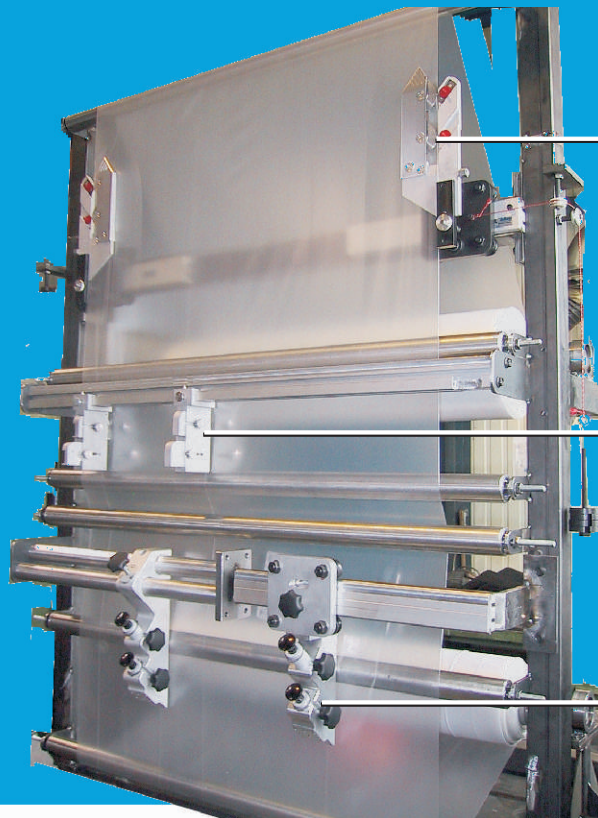


# Film cutter

## Slitting devices

### Some benefits:

- \_ high precisely CNC manufactured parts
- \_ carrier plate made in extremely solid Aluminium
- \_ Inox and brass made wear parts
- \_ solid construct. for cutting thickness up to 0,5 mm
- \_ very fast change of magnetic holded blades
- \_ different cutter types for many applications
- \_ direct operation at the production place
- \_ constructed for the 24h use



**Form E**

**Form F**

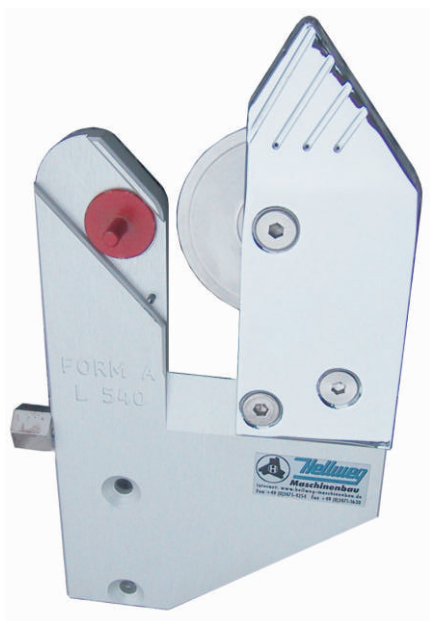
width slitting

**Form D**

width slitting  
strong version

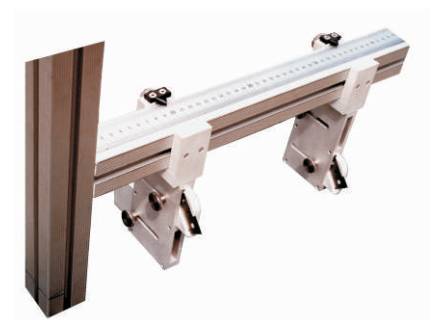
## Blown films brought into shape – with a sharp cut

### Film cutters for blown film applications



Form A

Film cutters from Hellweg are used in blown film lines to cut open the laid down blown film, e.g. in HDPE, LDPE, LDPE, etc, and to convert them into web strip form. Cutting of the film takes place here with commercially available high sharpness cutting blades with long working lifetime, which are held against a stop plate in the film cutter housing and additionally held in place by magnets. The low maintenance film cutters are fitted with quick-change devices that enable changing of blades during running production.



