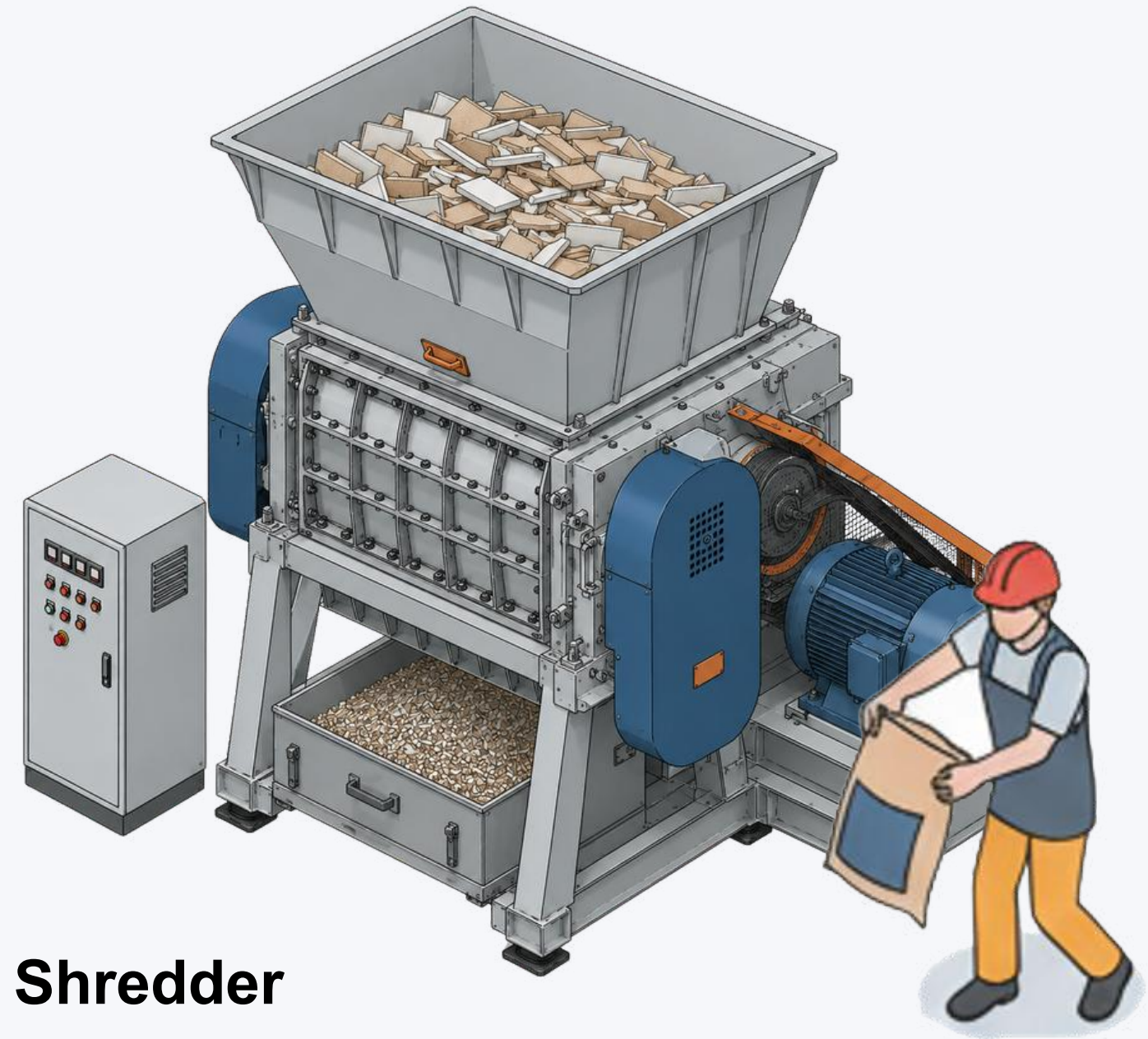
Local Entry | EPS Densifier
在地回收 | 減容端



EPS Densifier
減容機



Origin Entry | Shredder
原點 | 破碎端



Shredder
破碎機



PELLETIZING

原料端



