Flat die
Cast film

Flat dies for the production of monolayer and multilayer cast films. Fine profile control by manual or automatic flex lip adjustment. Perfect film quality due to optimized external or internal deckling systems for a minimum distance between the die gap and the casting roll. Reduced raw material costs by internal edge encapsulation.
# Flat die

## Portfolio for cast film

<table>
<thead>
<tr>
<th>Type</th>
<th>Two-part die body with flex lip in the upper die body with an adjustment range of 2.5 mm</th>
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</thead>
<tbody>
<tr>
<td><strong>Applications</strong></td>
<td>CPP film, CPE film, barrier film for food packaging, hygiene film, medical film, technical film, surface protection film, etc.</td>
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<tr>
<td><strong>Raw materials</strong></td>
<td>PP homo, PP copo, PET, LDPE, LLDPE, HDPE, PA6, EVOH, EVA, TPU, PLA, etc.</td>
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<tr>
<td><strong>Width range</strong></td>
<td>75 – 8000 mm</td>
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<tr>
<td><strong>Die gap range</strong></td>
<td>0.05 – 1.2 mm</td>
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</tbody>
</table>

**Options**

- **Die lip adjustment:**
  - Manual push, manual push with differential adjustment, manual pull/push combination, automatic push, automatic pull/push
- **Width adjustment:**
  - External or internal deckling, combination of internal and external deckling, internal deckling with edge encapsulation
  - Edge encapsulation
- **Die lip heating**
- **Rapid Flex**
- **Die body insulation**
- **Lip inserts**
- **PAM Option**

**Surface coatings**

- Chrome, multilayer chrome, CrN mod, special polymer coating, tungsten carbide