Form F (with adjustment device)

[more >>](#)

# Hellweg granulators hold **Pole-Position**



*Hellweg Maschinenbau constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, edge strip granulators, edge strip feeding equipment, film shredders, as well as extraction and dust removal plant including accessories.*



**Hellweg**

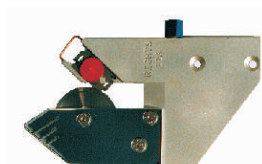
[www.cutting-mills.com](http://www.cutting-mills.com)



## Film cutter overview

Single blade appliance  
(with air connection)  
Dispositif à une lame  
(avec alimentation en air)

**Form A**

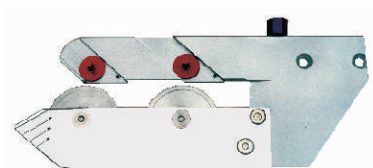


Film cutter / Side cutting device

Dispositif de coupe latérale Pour l'ouverture bilatérale d'une feuille de forme tubulaire

Double blade appliance  
(with air connection)  
Dispositif à doubles lames  
(avec alimentation en air)

**Form E**



Film cutter / Side cutting device

Dispositif de coupe latérale Pour l'ouverture bilatérale d'une feuille de forme tubulaire

Double blade appliance  
(for changing each)  
Cartouche échange  
méthode

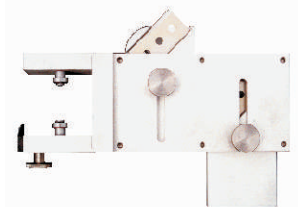
**Form D**



Edge strip cutter with changing blade  
cartridge to define the width of the foil strips  
Coupefilm pour bavures avec cartouche de lames  
de rechange pour la détermination de la largeur  
des bandes de films

Double blade appliance  
(for changing each)  
Cartouche échange  
méthode

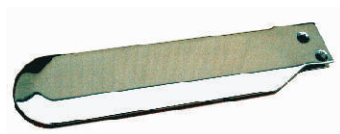
**Form F**



Edge strip cutter with changing blade cassette  
to define the width of the foil strips  
Coupefilm pour bavures avec cassette de lames de  
rechange pour la détermination de la largeur des  
bandes de films

Pleat sword of highstrength,  
polished aluminium.  
Lame de pliage en aluminium  
haute résistance et poli

**Pleat-  
sword**



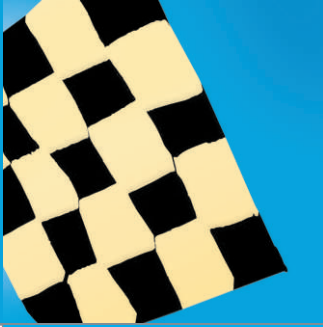
Pleat sword for pleating the foil tube

Lame de pliage pour déplier le boyau de film

**Test it !**

**Hellweg Maschinenbau** GmbH & Co.KG  
Vennstr. 10 · 52159 Roetgen / Germany  
Fon +49 2471 4254 · Fax +49 2471 1630  
[info@hellweg-maschinenbau.de](mailto:info@hellweg-maschinenbau.de)  
[www.hellweg-maschinenbau.de](http://www.hellweg-maschinenbau.de)

# Hellweg granulators hold **Pole-Position**



*Hellweg Maschinenbau* constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, edge strip granulators, edge strip feeding equipment, film shredders, as well as extraction and dust removal plant including accessories.