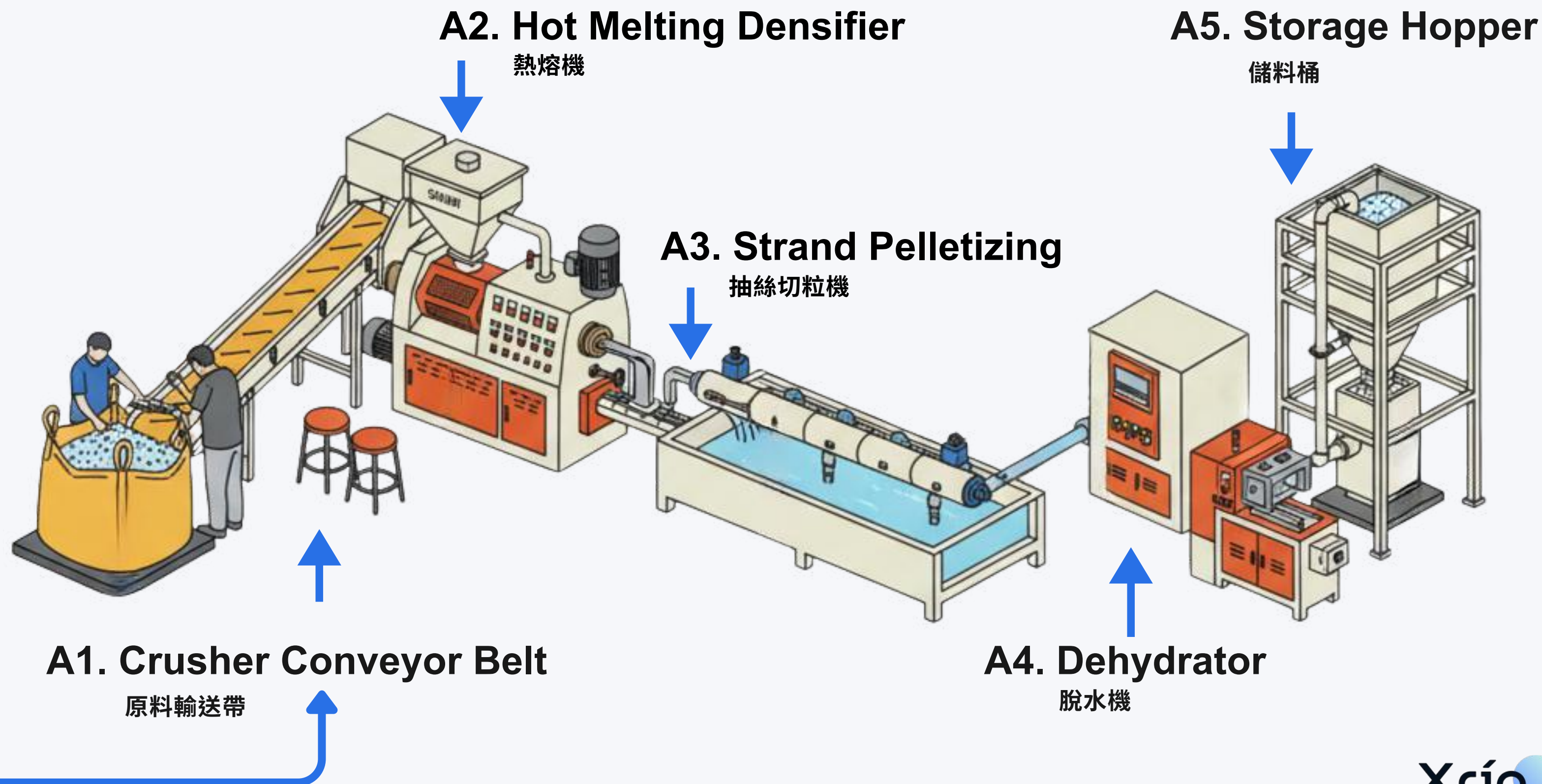
EPS Densifier

減容機



Shredder

破碎機

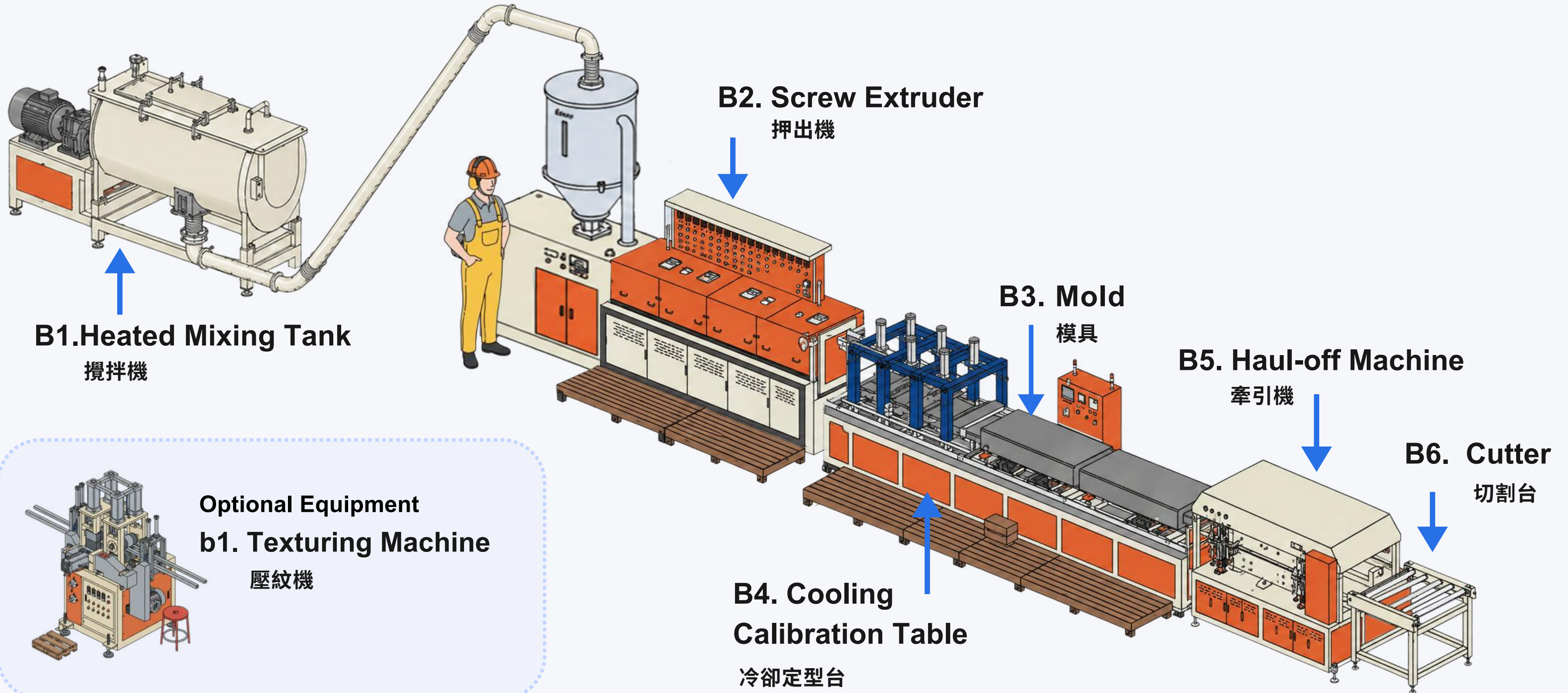


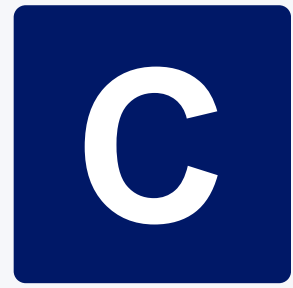


Board Extrusion

製材端

Xríó





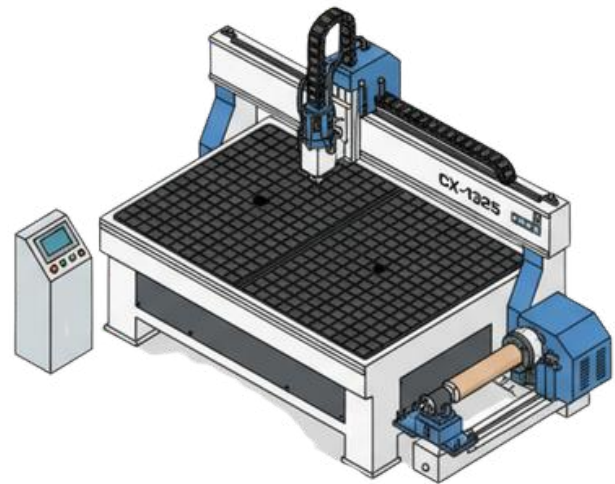
Board Applications

加工端

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● CNC / Digital Controlled Machines | 數位控制機具

