ZEHNDERSOMMER.COM

Servo Roll Feed for Foils

ECO EV RF SE

Models: EV RF 240 SE | EV RF 320 SE | EV RF 480 SE | EV RF 640 SE



PRECISE

- Synchronous drive of both rolls via parallel-coupling
- Precision mechanics and quality materials; gearless direct drive
- Contact pressure adjustable on both sides for precise guidance of foils



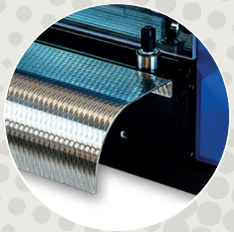
VERSATILE

- Easy roll exchange via lateral plate
- Execution for material thickness up to 5.5 mm or 15.5 mm
- Various roll surfaces, e.g. rubber/plastic rolls for foils
- Various servomotors with/without brake (e.g.Rockwell,Siemens,DriveCliq)
- Powerful and versatile controls; double systems; push/pull
- Different levels of security: STO or safe limited speed (SLS)
- Threading assistance (material insertion without operating the control)
- Pull-out inlet plate for practical maintenance and roll cleaning



ECONOMICAL

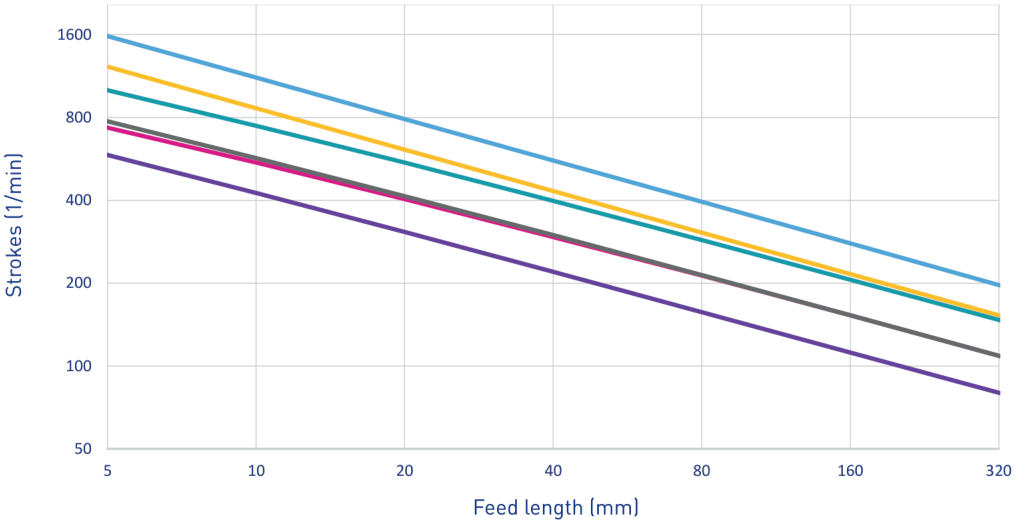
- Inexpensive quality solution for foils and instabile materials



ZEHNDER SOMMER SWISS PRECISION FEEDING

ROLL FEED ECO EV RF SE

PERFORMANCE



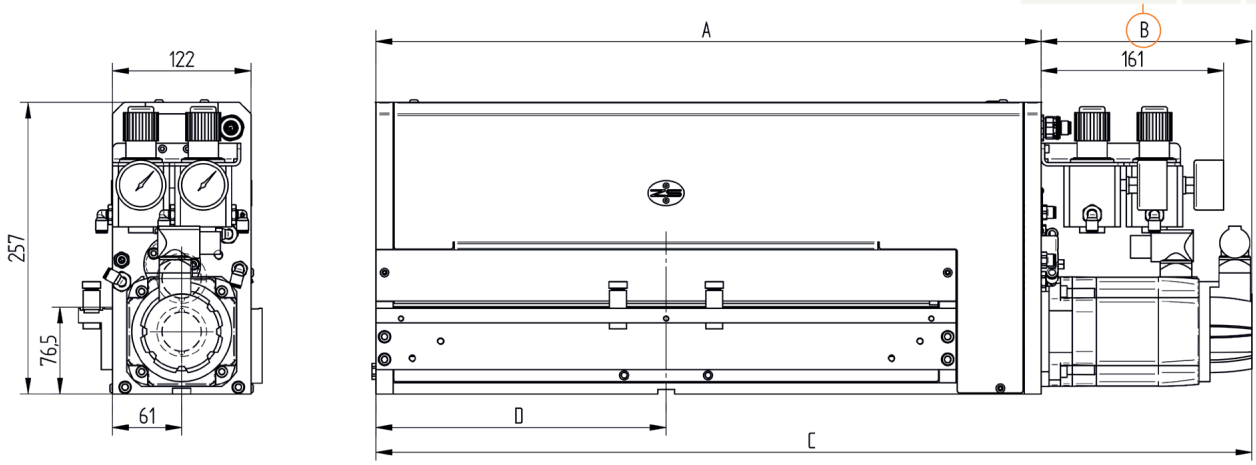
Performance curves (Examples)*

Loop weight / Feed angle / Servo-Motor
0 kg / 180° / SES
0 kg / 180° / SER
2 kg / 120° / SER
2 kg / 180° / SER
5 kg / 180° / SES
5 kg / 180° / SER

*Calculation basis: EV RF 320 SE

TECHNICAL SPECIFICATIONS

Motor B (mm)	without brake	with brake
SER-3.05	160	195
SER-4.18	186	221
SES-2.60 Endat	186	218
SES-2.60 DC	181	213



MODEL EV RF SE	240	320	480	640
Opening width (mm)	240	320	480	640
Support width A (mm)	347	427	587	747
Device width C min. (mm)	507	587	747	907
Device width C max. (mm)	568	648	808	968
Keyways distance D (mm)	136	176	256	336
Roll opening	5.5 mm / 15.5 mm			
Roll diameter	44 mm			
Positioning accuracy	+/- 0.03 mm			
Traction max.*	SES: 180 N / SER: 270 N			
Band-cross section (recomm.)	max. 200 mm²			

*Depending on motor, control and supply.
Ask for a specific configuration and calculation.

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