

SK•Machinery®

TWIN-II High-speed Edge Slitting Knife For Blown Film Extrusion



SK-Machinery® Twin-II High-speed Edge Slitting Knife is a side-cutting system manufactured as a right and left side pair.

The knife is used for side-cutting both at high web speeds or in applications where low friction is an absolute must.

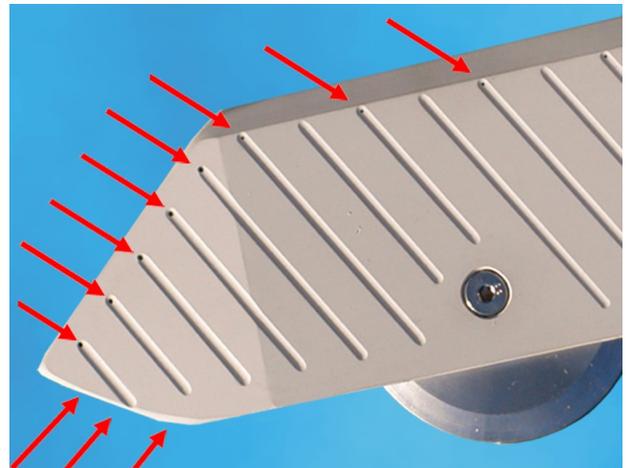
The knives are suitable for side cutting of "all kinds" of lay-flat films in blown film lines - i. E. "sticky" thin film or Heavy-duty lay-flat HD- and LLDPE within the range of 18 to 500 micron.

The TWIN-II Knives are delivered as a set - consisting of a right and left side pair.

FEATURES & BENEFITS

The SK-Machinery® TWIN-II Knife System with grooved V-shaped guide combined with double air control valves provides:

- Ball bearing driven stainless steel guide wheels
- Bracket for easy exchange of razor blades during production
- Air supply 1/8" connections
- 2 adjustable valves for air velocity
- Inlet of slitting beam covered with air nozzles for even "air cushion"
- Back of slitting beam covered with small air nozzle holes to ensure good "air cushion"
- Assembly holes for installation
- Sharp V-shaped guiding zone for easy separation of the web
- Perfect lay-flat web separation due to the 26 nozzles:
 - 1 + 3 Wedge-nozzles • 2 x 5 Front-nozzles • 2 x 6 Side-nozzles
- Quick change of the knife cutting position, extends the life time of the slitting blades several times



The Unique Nozzle System secures an absolute minimum of friction

The combination between the V-shaped guide and the nozzle system results in a perfect film separation at high as well as low web speed.

Full air control at any web speed - by means of doubled air valves - which can be adjusted directly on the unit - during the slitting process.

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Specialized Machines and Equipment for the Plastic Processing Industry

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TWIN-II High-speed Edge Slitting Knife For Blown Film Extrusion



The Guiding Tracks as well as the Guiding Wheels are made of "case-hardened steel" -which ensures a very long lifetime with an absolute minimum of abrasion!



The Spring Torque Unit is very compact design and will be delivered as a set

DESCRIPTION

The torque can easily be adjusted directly on the unit - during the slitting process.

When the need for torque is obtained according to the draught requirements from the film - the clamping device is easily secured by means of the fixing crank position in the center of the unit.

The adjustable integrated torque unit combined with the TWIN-II knife unit results in a steady and very reliable continuously control of the side-cutting process.

This assures a perfect film separation and a problem-free web cutting at any film speed.

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