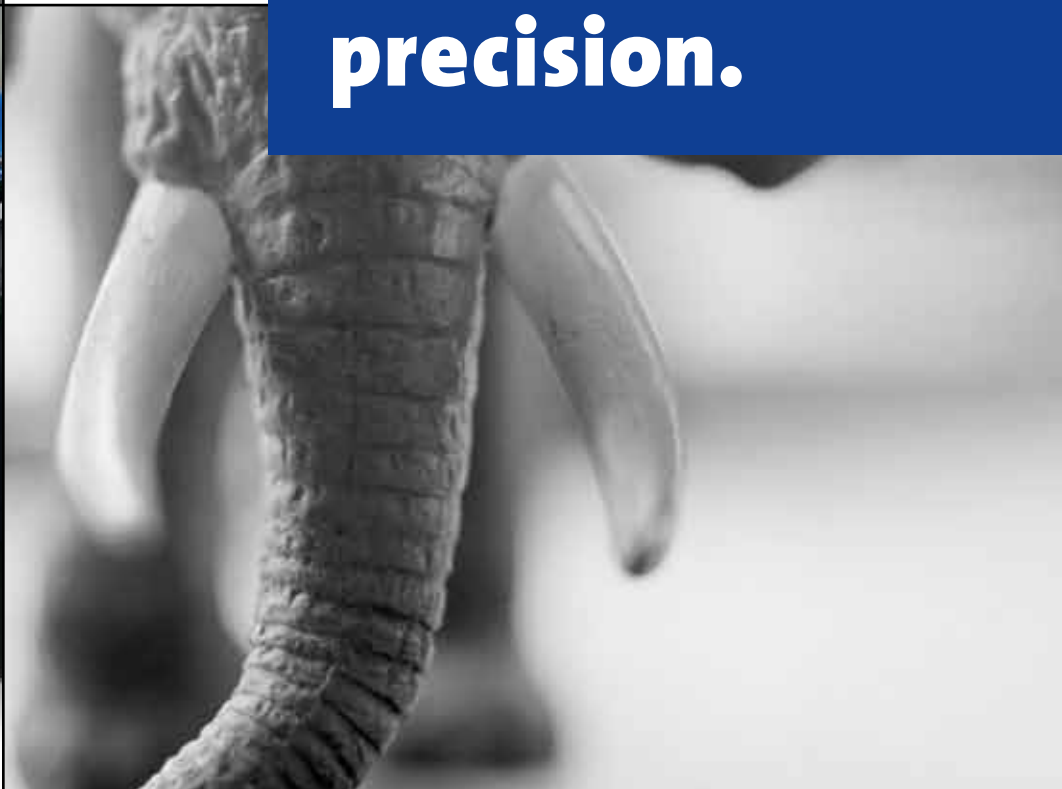


English



**Swiss
precision.**



Core products made by ZEHNDER & SOMMER are feeders, waste choppers and custom designed machines. All these products impress with their literal perfection made in Switzerland and their optimization in pressing, punching, drawing and forming applications.

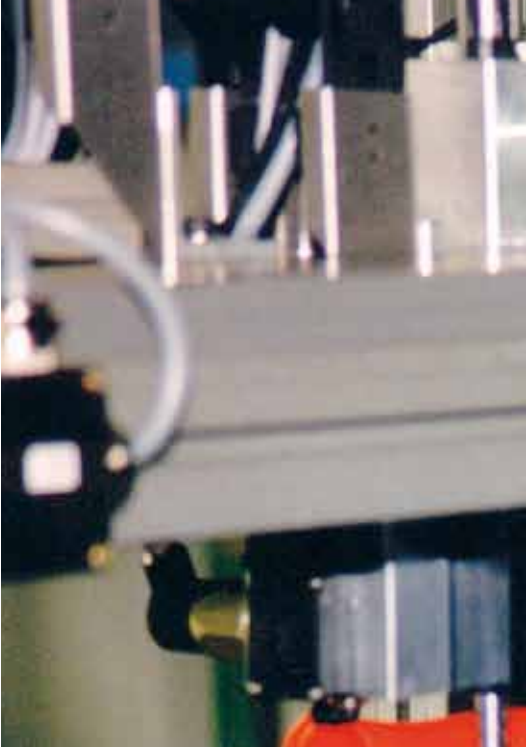
Combined with selected products from our partners such as strip greasing units or unwinding and straightening machines, we offer perfectly precise in house automation solutions for automatic punches and progressive presses to our clients.



We welcome you to learn more about one of the world's most innovative companies for virtually all aspects of press automation. If you know us already you will appreciate the outstanding precision and the excellent performance of our products. If we hadn't yet the chance to meet please allow us to convince you by the impressive performance data of our product range which is unique in its spectrum.

