

# Rotary Cutter

for precision cutting of hoses and profiles in rubber.



# FLERON

## automation

### FA 429 ACS-G

#### Technical data

Max. profile diameter	160 mm
Max. cutting length	1000 m
Longitudinal, measurement resolution	< 0,1 mm
Max. intermittent running	400 cuts/min
Max. continuous running	1000 cuts/min
Profile feed speed	0-55 m/min*1)
Profile feed height	1000 mm
Compressed air	6 bar
Electrical connection	400 V, 3-ph, 50 Hz
Dimensions, wxdxh	1400x1160x1800mm
Weight	475 kg
Separate end product conveyor length per request	2-6 meter
Profile feed speed, end product conveyor	0-80 m/min*1)

\*1) Other regulating ranges per request  
Subject to alterations



#### FA 429 ACS-G

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

#### FA 429 ACS-G

is a flexible and mobile rotary cutter. ACS-G is our HD (heavy-duty) – model, where the servomotor is speed-reduced with a planetary gearbox. The knife is directly mounted on the output shaft of the gearbox, which means that the power-loss become minimal.

The feeding of profile is done between dual driven high-friction belts. Electrical settings for each belt. The position of the lower belt and the distance between the belts are done with absolute multiturn encoders and is shown on a separate display. The upper feeding belt has a pneumatic pressure/ lift automatics.

End product conveyor with adjustable belt speed which can be synchronised with the feed speed of the machine.

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.

#### FA 429 ACS-G

is provided with adjustable holders for rapid change guide bushings, dual closed water spraying systems, automatic trimming during feed-in, etc. The machine can be installed directly in an extruder-line in combination with our loop-control or to be used in a separate cutting-line.

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

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