

Sheet Extrusion Die for Plastic Sheets

This sheet extrusion die is designed for processing various plastic sheets including PVC, EVA, HDPE, PE, and PP. It features a robust construction that ensures consistent sheet thickness and width control.



Product Overview

High-Precision Sheet Extrusion Die

This versatile extrusion die is engineered for the high-quality production of various plastic sheets, including TPU, CPP, PE, PVC, and HDPE. With a customizable width range from 300mm to 8000mm and a thickness capability of 0.2-25mm, it offers exceptional flexibility for diverse manufacturing needs. The system features advanced fine-tuning mechanisms to ensure consistent output and precision surface finishes.

Technical Specifications

Product Thickness

0.2 mm Minimum Thickness	25 mm Maximum Thickness
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Supported Materials	TPU, CPP, CPE, PP, PE, PVC, EVA, LDPE, HDPE, BOPP, PVB, PC
Die Width	300mm - 8000mm (customizable)

Construction & Materials

Die Body Materials

- 2738 (Germany)
- S316
- 718
- 5Crinimo
- P20

Surface Properties

Surface Area	Roughness
Lips and flowing surface	0.02-0.03 μm
Other surfaces	0.03-0.04 μm

Chrome Plating Thickness	0.04 mm
Surface Hardness	60-70 HRC

Adjustment Systems

Fine-Tuning Systems

- Manual full push flexible fine-tuning
- Automatic full push flexible fine-tuning
- Manual push & pull fine-tuning
- Automatic push & pull fine-tuning