

N A R R O W

G A P

C O A T I N G

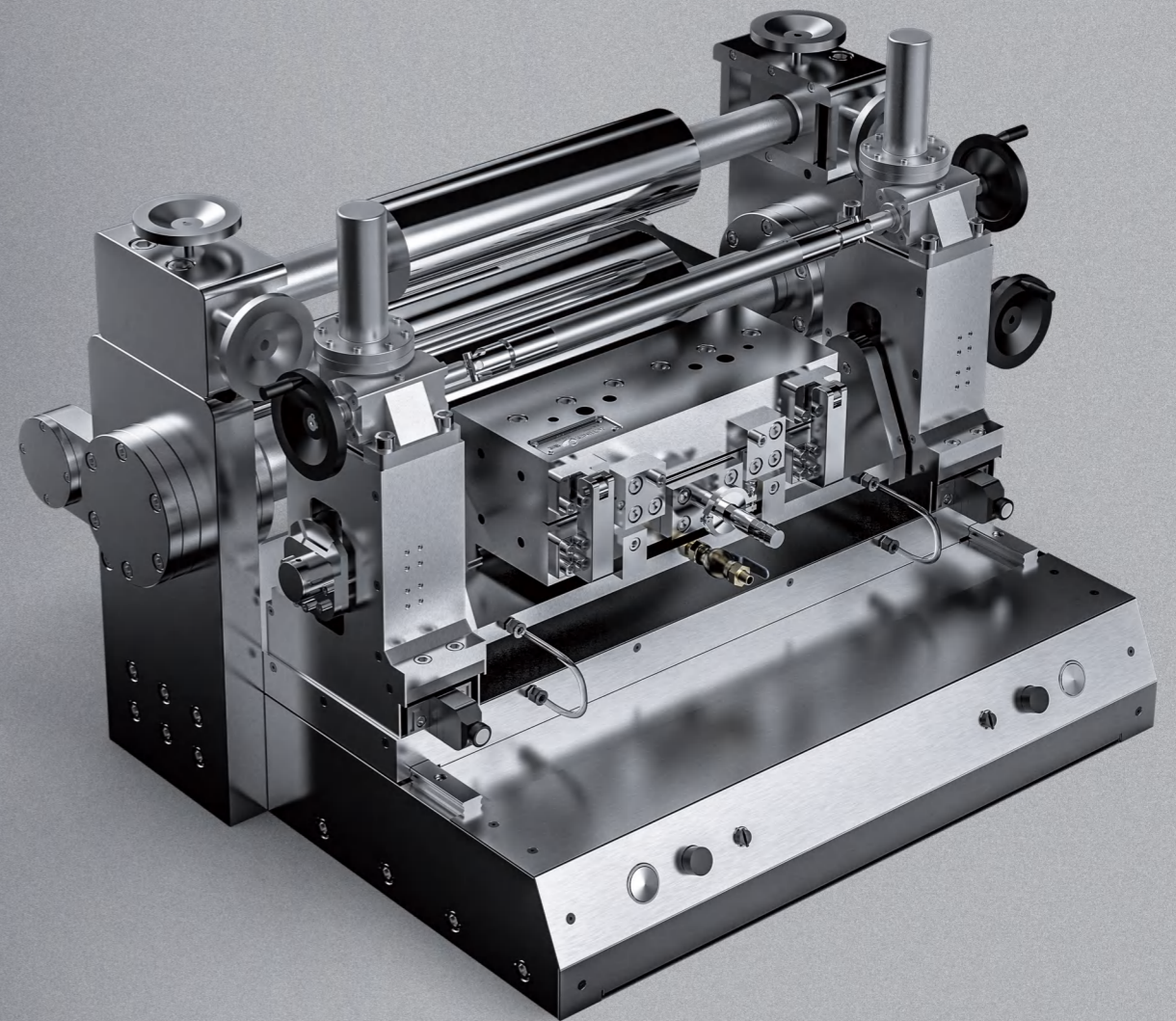
D I E

From
Dreams
to
Reality

知您所需
创您所想

Narrow Gap Coating Die

JCtimes provides high precision coating dies and innovative solutions to users worldwide with its breakthrough innovative technology, relentless pursuit of precision, and stringent quality control.



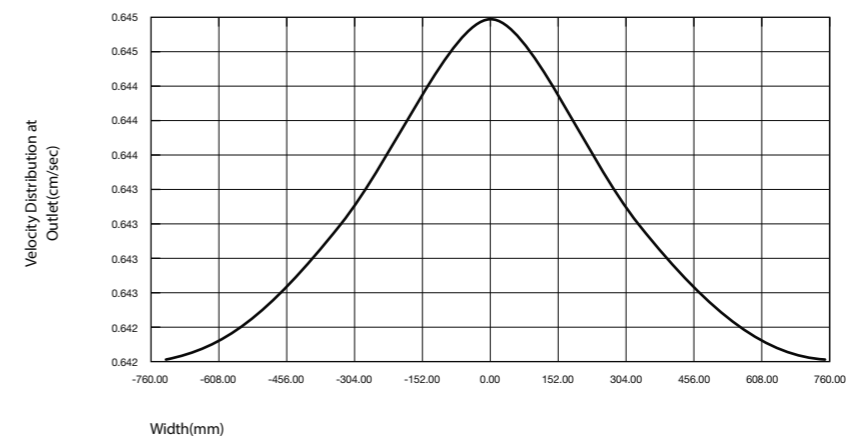
精诚以突破性的创新技术, 对精密的不懈追求, 严苛的品质把关,
向全球用户提供高精度涂覆模头及创新解决方案。

04 Manifold Design

Rheological analysis technology and unique enable stable and uniform flow of coating liquid. The shearing force in the die is controlled to the minimum, and the coating is uniform and streak-free.