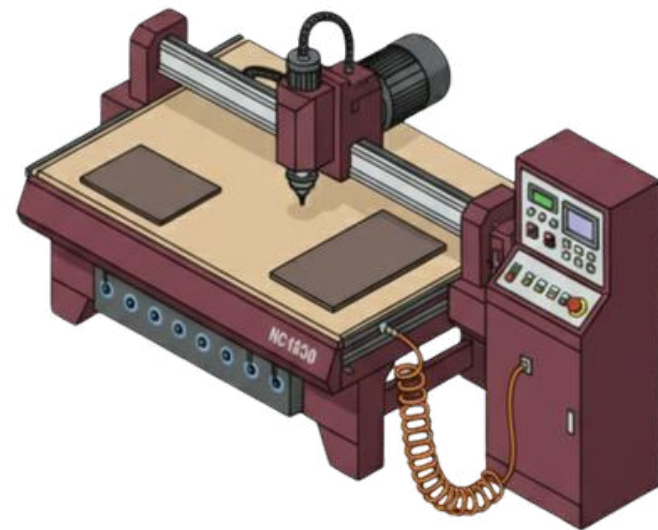
C1



2D CNC Panel Saw

2D CNC 開板機

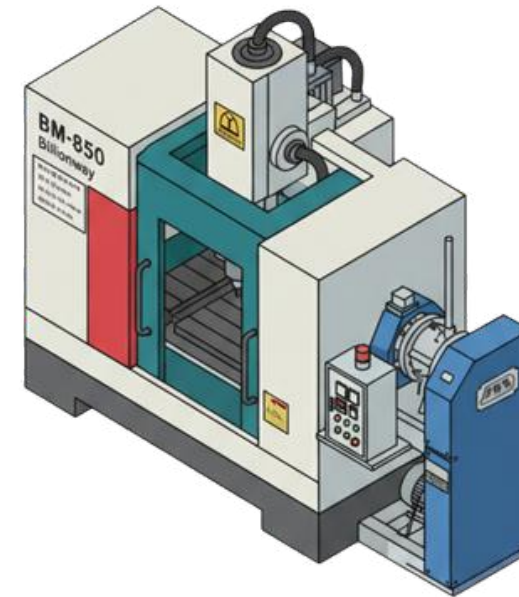
C2



3-Axis CNC Router

3-Axis CNC木工雕刻機

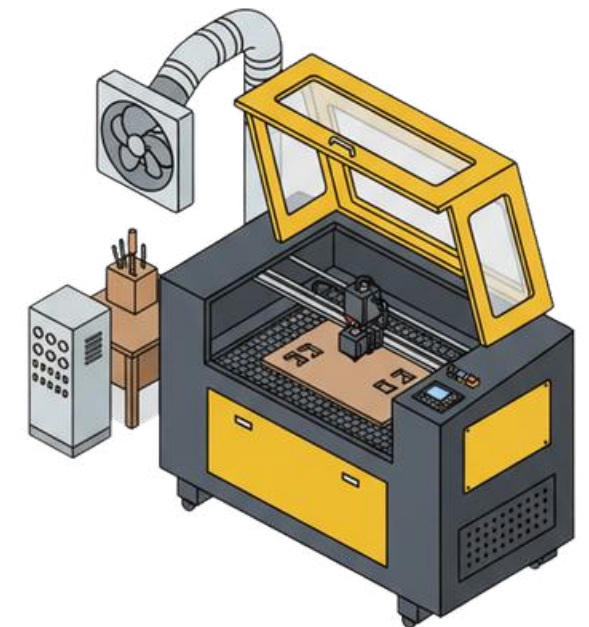
C3



3-Axis CNC Milling Machine

3-Axis CNC三軸銑床

C4



Laser Engraving Machine

雷射雕刻機



Board Applications

加工端

Xrío

● Manual / Operator-Guided Tools | 人工操作機具

C 5



Air Compressor System 空壓系統

C 6



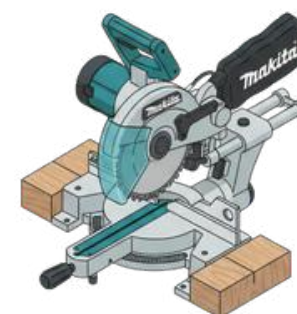
Portable Sliding Table Saw 推台鋸

C 7



Jig Saw
線鋸機

C 8



Cutting Machine
切斷機

C 9



Circular Saw
手提圓鋸機

C 10



Drill & Impact Driver
電鑽 & 衝擊起子機

C 11



Trim Router
修邊機

C 12



Sanding Machine
打磨機

C 13



Air Blow Gun
吹氣噴槍

C 14



Hand Plane
刨刀

● Pin nails may complicate the recycling process by requiring additional nail removal. Use only when necessary.

● 使用蚊釘會增加後續回收時的除釘作業，若非必要，建議避免使用。

Circular Line Investment Overview

循環產線投資概覽

L Local Entry | EPS Densifier 在地回收 | 減容端

 Investment:
US\$22,300–90,000

 Facility Area:
15~25 m²

A.Pelletizing 造粒端

 Investment:
US\$100,000–290,000

 Facility Area:
300–700 m²

B.Board Extrusion 製材端

 Investment:
US\$190,000~ 480,000

 Facility Area:
350~800 m²

O Origin Entry | Shredder 原點 | 破碎端

 Investment:
US\$35,000~115,000

 Facility Area:
20~40 m²

C.Applications 加工端

 Investment:
US\$85,000~223,000

 Facility Area:
100~200 m²

1. Investment and facility area are preliminary estimates. Actual requirements may vary by equipment specifications, production capacity, line configuration, workflow planning, maintenance clearance, and local safety regulations.

投資金額與場地面積為初步估算，實際需求將依設備規格、產能配置、產線串連、動線規劃、維修空間與當地安全法規調整。

2. 2025.09 Draft Estimate | Costs and facility requirements may vary by equipment specifications and market conditions.

025.09 草案估算 | 成本與場地需求可能因設備規格與市場行情而調整。

THANK YOU

From Zero to Zero

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Build Your Circular
Economy Production Line



www.xrio.tw