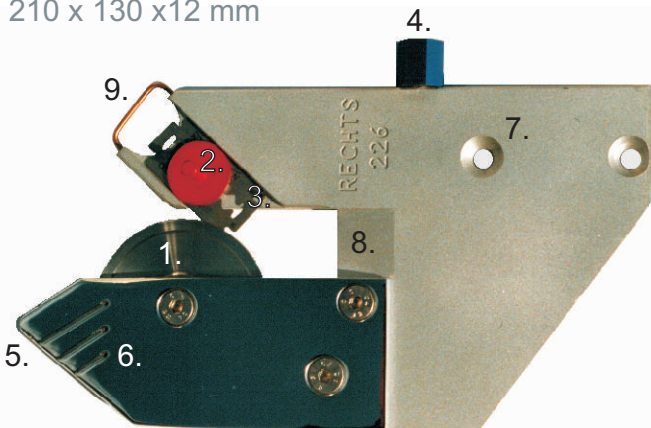
**Hellweg**

[www.cutting-mills.com](http://www.cutting-mills.com)



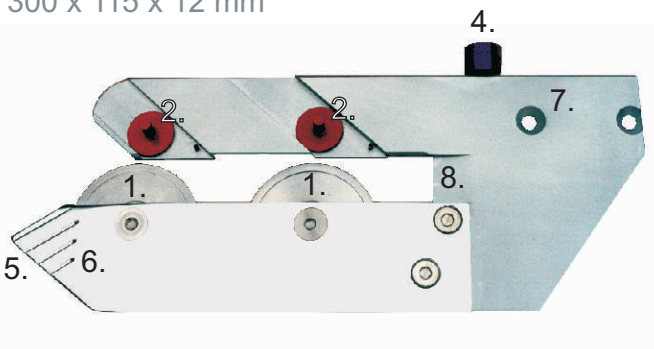
## Description: Form A & Form E

210 x 130 x 12 mm



1. Ball-bearing driven high-grade steel guide roller
2. Magnetic blade support
3. Quickly changeable standard razor blade, double support from magnet and guide zone
4. Air supply with 1/8" connection
5. Five air nozzles for putting the film in position
6. Six air nozzles for cooling the inside
7. Assembly bore holes
8. Film guide zone ensures the film moves smoothly
9. Hoop guard

300 x 115 x 12 mm



1. Guide en inox avec roulement à billes
2. Support de lames magnétique
3. Lame de rasoir usuelle à changement rapide, support double par un aimant et une zone de guidage
4. Alimentation d'air avec un raccord 1/8"
5. 5 buses d'air pour le positionnement de la feuille
6. 6 buses d'air pour le refroidissement de l'intérieur
7. Alésages de montage
8. La zone de guidage des feuilles permet un avancement aisé de la feuille
9. Bride de protection



# Hellweg granulators hold ***Pole-Position***



*Hellweg Maschinenbau* constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, edge strip granulators, edge strip feeding equipment, film shredders, as well as extraction and dust removal plant including accessories.



**Hellweg**

[www.cutting-mills.com](http://www.cutting-mills.com)

