TOE TROLLER
COATING SECRET

Murgenthal, May 21st, 2026

Innovations
創新

Cleaning Station for Slot Dies
狹縫式模具清洗站

Cleaning Station for Slot Dies狹縫式模具清洗站

- Die type: **slot die** 狹縫式模具
- Number of layer: **1 (2-layer – on request**
  層數: 1 層 (2 層可依要求提供)
- **Different flow selection valves**不同的流量選擇閥
- Pump for the cleaning fluid 泵浦
  1 or 2 pulsating pumps for (1 或 2 台脈衝泵)
  1 or 2 different solvents (輸送 1 或2 種不同的溶劑)
- Barrell for fresh cleaning fluid and waste fluid
  用於盛裝乾淨清潔液和廢液的桶
  each 1 piece for single layer dies 單層模具每件1片



Cleaning Station for Slot Dies狹縫式模具清洗站
Recommendation for special high-performing cleaning agent
推薦一種特殊的高效清潔劑

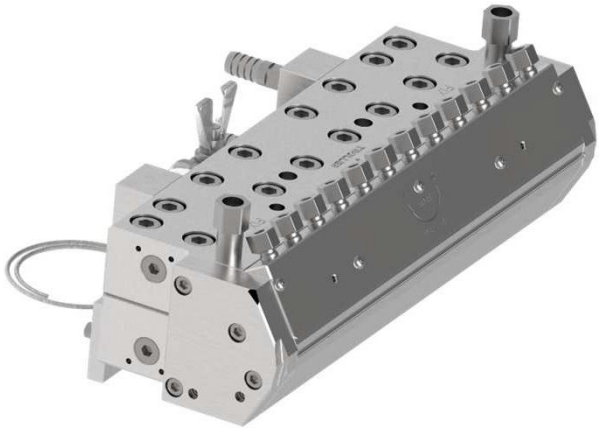
Advantages 優點:

- free from halogenated and aromatic solvents - 不含鹵代烴和芳香族溶劑
- free from CMR-substances 不含 CMR 物質
- very mild labelling 常輕微的標記
- no corrosive effect on metal surfaces 對金屬表面無腐蝕作用
- no dangerous goods 無危險品
- very high bath loading capacity = long service life 極高的浴槽裝載能力 = 超長的使用壽命
- very high dissolving power溶解能力極強