For more information please read the following pages:

- Seite 4 Trend-setting innovation
- Seite 6 Electronic roll feeders
- Seite 8 Electronic feeders
- Seite 10 Pneumatic clamp feeders
- Seite 10 Pneumatic waste choppers

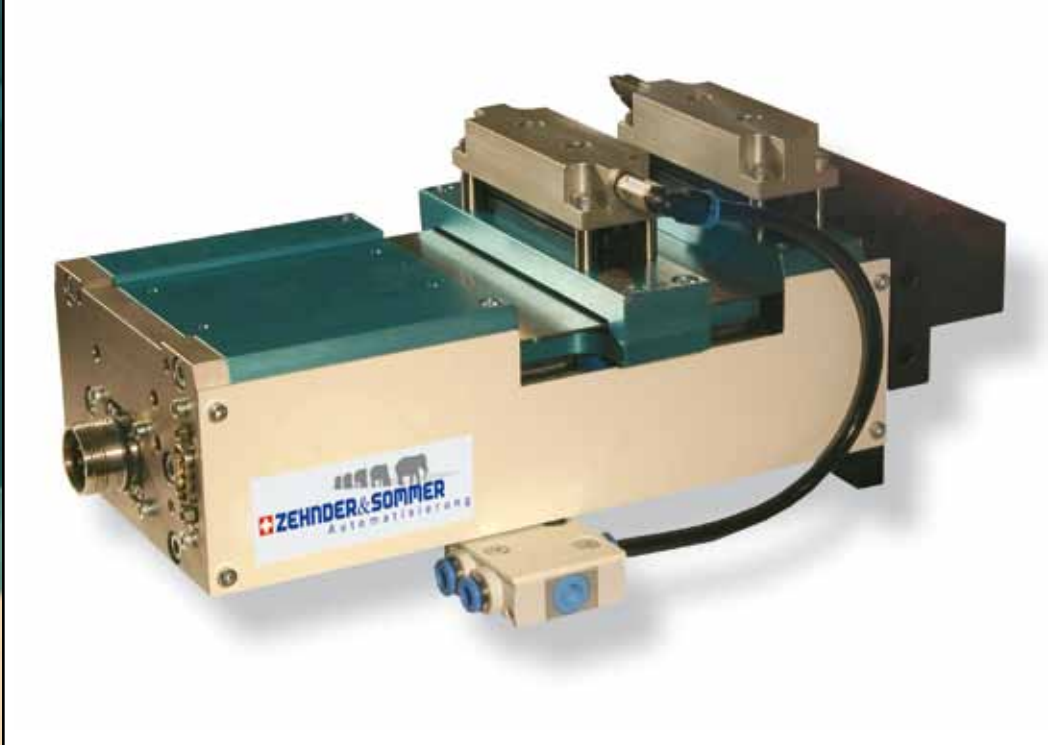


You have got a specific problem concerning punching, forming or cutting? Besides our extensive standard product range ZEHNDER & SOMMER offers you – based on decades of experience – specially designed machines and construction exactly adjusted to your needs and requirements. You can count on our know-how, especially when it comes to feeding, tool protection, sensor technology, monitoring and control, as well as greasing and oiling.

New means “Innovation”.

Trend-setting innovation from ZEHNDER & SOMMER.





Perfect automation and maximum precision always belong to the vital attributes of ZEHNDER & SOMMER'S feeders. Due to a strictly modular and almost maintenance-free construction our latest designs are additionally convincing by cost-saving aspects. Regardless of which product you are interested in- whether it is the linear pneumatic clamp feeder "The Flexible" or our toothed drive belt-free roll feeder "The Precise" you want to combine with your punching unit or your press, they both impress with their literal Swiss perfection thanks to premium materials, manufacturing processes and ease of service.

More than just „back and forth“.

The electronic roll feeders from ZEHNDER & SOMMER.






Our extensive range of electronic roll feeders holds the most suitable product ready for your needs. We are deeply convinced that you will find the right model for your specific needs. Our feeders cater for strip cross-sections up to 2600 mm², strip widths up to 620 mm and material thicknesses up to 10 mm. Whether you cut to length, punch or print: our feeders push and pull sheet metal, films, rubber, microcellular rubber, textiles, printed ribbons, felt, paper, resin-bonded paper, sealing material and all other materials that might be fed: Automatically, within the requested pulse and with maximum precision.

Feeders from ZEHNDER & SOMMER can be used combined with virtually any press- no matter if brand-new or used.

Electronic feeders from ZEHNDER & SOMMER.

