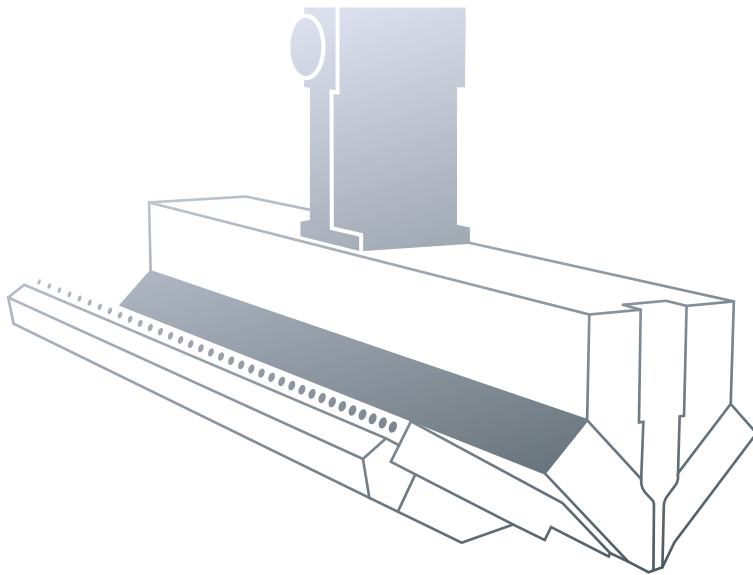


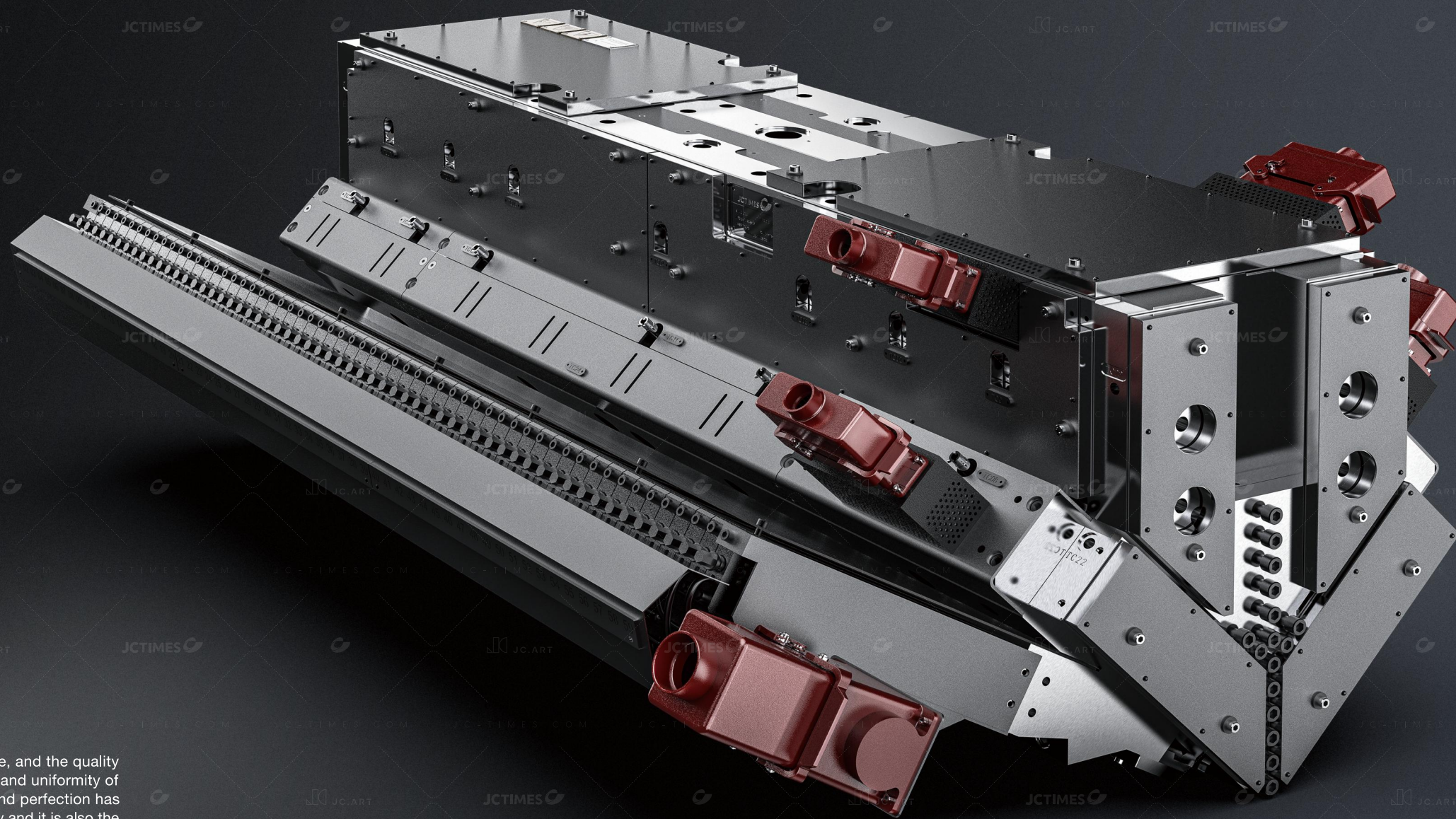


BIAXIALLY-ORIENTED FILM DIE

From
Dreams
to
Reality

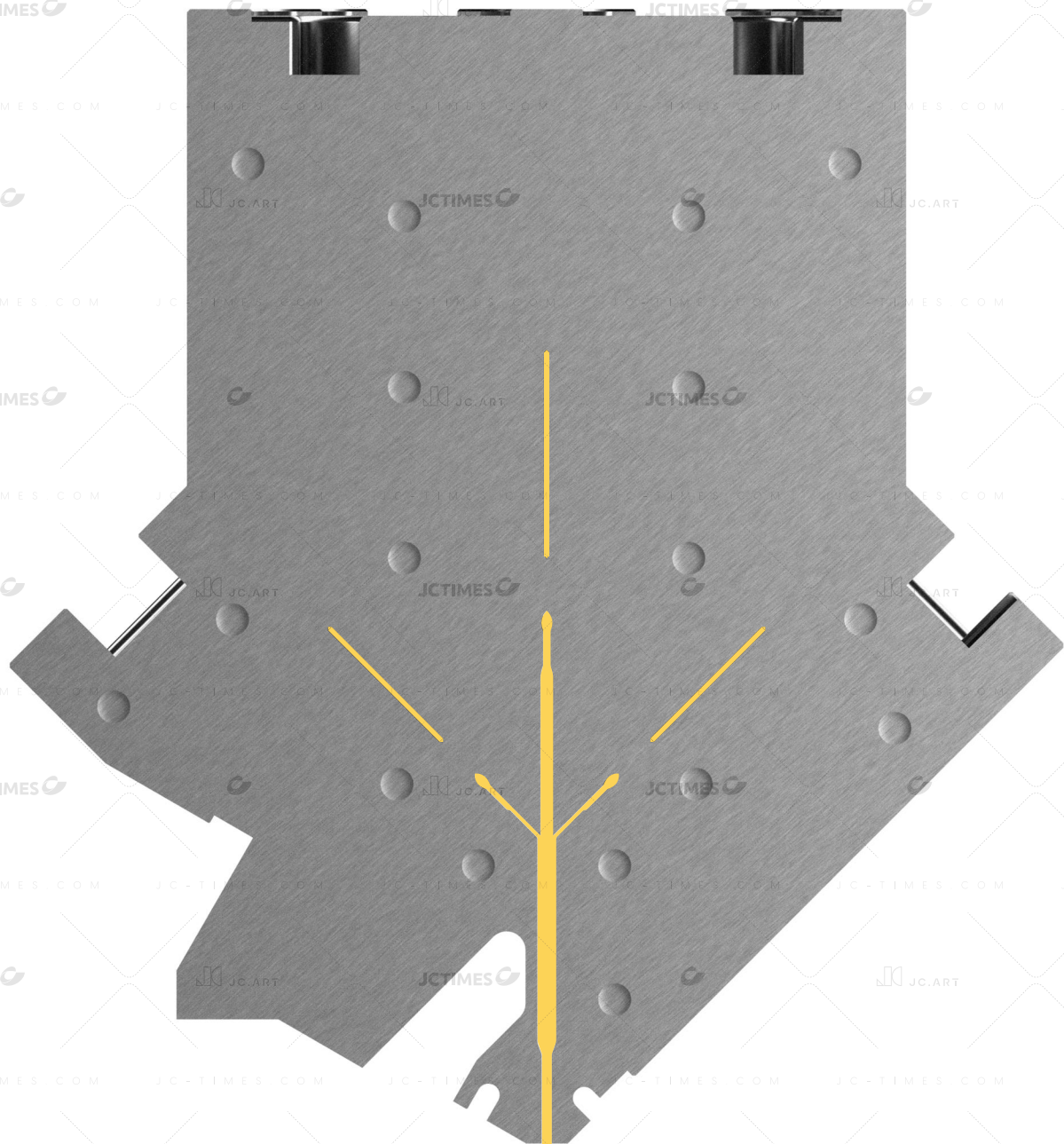
知您所需
创您所想

02 Biaxially-Oriented Film Die



Bi-oriented film requires the highest precision of die, and the quality of die plays a key role in the stability of production and uniformity of film thickness. The relentless pursuit of precision and perfection has made JCTimes the label of high quality in the industry and it is also the core of the brand - the mix of technology and aesthetic.

双向拉伸薄膜对模头精度要求极高，模头的品质对生产的稳定性、薄膜厚薄均匀性起到关键作用。对精密和完美的不懈追求，使精诚在行业内成为高品质的标签，也是品牌核心——科技与艺术的融合。



High
precision die is
derived from
our pursuit of quality.
Finding the beauty
of
craftsmanship
with our
best effort.

高精密模头的解决之道，源自对品质的追求，
极尽所能，寻觅匠之美。

Precision Machining and Inspection

高精密模头解决之道
精密加工与检测

0.007 mm/m

模唇直线度0.007mm/m

Die lip straightness 0.007mm/m

Ra0.01 μm

模唇光洁度Ra0.01 μm

Die lip surface roughness Ra0.01 μm

常见宽幅500mm-3000mm,单层或多层,制品厚度0.005mm-0.2mm。
可根据任意宽幅、复合比例及层数和产能等需求量身定制。

06 Solution for High Precision Die

Common width 500mm-3000mm, single or multi-layer, product thickness 0.005mm-0.2mm.
Product can be customized from any width, layer ratio, to number of layers and production capacity.