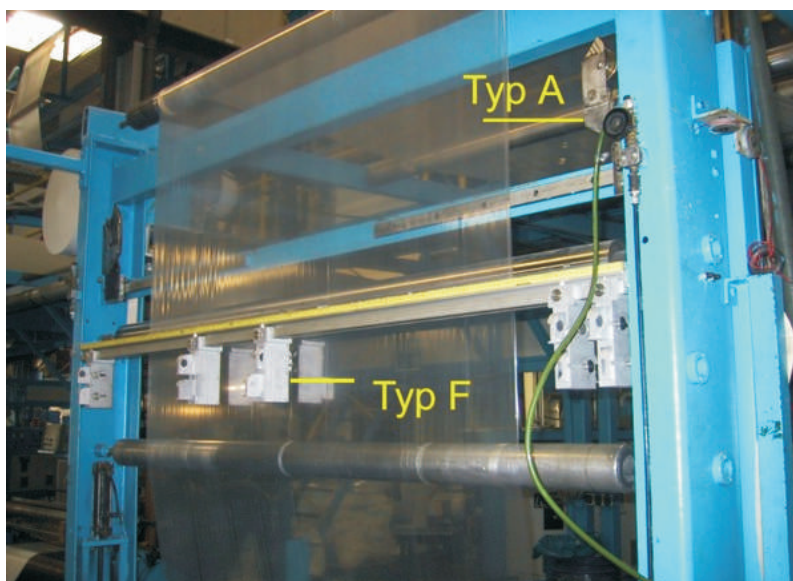


## ***method of operation***

Blown films brought into shape – with a sharp cut

*Film cutters for blown film applications*

The hose foil will be flattened at the end of the blow foil system, tightened on rolls and fed to the foil spool device. There the foil cutters of type A will be fixed movable at line guides beside the foil stripe. The cutters reach into the hose foil, which runs over guiding rolls made of high-graded steel along a chromium-plated – optional ceramic-plated – guide wedge. As a result of this a regulated and smooth guiding of the foil is guaranteed. The foil cutters are sideways mechanical kept in traction while the hose foil keeps being tightened. The guiding rolls have a little slot, in which the blade reaches. By this a sideslip of the blade is prevented and the hose foil will be cut into two foil stripes lying on top of each other, which then will be spooled separately. A protective covering prevents inadvertent contacts with the blade. The foil cutters of type A are optional fitted with a connection for compressed air. Here compressed air will continuously be fed through five air nozzles at the front. By his cohered foils will be blown apart. The foil cutters of type D are suited for the lateral sizing of foil stripes, the cutting of middle stripes and the fixing of the width of the edges (producing of thin foil spools). Therefore the cutters will be fixed movable at line guides in front of the running foil stripe. The blades reach into the foil and cut it.



**Hellweg Maschinenbau** GmbH & Co.KG  
Vennstr. 10 · 52159 Roetgen / Germany  
Fon +49 2471 4254 · Fax +49 2471 1630

[info@hellweg-maschinenbau.de](mailto:info@hellweg-maschinenbau.de)  
[www.hellweg-maschinenbau.de](http://www.hellweg-maschinenbau.de)

# Hellweg granulators hold ***Pole-Position***



*Hellweg Maschinenbau constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, edge strip granulators, edge strip feeding equipment, film shredders, as well as extraction and dust removal plant including accessories.*