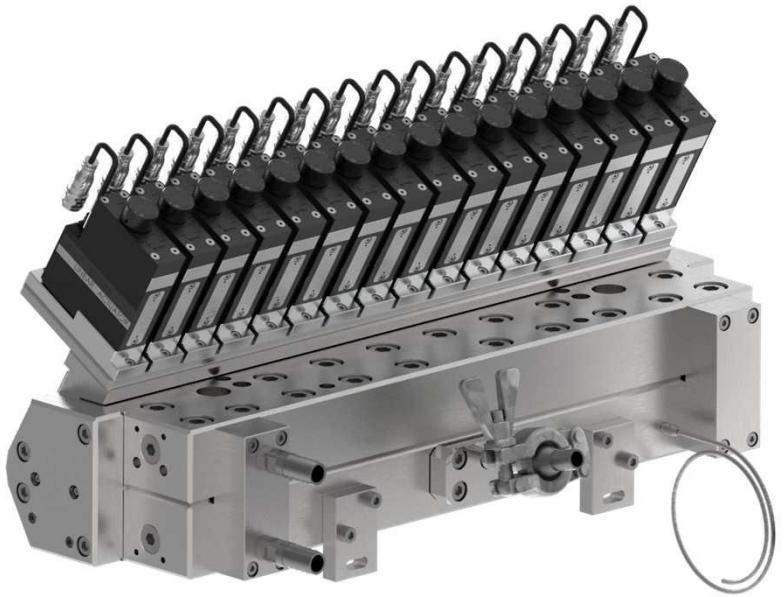
Slot Die with Flex Lip
狹縫模具有彈性模唇

Slot Die with Flex Lip 狹縫模具有彈性模唇

manual adjustable
手動調節

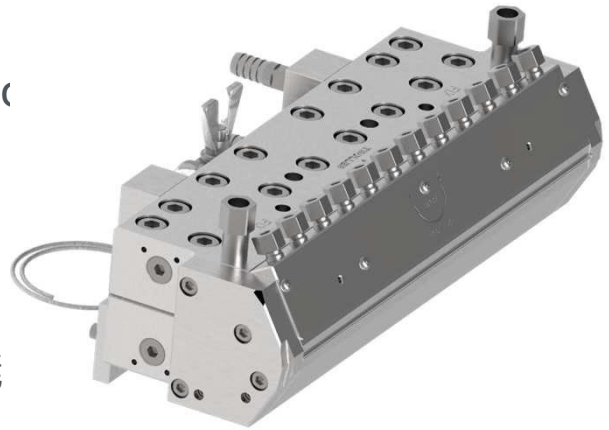


automatically adjustable
自動調節



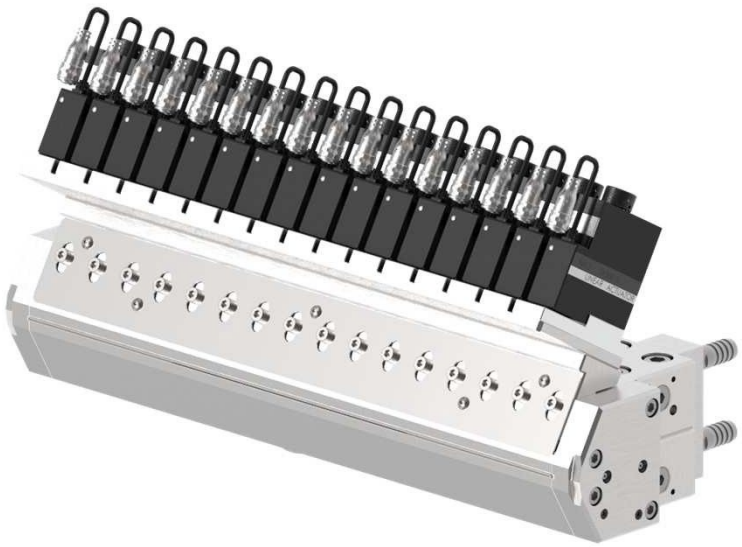
Slot Die with Flex Lip manual adjustable　狹縫模具有彈性模唇手動調整

– Number of layer: 1　層數: 1
– Dual cavity design　雙腔設計
– Flushing port on request　可依要求提供沖洗端口
– Adjustable die lip for fine-tuning of the outer slot height in case o profile deviations 可調式模唇，用於在涂層偏差的情況下微調外槽高度
– Fine adjustment of the lips using adjustment screws, with pull and push function透過調整螺絲對模唇進行微調，具有拉推功能
– Gap accuracy of the outlet slot is verified by measuring with tapered gauges出料槽間隙精度，透過斜度規去測量進行驗證。



Slot Die with Flex Lip automatically adjustable 狹縫模具有彈性模唇 自動調整

- Number of layer: 1 層數: 1
- Dual cavity design雙腔設計
- Flushing ports on request可依要求提供沖洗端口
- Adjustable die lip for fine-tuning of the outer slot height in case of profile deviations in closed control loop with coat weight measurement device
- 可調式模唇，用於在閉環控制中微調外槽高度，以應對涂層偏差，並配備塗層重量測量裝置
- Fine adjustment of the lips using adjustment elements, with pull and push function
  透過調整元件進行模唇微調，具備拉推功能
- Gap accuracy of the outlet slot is verified by measuring with tapered gauges
  出料槽間隙精度，透過斜度規去測量進行驗證。



R&D Slot Die

R&D Slot Die 模具研發

- Max. coating width最大塗層寬度: **100mm**
- Number of layer層數: **1 or 2-layer**
- Slot precision狹縫精度: **±3µm**
- Internal surfaces precision ground
  內部表面精密研磨
- **Shim design** to adjust the desired slot depth and coating width墊片設計用於調節所需的槽深和塗層寬度
- Adjustable **lip offset** 可調式唇邊偏移量
- Material 材質: **DIN 1.4404**
- **Single cavity design 單腔設計**
- Dead volume 體積 **7.7ml**