流速分布
Velocity Distribution at Outlet



流变分析技术及独特的流道设计, 使涂液稳定均匀流出, 模头内的剪切力控制到最小, 涂覆均匀、无条纹。

06 High-Precision

Micro-contact super mirror polishing with a surface roughness of 0.01-0.02 μm .

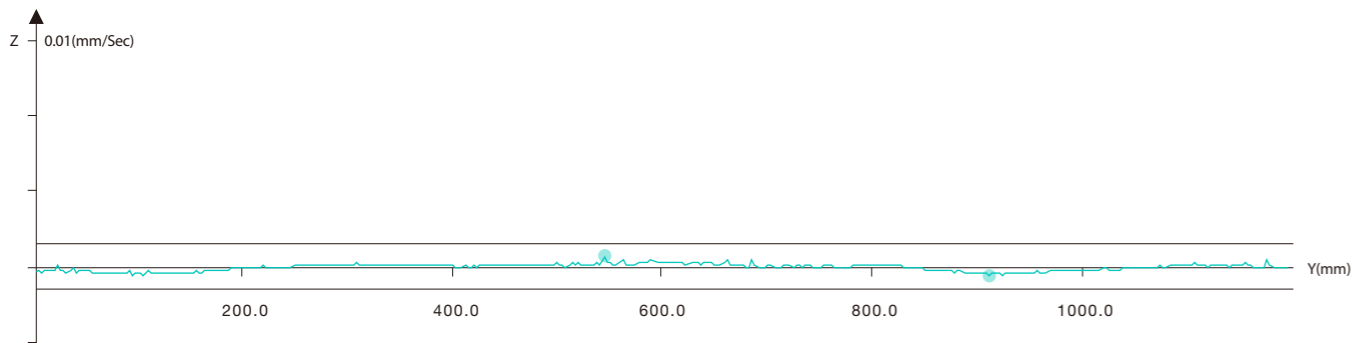
Die lip tip angle $R < 0.01\text{mm}$, minimum $R = 0.002\text{mm}$.
Die lip straightness within $2\mu\text{m}/\text{m}$, $4\mu\text{m}/1.6\text{m}$ at 23°C .

Uniformity of thickness across the coating width will be achieved.

0.0023 μm

定型段直线度达0.0023 μm

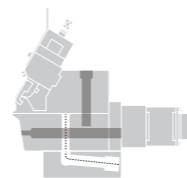
Lip land of shaped section up to 0.0023 μm



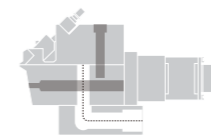
定型段直线度检测
Straightness Inspection of Shaping Section

微接触超镜面抛光，光洁度达到0.01-0.02 μm 。
模唇尖角 $R < 0.01\text{mm}$ ，最高 $R = 0.002\text{mm}$ 。
在 23°C 条件下模唇平直度 $2\mu\text{m}/\text{m}$ 、 $4\mu\text{m}/1.6\text{m}$ 以内，
在涂覆宽幅范围内的厚薄均匀性得到实现。

Mold of Coating Dies 常规涂覆模头型号



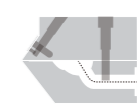
JC-C-0101型
Coating Dies



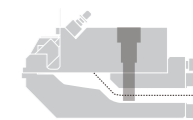
JC-C-0102型
Coating Dies



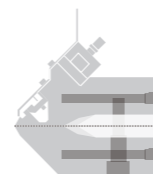
JC-C-0201型·常温
Normal Temperature
Coating Dies



JC-C-0202型·常温
Normal Temperature
Coating Dies



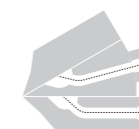
JC-C-0301型·常温
Normal Temperature
Coating Dies



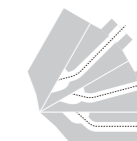
JC-C-0401型
Coating Dies



JC-C-0501型
Coating Dies



JC-C-0601型·模内复合
Multi-layer Manifold
Coating Dies



JC-C-0202型·模内复合
Multi-layer Manifold
Coating Dies



.....



The coating die is widely used in medical and health, smart wear, smart home, 5G, new energy vehicles, aerospace and other fields.

涂覆模头广泛应用于医疗健康、智能穿戴、智能家居、5G、新能源汽车、航天航空等领域。

精诚时代集团

浙江精诚模具机械有限公司
浙江台州黄岩新前建业路88号



WeChat
Public Account



JC-times.
com

JCTIMES GROUP

ZHEJIANG JINGCHENG MOLD MACHINERY CO., LTD

NO.88, Jianye Road, Intelligent Mold Town,
Huangyan, Taizhou, Zhejiang, China

400 889 9977