

Roll Feed with integrated control for foils

ECO EV RF IC

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



PRECISE

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

VERSATILE

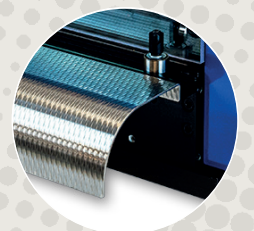
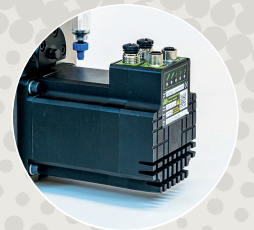
- Easy roll exchange
- Execution for material thickness up to 5.5 mm or 15.5 mm
- Various roll surfaces, e.g. rubber/plastic rolls for foils
- Threading assistance (material insertion without operating the control)
- Pull-out inlet plate for practical maintenance and roll cleaning

INTEGRATED CONTROL

- Control with encoder integrated in the motor; Security STO (SIL3)
- Connect box for press connection with TFT control unit
- Optional bus connection (EtherCAT, Ethernet IP, ProfiNET)

ECONOMICAL

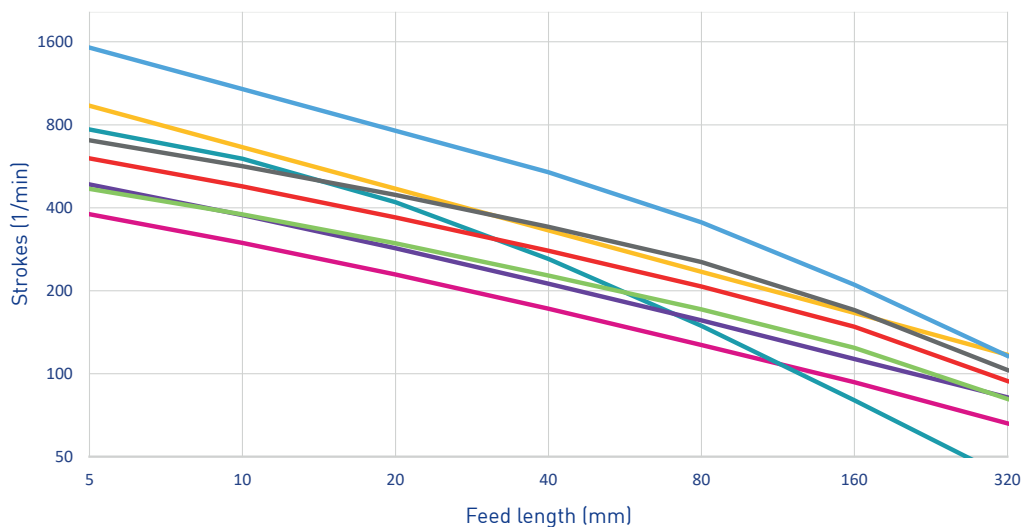
- Inexpensive complete solution for foils and instabile materials



ROLL FEED ECO EV RF IC



PERFORMANCE

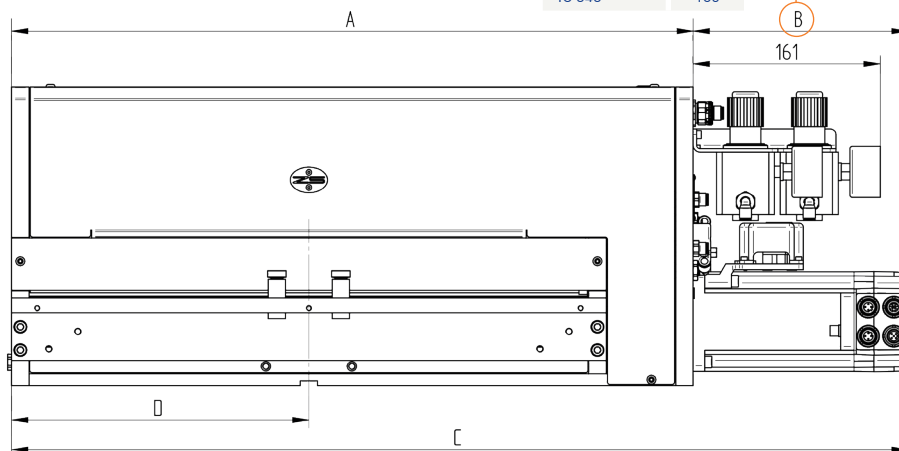
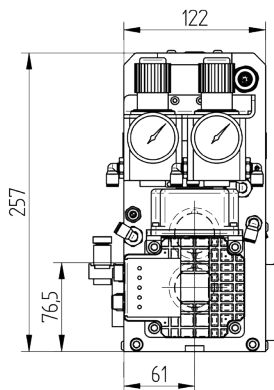


Performance curves (Examples)*

Loop weight	Feed angle	IC-Motor
0 kg	180°	340
0 kg	180°	342
0.5 kg	120°	340
0.5 kg	180°	342
2 kg	180°	340
2 kg	180°	342
5 kg	180°	342
2 kg	120°	342

*Calculation Basis: EV RF 320 IC

TECHNICAL SPECIFICATIONS



Motor	B (mm)
IC 340	95
IC 341	125
IC 342	155
IC 343	185

MODEL	EV RF IC	240	320	480	640
Opening width (mm)		240	320	480	640
Support width A (mm)		347	427	587	747
Device width C min. (mm)		442	522	682	842
Device width C max. (mm)		532	612	772	932
Keyways distance D (mm)		136	176	256	336
Roll opening		5.5 mm / 15.5 mm			
Roll diameter		44 mm			
Positioning accuracy		+/- 0.06 mm			
Traction max.*		260 N			
Band-cross section (recommended)		max. 200 mm ²			

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

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