		Model	Strip width	Strip cross-section	Roller opening
MINI		EVM 10 A	10 mm	10 mm ²	max. 2,5 mm
		EVM 20 A	20 mm		
		EVM 40 A	40 mm		
THUMB-SIZED		EVD 040 DG	40 mm	50 mm ²	max. 4 mm
		EVD 080 DG	80 mm		
		EVD 120 DG	120 mm		
		EVD 220 DG	220 mm		
THE SMALL ONE		EV 12 AK	120 mm	200 mm ²	max. 4 mm
		EV 22 AK	220 mm		
THE PRECISE ONE		EV 112 TM	120 mm	400 mm ²	max. 6 mm
		EV 122 TM	220 mm		
		EV 132 TM	320 mm		
THE BIG ONE		EV 220 AG	220 mm	1'000 mm ²	max. 8 mm
		EV 320 AG	320 mm		
		EV 420 AG	420 mm		
		EV 520 AG	520 mm		
MEGA		EV 320 AGM	320 mm	1'500 mm ²	max. 15 mm
		EV 420 AGM	420 mm		
		EV 520 AGM	520 mm		
		EV 620 AGM	620 mm		
GIGA		EV 420 ASG	420 mm	2'600 mm ²	max. 25 mm
		EV 520 ASG	520 mm		
		EV 620 ASG	620 mm		
THE ALL-ROUNDER		EVG 220 AK	220 mm	200 mm ²	max. 6 mm
		EVG 320 AK	320 mm		
		EVG 420 AK	420 mm		
		EVG 520 AK	520 mm		
THE THIN SHEET METAL		EVS 520 TM	520 mm	600 mm ²	max. 6 mm
		EVS 620 TM	620 mm		
		EVS 820 TM	820 mm		
THE WIRED ONE		EDV TM	20 mm		max. 9 mm

		Model	Strip width	Strip cross-section	Feed length
THE FLEXIBLE ONE		EZL 050 - 050	50 mm	50 mm ²	max. 50 mm

Subject to technical alteration. Performance data depends on working material.



Rollers	Feed length	Precision	Speed	Tractive force	ZigZag
Ø 20 mm	0,1 - 19'999 mm	+/- 0,03 mm	max. 180 m /min	15 N	
Ø 40 mm	0,1 - 19'999 mm	+/- 0,1 mm	max. 150 m /min	70 N	
Ø 38,2 mm	0,1 - 19'999 mm	+/- 0,05 mm	max. 120 m /min	260 N	Yes
Ø 60 mm	0,1 - 19'999 mm	+/- 0,02 mm	max. 160 m /min	380 N	Yes
Ø 80 mm	0,1 - 19'999 mm	+/- 0,1 mm	max. 100 m /min	1,2 kN	Yes
Ø 100 mm	0,1 - 19'999 mm	+/- 0,1 mm	max. 80 m /min	2 kN	Yes
Ø 120 mm	0,1 - 19'999 mm	+/- 0,1 mm	max. 60 m /min	5,2 kN	Yes
Ø 60 mm	0,1 - 19'999 mm	+/- 0,1 mm	max. 160 m /min	110 N	
Ø 100 mm	0,1 - 19'999 mm	+/- 0,05 mm	max. 150 m /min	800 N	
Ø 80 mm	0,1 - 19'999 mm	+/- 0,02 mm	max. 370 m /min	340 N	

Jaw opening	Precision	Clamp force	Tension
max. 1,0 mm	+/- 0,01 mm	(6 bar) 600 N	51 N

ZEHNDER & SOMMER's standard programme of electronic feeders hardly leaves anything to be desired. If so, our special equipment department fast and flexible reacts on even highly specified requests.

Forcefully forward.

ZEHNDER & SOMMER's pneumatic clamp feeders.