国内首创激光硬化
与铬层无缝对接技术

R0.01

模唇尖角R0.01mm以下

Die lip tip angle R0.01mm or less



Automatic Die Lip Adjustment System

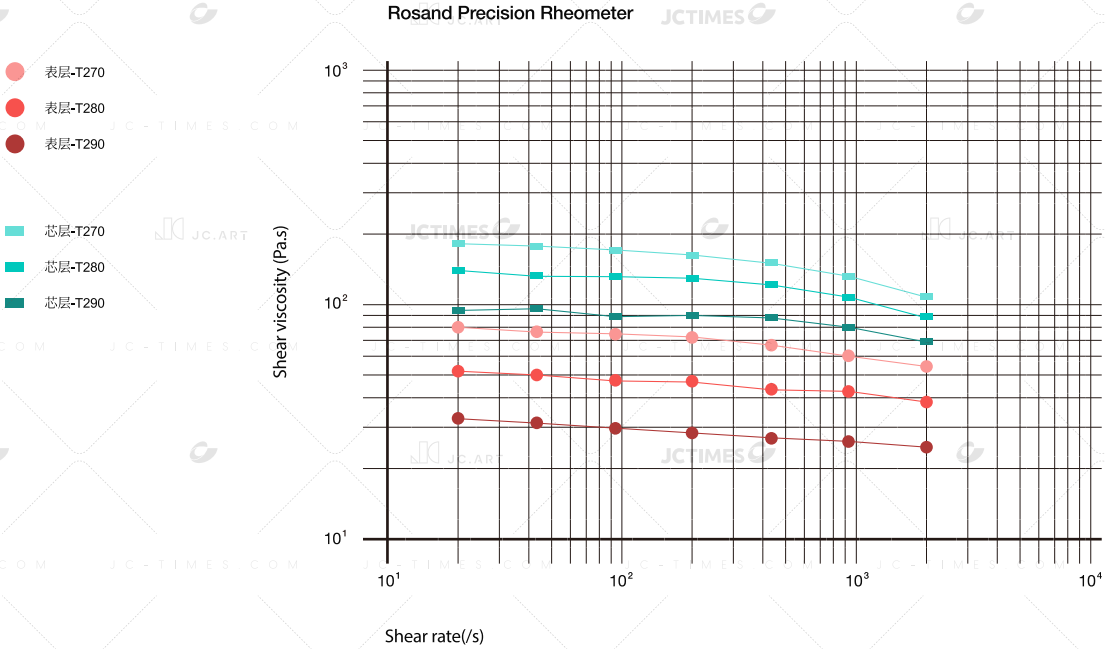
Adopting automatic die lip adjustment structure, the die lip can be adjusted quickly and precisely.
It can effective control product precision.