***Hellweg***

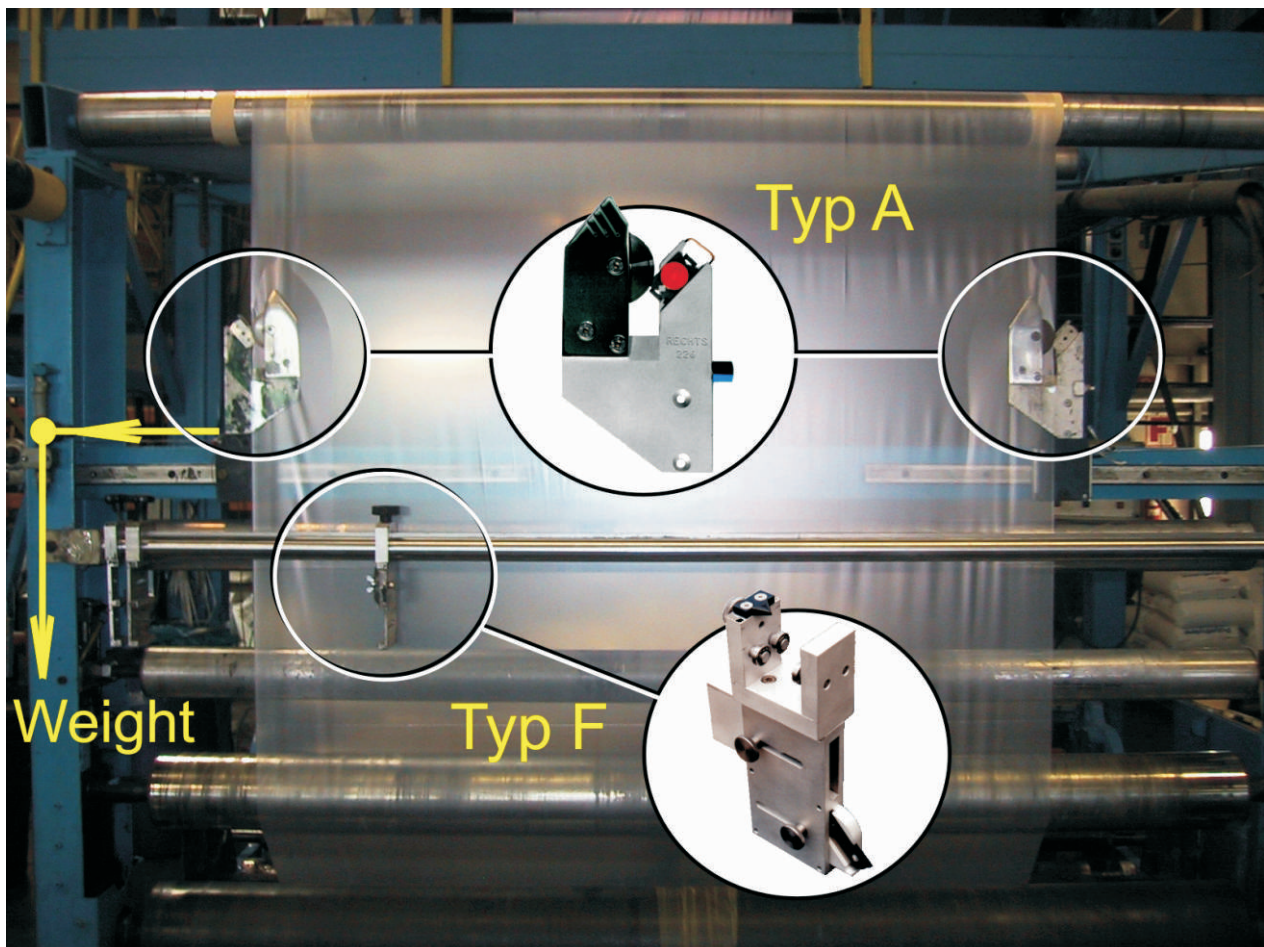
[www.cutting-mills.com](http://www.cutting-mills.com)



## ***method of operation***

Blown films brought into shape – with a sharp cut

*Film cutters for blown film applications*



**Hellweg Maschinenbau** GmbH & Co.KG  
Vennstr. 10 · 52159 Roetgen / Germany  
Fon +49 2471 4254 · Fax +49 2471 1630  
[info@hellweg-maschinenbau.de](mailto:info@hellweg-maschinenbau.de)  
[www.hellweg-maschinenbau.de](http://www.hellweg-maschinenbau.de)



# Hellweg granulators hold ***Pole-Position***



*Hellweg Maschinenbau* constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, edge strip granulators, edge strip feeding equipment, film shredders, as well as extraction and dust removal plant including accessories.