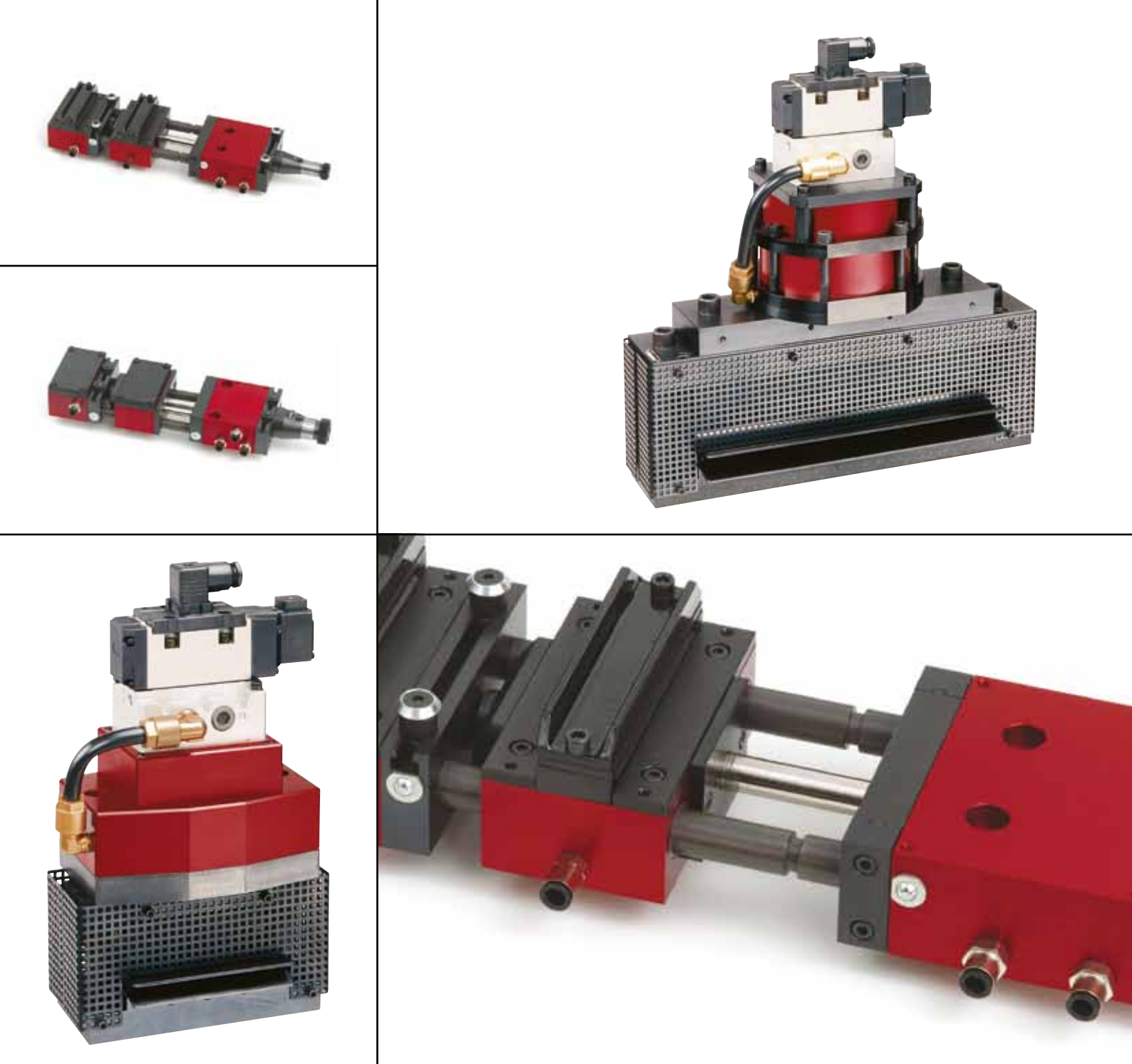
	Model	Stroke	material width	Max. cadence unloaded	Air consumption per operation
	J 380.030	0 - 33	64 mm	300 /min	0,3 l
	J 380.060	0 - 66	64 mm	250 /min	0,55 l
	J 341.061	0 - 60	100 mm	180 /min	0,9 l
	J 341.121	0 - 120	100 mm	140 /min	1,4 l
	J 341.201	0 - 200	100 mm	90 /min	2,0 l

We cut a fine figure.

ZEHNDER & SOMMER's pneumatic waste choppers.

	Model	Cutting pressure	material width	Max. cadence unloaded	Air consumption per operation
	J 300.800	12 kN	60 mm	400 /min	1,2 l
	J 300.812	24 kN	120 mm	300 /min	1,9 l
	J 300.822	39 kN	220 mm	180 /min	4,5 l
	J 300.832	39 kN	320 mm	160 /min	4,5 l

Subject to technical alteration. Special designs upon request.



It might sound simple: You rely on a perfect cutting process if you don't work from the coil. The pneumatic waste choppers from ZEHNDER & SOMMER always offer the best solution for every situation and application and even under difficult conditions they always guarantee a perfect process reliability and maximum efficiency. Modular equipment and control options offer the possibility to adjust the pneumatic waste choppers from ZEHNDER & SOMMER precisely to the client's requirements and his production process.

You are on the right track to permanently enhancing your productivity because, as in sports, often the little things separate the winners from the losers. So join the winners and contact us.

Please allow us to take you to the top with our team spirit and technique.



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