

Rotary Cutter

for precision cutting of plastic and rubber profiles.



FLERON

automation

FA 430 ACS

Technical data

| | |
|--------------------------------------|--------------------|
| Max. profile diameter | 25 alt. 50 mm |
| Max. cutting length | 100 m *1) |
| Longitudinal, measurement resolution | < 0,1 mm |
| Max. intermittent running | 500-700 cuts/min |
| Max. continuous running | 3000 cuts/min |
| Profile feed speed | 0-55 m/min |
| Profile feed height | 1070 mm *1) |
| Compressed air | 6 bar |
| Electrical connection | 400 V, 3-ph, 50 Hz |
| Dimensions, wxdxh | 940x700x1800 mm |
| Weight | 300 kg |

*1)

Other regulating ranges per request.

Subject to alterations



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is recommend for cutting soft and semi-rigid materials. The machine has very high precision and capacity, since cutting takes place during continuous feeding of the profile. The machine is in all important parts, including the entire front, manufactured in stainless steel.

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is a high performing rotary cutter in which the knife is driven by a powerful servomotor. No power-losses in transmissions etc. The machine is designed for continuous operation in some cases up to more than 3000 cuts/min and for line-speeds up to 55 m/min as standard. The servo-operation ensures very low maintenance costs as well as a low noise-level.

Double sets of holders with rapid change guide bushings make it possible to switch dimensions very fast. To reach the best cutting result the machine has a closed water lubrication system with ejectors and filters.

The feeding of profile is done between dual driven high-friction belts. The distance between the belts is set with a hand-wheel for each band alternatively one hand-wheel when fixed centre position is required. The upper feeding belt has a pneumatic lift/- pressure automatics. All settings are easily and logically made in an operators keypad. Quick adjustments of cutting lengths as well as menus for setting, water spraying system, maintenance, production-data, etc., are always easy to find.

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can be provided for instance with end product conveyor mounted on the machine, automatic trimming when feeding starts, etc. The machine can be installed directly in an extruder-line or to be used in a separate cutting-line in combination with our loop-control, prefeeder and decoiling equipment.

Prefeeders, synchronising equipment and end product conveyors can also be supplied from the **Fleron** product-range.

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Fleron Automation AB
Ljungvägen, Box 72, SE-330 12 FORSHEDA, Sweden
Tel, +46(0)370-811 60, Fax +46(0)370-811 75
www.fleron.se, e-mail: info@fleron.se