***Hellweg***

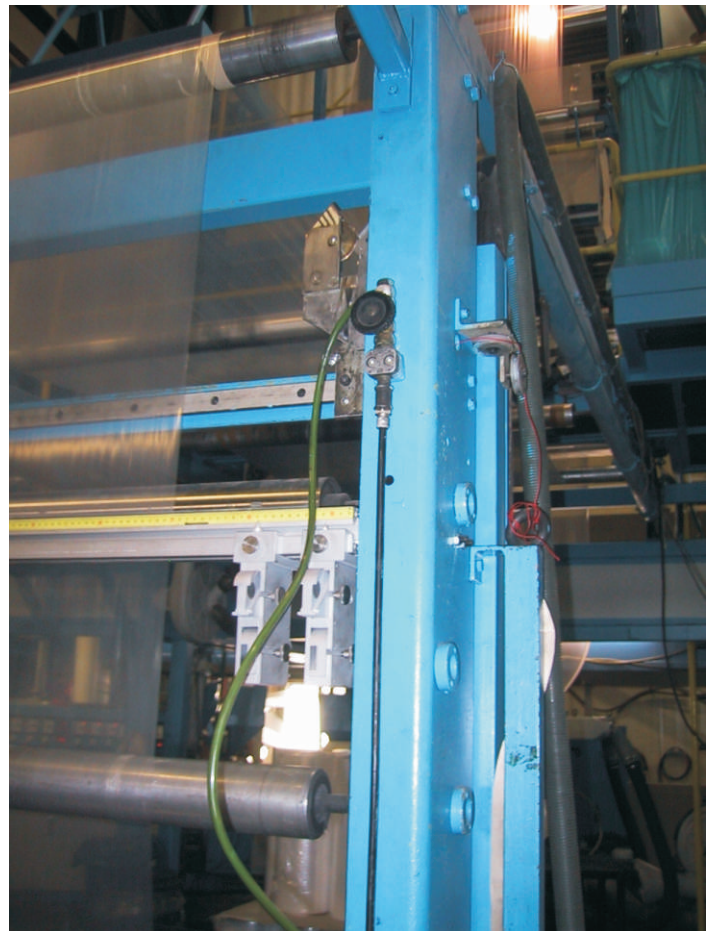
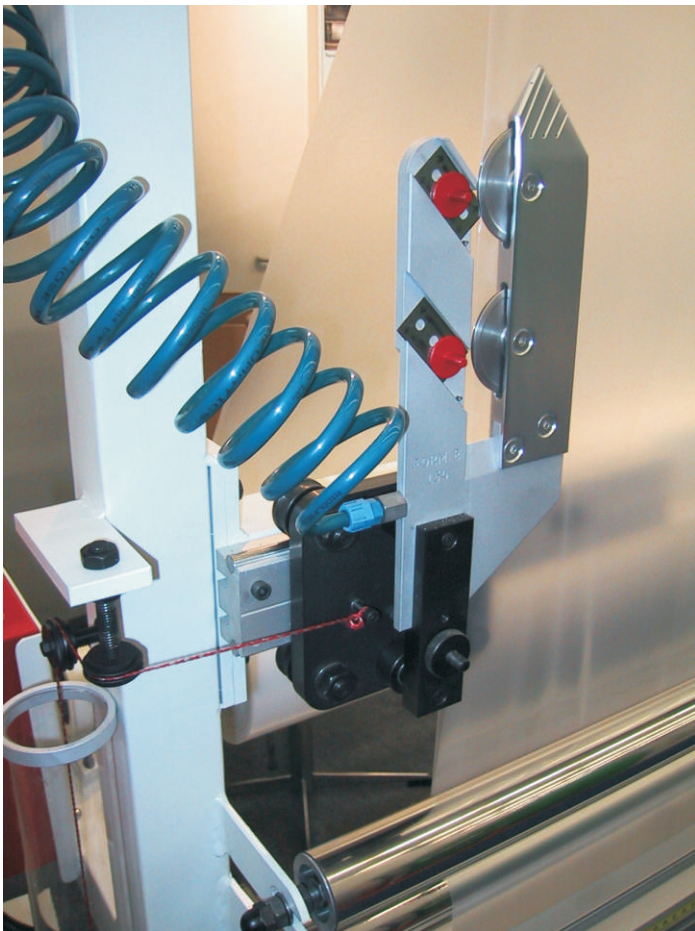
[www.cutting-mills.com](http://www.cutting-mills.com)



## ***method of operation***

Blown films brought into shape – with a sharp cut

*Film cutters for blown film applications*



Form A / E with "pull"- device and air connector

**Hellweg Maschinenbau** GmbH & Co.KG  
Vennstr. 10 · 52159 Roetgen / Germany  
Fon +49 2471 4254 · Fax +49 2471 1630  
[info@hellweg-maschinenbau.de](mailto:info@hellweg-maschinenbau.de)  
[www.hellweg-maschinenbau.de](http://www.hellweg-maschinenbau.de)