自动微调结构

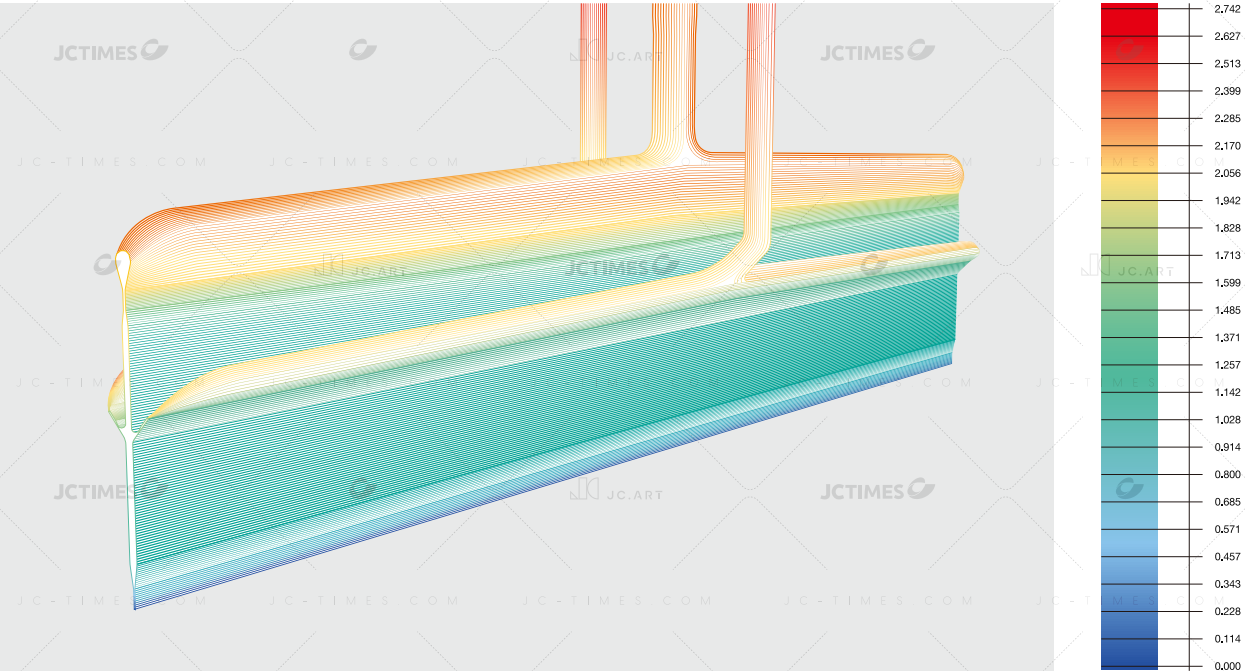
采用自动微调结构, 模唇调节快速精准,
有效控制制品精度。

10 2.5D Analysis System

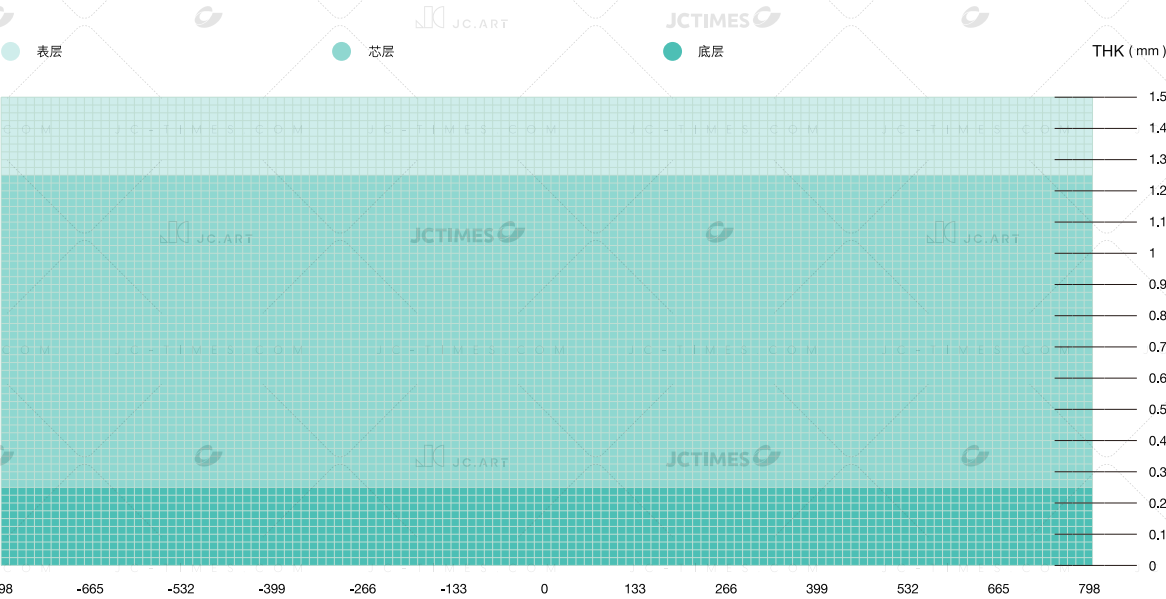
