

FLEXILINE modular system

The FLEXILINE modular system offers almost unlimited possibilities for every requirement when cutting to length in the extrusion sequence.

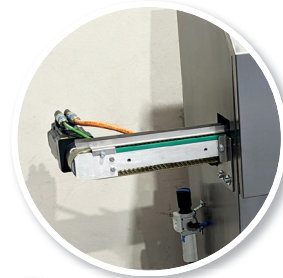
cutting to length/cutting

- directly from the extruder, winder or rod material
- tubes, profiles, belts, strands, pipes etc.
- a wide variety of materials

modular system

- all cuts possible, various die-cuts, rotary cuts
- modular design, can be combined according to process requirements
- various drive modules, controls, caterpillar constellations
- wide range of options for adaptation to individual requirements
- stainless steel body in ergonomic design
- intuitive control of process parameters via touch screen
- excellent price-performance ratio

„Stand-alone“ caterpillar take-offs are also available from the **FLEXILINE** modular system.



CUTTING
with greatest precision...

TECHNICAL DATA

FLEXILINE as a rotary cutter (high speed cutting)

tech specs ¹	Solid SM-R 30	Star SM-R 30	Premium SM-R 30
material dimensions width max.	min. 5 mm ² - max. 30 mm	min. 0,5 - max. 30 mm	
material dimensions height max.	min. 5 mm ² - max. 30 mm	min. 0,5 - max. 30 mm	
longitudinal interval (display 1/10 steps)	0,1 mm		
repetition accuracy	± 0,2%		
length tolerance	up to 50 mm: 0,1 mm to ± 1 mm, more than 50 mm: ± 1%		
feeding speed m/min	max. 50 m/min.	max. 100 m/min.	max. 300 m/min.
cutting capacity continuous cuts/min at 5 mm cutting length (max.)	600 (800)	4.000 (6.000)	
cutting capacity stop & go cuts/min	200	max. 1070	
control system	SPS smart	SPS	SPS or special SPS
double cam disc max. cuts/min	not available	not available	max. 1.450 (LENZE)
motor	three-phase drive (gearbox)	servo drive	
tape feed drive	three-phase drive	servo drive	
options	small scope	many options possible	free choice
electrical connection standard (specials possible)	3 Ph + N + PE, 400 V/230 V, 50 Hz		
dimensions	w 1.070 mm x d 500 mm x h 1.430 mm		
weight	approx. 140 kg		
line height	1.100 mm +/- 50 mm		

FLEXILINE as a pneumatic cutting unit (blade, die-cutter, scissors, guillotine = pulling cut)

tech specs ¹	Solid SM-C 30	Star SM-C 30	Premium SM-C 30
material dimensions width max.	min. 5 mm ² - max. 30 mm	min. 0,5 - max. 30 mm	
material dimensions height max.	min. 5 mm ² - max. 30 mm	min. 0,5 - max. 30 mm	
longitudinal interval (display 1/10 steps)	0,1 mm		
repetition accuracy	± 0,2 %		
length tolerance	1% L>100 mm; L=<100 mm ± 1 mm	1% L>100 mm; L=<100 mm ± 1 mm (more precise with opt. overrun measurement)	
feeding speed m/min	max. 50 m/min.	max. 100 m/min.	max. 300 m/min.
cutting capacity stop & go cuts/min	max. 170 cuts/min.		
control system	Potentiometer	SPS	SPS / SPS Sonder
motor	n.a. (pneumatic cutting unit)		
tape feed drive	three-phase drive	servo drive	
options	small scope	many options	free choice
electrical connection standard (specials possible)	3 Ph + N + PE, 400 V/230 V, 50 Hz		
dimensions	w 1.070 mm x d 500 mm x h 1.430 mm		
weight	approx. 140 kg		
line height	1.100 mm +/- 50 mm		

¹ material-dependent; ² special option 1-5 mm possible



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