

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

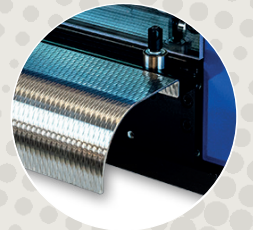
- Synchronous drive of both rolls via parallel-coupling
- Precision mechanics and quality materials; gearless direct drive
- Contact pressure adjustable on both sides for precise guidance of foils

### 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, DriveCliqu)
- 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

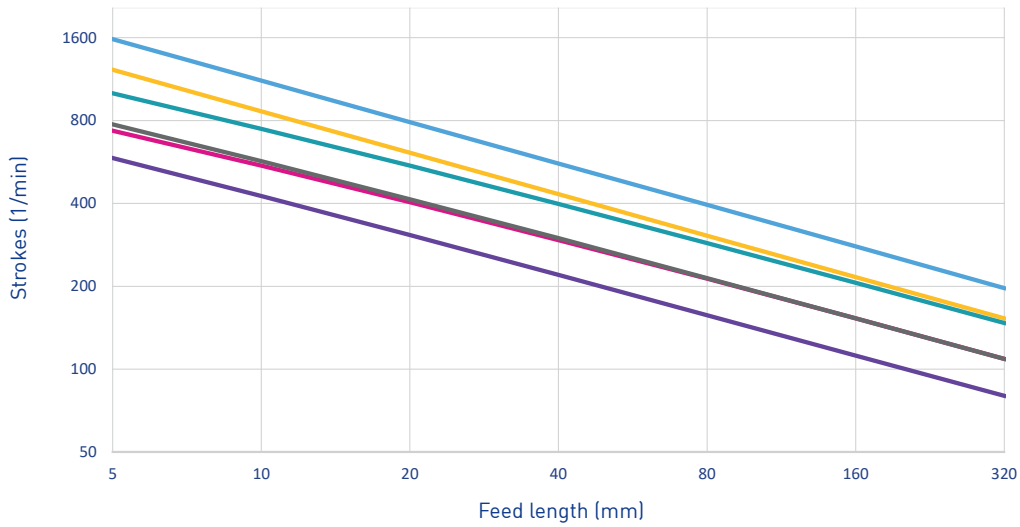
- Inexpensive quality solution for foils and instabile materials



# ROLL FEED ECO EV RF SE



PERFORMANCE

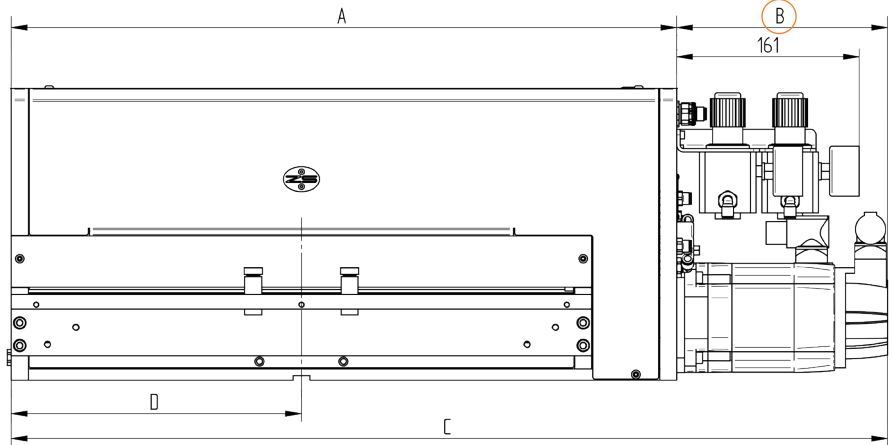
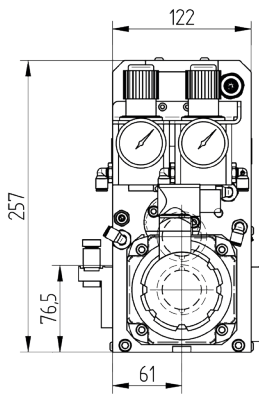


Performance curves (Examples)\*

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 mm <sup>2</sup>			

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

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