剪切速率和剪切粘度的关系曲线
The relationship between shear rate and shear viscosity



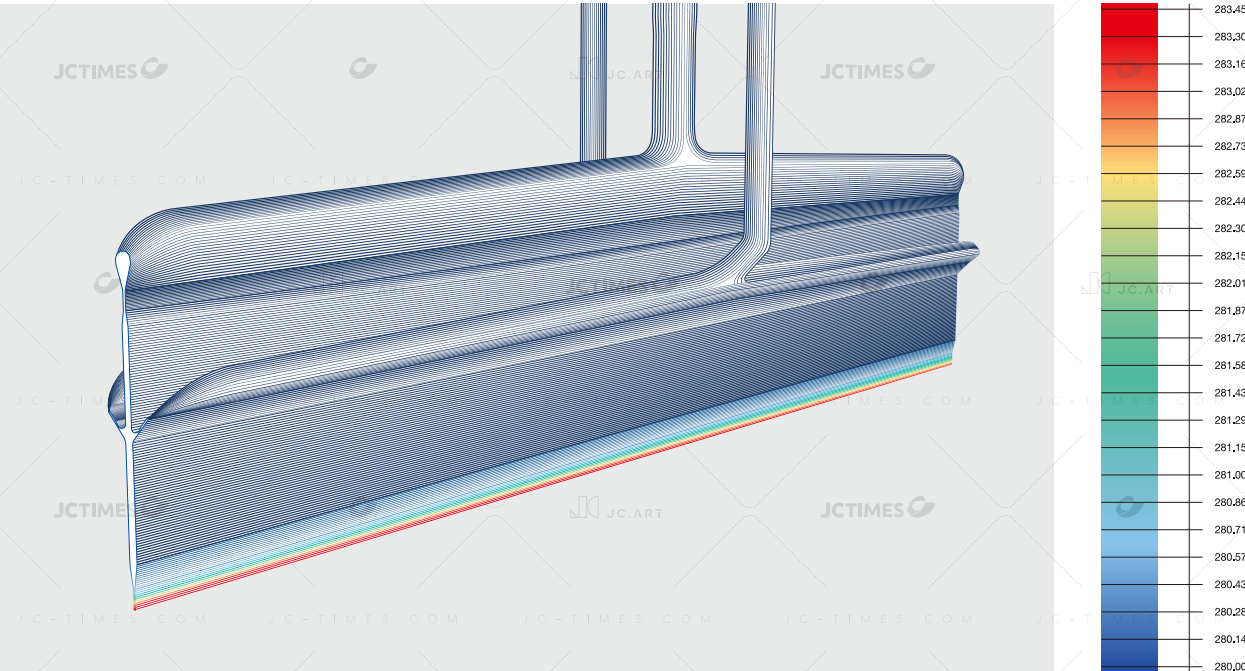
模腔压力分布
Mold cavity pressure distribution

