ZEHNDERSOMMER.COM

Large Torque-Servo Roll Feed for Thin Sheets

PERFORMANCE EV XF TQ

Models: EV XF 480 TQ | EV XF 640 TQ | EV XF 1000 TQ | EV XF 1600 TQ



FAST & PRECISE



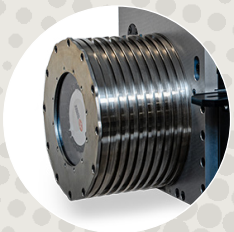
- Highly dynamic Torque servo motors up to 380 m/min, 4800 N
- Precision material guide through lateral adjustable contact pression
- Gearless direct drive for accurate transmission of torques
- Synchronous drive of both rolls via precision parallel-coupling
- Precision mechanics and high-tech materials for highest accuracy

VERSATILE



- Optional roll coating: steel, ruber, plastic
- Powerful and versatile controls; double systems; push/pull
- Threading assistance (material insertion without operating the control)
- Pull-out inlet plate for practical maintenance and roll cleaning

SAFE

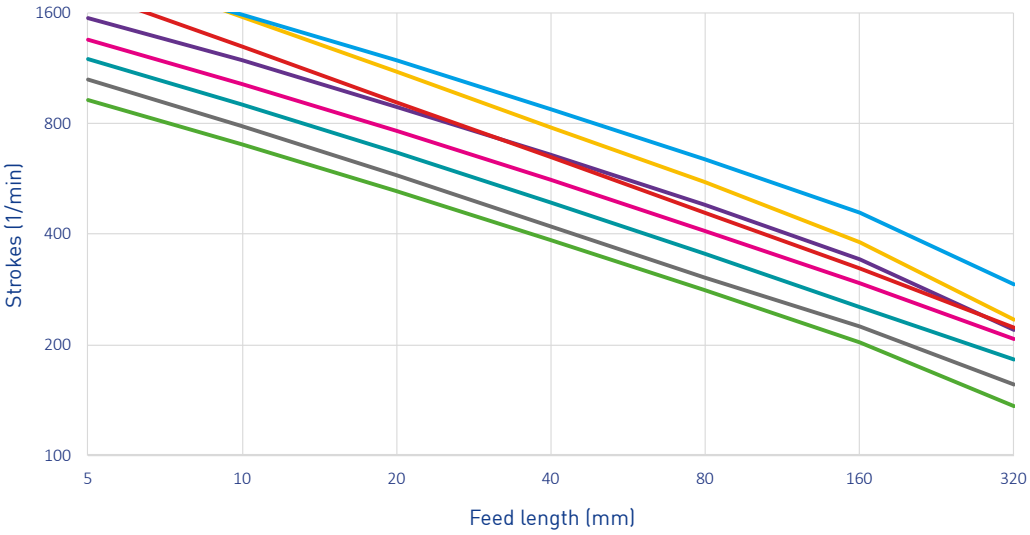


- Meets the highest safety standards including safe limited speed (SLS)
- Precision encoder on the opposite side of the motor
- Pneumatic safety material holder (optional)

ZEHNDER SOMMER | SWISS PRECISION FEEDING

ROLL FEED PERFORMANCE EV XF TQ

PERFORMANCE



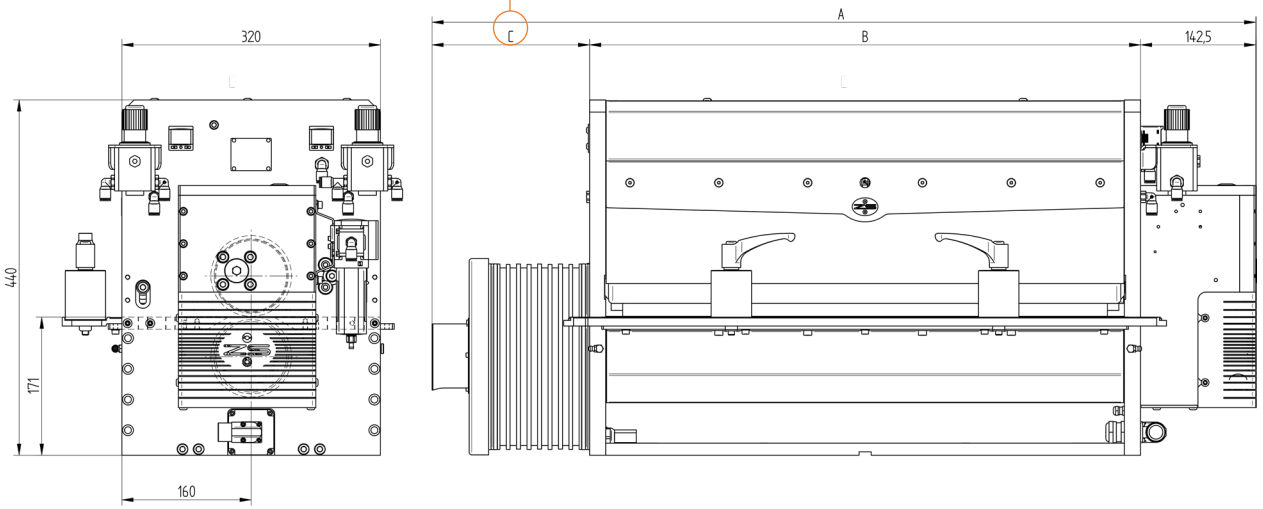
Performance curves (examples)*

Loop weight / Feed angle / Cooling
0 kg / 180° / WC
0 kg / 180° / AC
5 kg / 180° / AC
5 kg / 180° / WC
5 kg / 240° / WC
20 kg / 180° / AC
20 kg / 120° / WC
50 kg / 180° / WC

*Calculation basis: EV XF 480 TQ
Motor / Control / Cooling:
TQE 210-100/FD50,CX300/air
TQE 210-100/FD75,CX470/water

TECHNICAL SPECIFICATIONS

Motor C (mm)	without brake
TQE 210-100	195
TQA 220-100	189



MODEL EV XF TQ	480	640	1000	1600
Feed troughput width (mm)	480	640	1000	1600
Upper roll width (mm)	440	600	960	1560
Lower roll width (mm)	482	642	1002	1602
Overall width A TQE 210-100 (mm)	860	1020	1380	1980
Overall width A TQA 220-100 (mm)	854	1014	1374	1974
Base width B (mm)	522	682	1052	1652
Roll opening	8 mm			
Roll diameter	100 mm			
Position accuracy	+/- 0.02 mm			
Speed max.* (nominal)	380 m/min			
Traction max.* (air/water cooling)	2600 / 4800 N			
Cross section (recommended)	max. 2000 mm²			

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

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