



Reifenhäuser

EXTRUSION SYSTEMS

The Extrusioners



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

Type	<ul style="list-style-type: none"> - Two-part die body with flex lip in the upper die body with an adjustment range of 2.5 mm - Thermo-bolt distance of 30 mm - External side plates, optional heated - Thermo couple wired on multi-pin plug 	Options	<p>Die lip adjustment: Manuel push, manual push with differential adjustment, manual pull/push combination, automatic push, automatic pull/push</p> <p>Width adjustment: External or internal deckling, combination of internal and external deckling, interne deckling with edge encapsulation, motorized deckling</p> <p>Edge encapsulation</p> <p>Die lip heating</p> <p>Rapid Flex</p> <p>Die body insulation</p> <p>Lip inserts</p>
Applications	CPP film, CPE film, barrier film for food packaging, hygiene film, medical film, technical film, surface protection film, etc.		
Raw materials	PP homo, PP copo, PET, LDPE, LLDPE, HDPE, PA6, EVOH, EVA, TPU, PLA		
Width range	75 – 7,000 mm		
Die gap range	0.05 – 1.2 mm	Surface coatings	Chrome, multilayer chrome, CrN mod, metal amorphous, special polymer coating, tungsten carbide

Cast film die setup

Smart	Manual flexible lip adjustment and external deckling
Advanced	Automatic flexible lip adjustment with external or internal deckling
Premium	Automatic flexible lip adjustment with internal deckling and edge encapsulation
Select	Multi-manifold dies for special applications