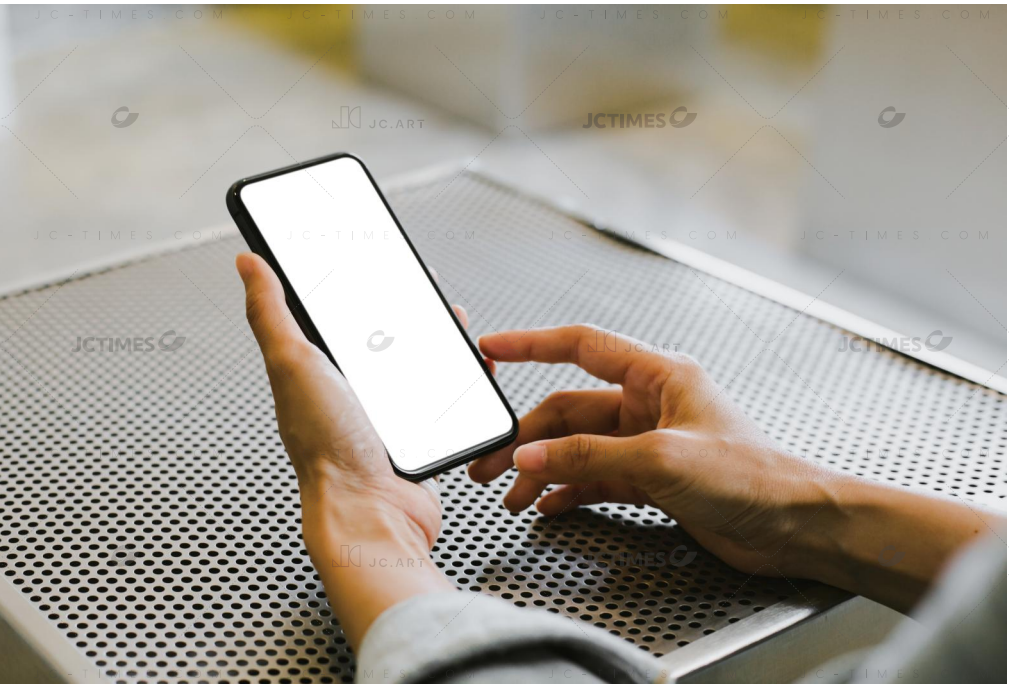
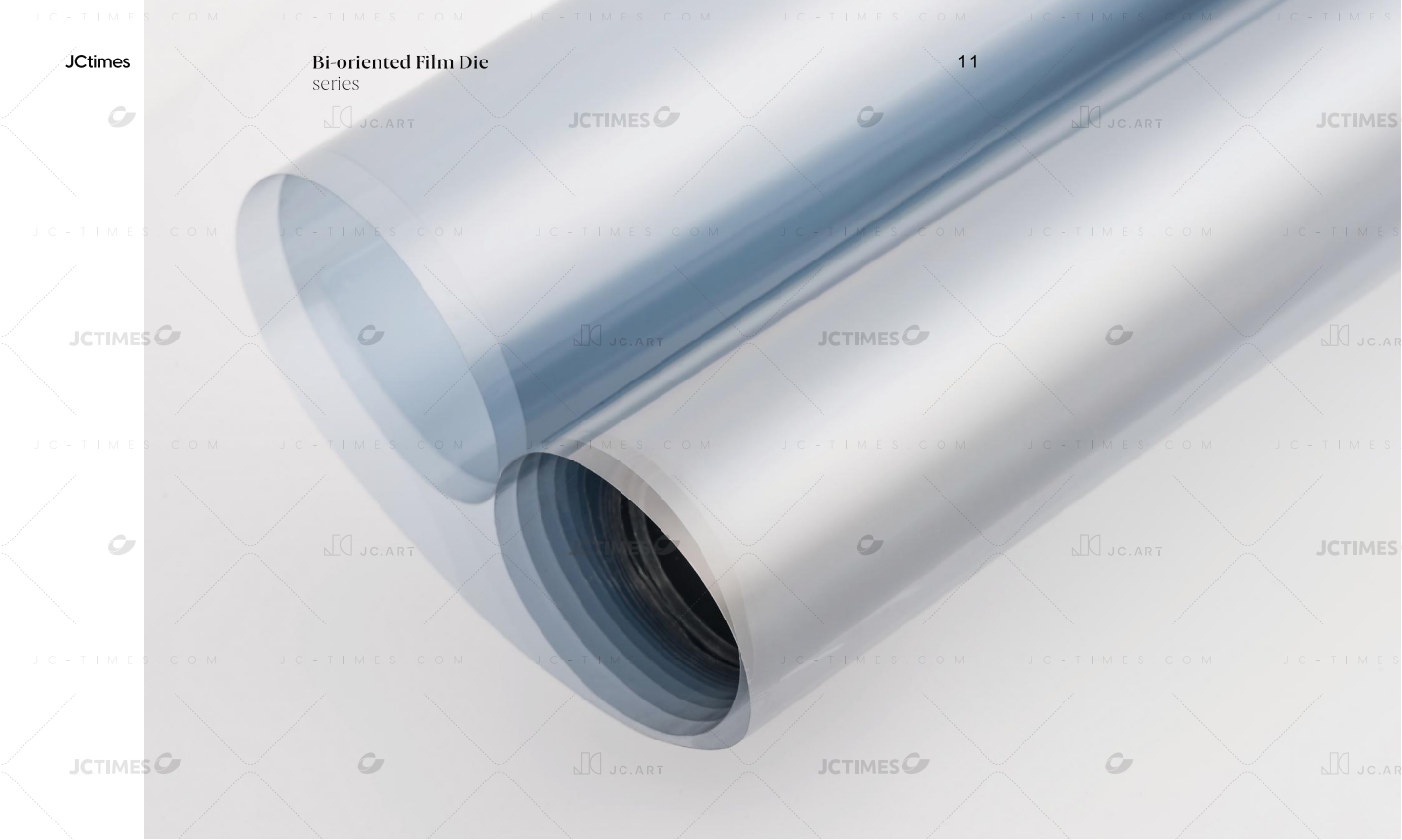


1596mm三层模内共挤模头 模唇出口各层厚度
1596mm three-layer in-mold co-extrusion die head
Thickness of each layer at die lip exit



模腔温度分布
Mold cavity temperature distribution





With excellent mechanical and optical properties, biaxially oriented films have irreplaceable advantages in the fields of flexible package materials, solar backsheets, lithium-ion battery membrane, etc.

双向拉伸薄膜具备优异的机械和光学性能，
在软包材料、太阳能背板、锂离子电池隔膜等领域有无可替代的优势。

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