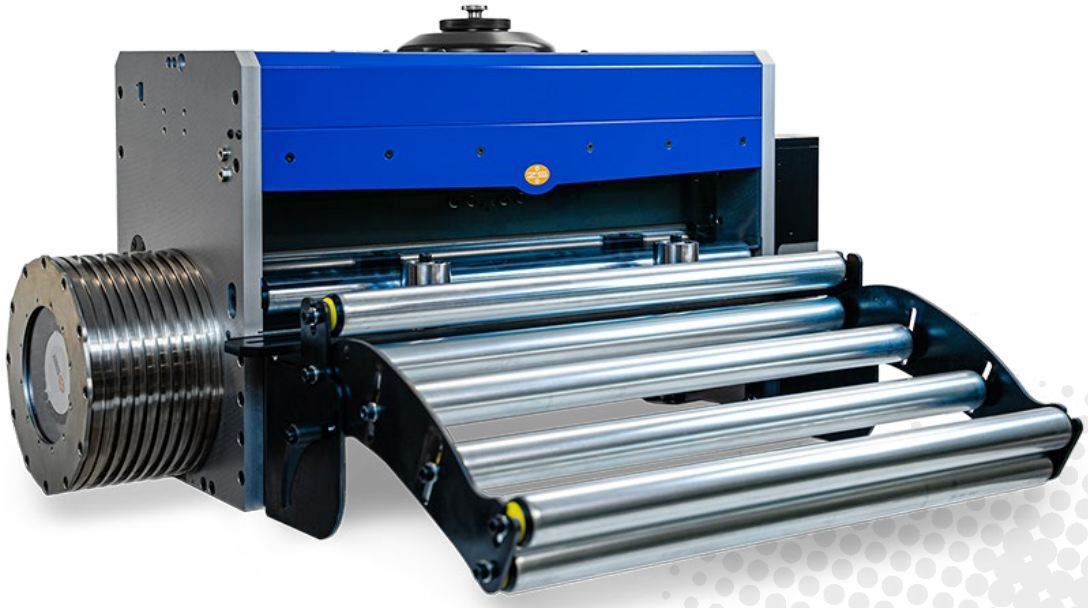
ZEHNDERSOMMER.COM

Strong Precision Torque-Servo Roll Feeding System

PERFORMANCE EV XG TQ

Models: EV XG 320 TQ | EV XG 480 TQ | EV XG 640 TQ



FAST

- Highly dynamic torque servo motor up to 380 m/min, 4800 N
- Fast pilot release thanks to the dynamic Colibri system



PRECISE

- Gearless direct drive for for extremely accurate transmission of torque
- Synchronous drive both rolls via precision parallel-coupling
- Precision mechanics and high-tech materials for highest accuracy



VERSATILE

- Optional roll surfaces, adjustable segment rolls, profiles
- 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
- Rolls are easier to exchange
- Variable infeed roller cage with double rolls, central side adjustment



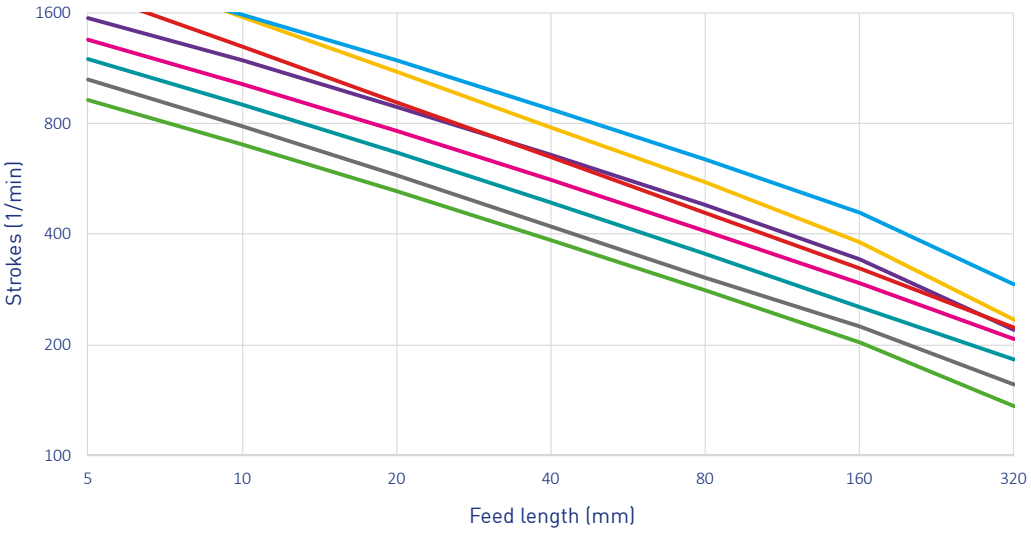
SAFE

- 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 XG TQ

PERFORMANCE



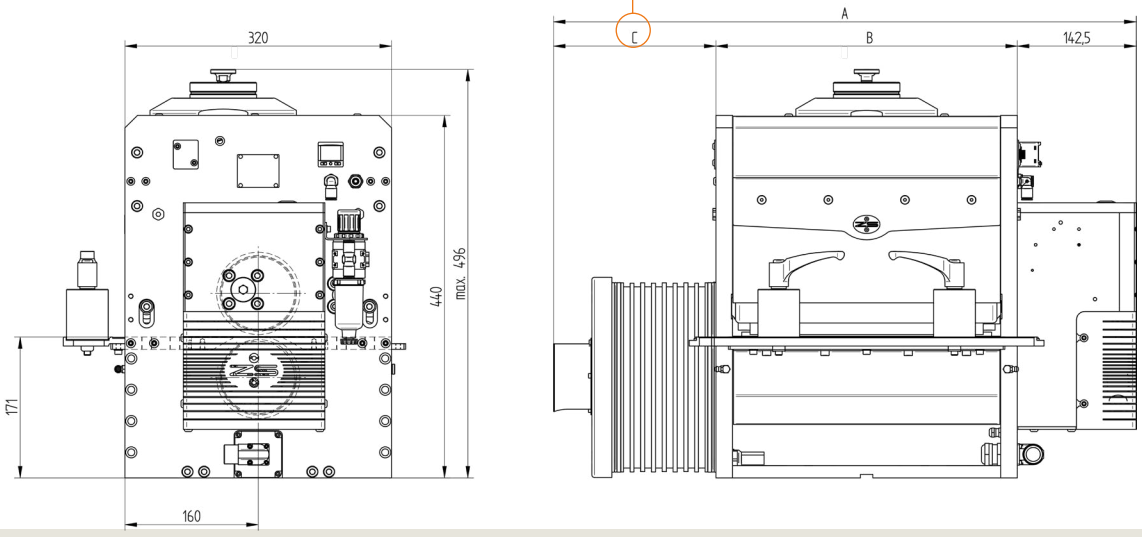
Performance curves (examples)*

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 XG 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 XG TQ	320	480	640
Feed troughput width (mm)	320	480	640
Upper roll width (mm)	280	440	600
Lower roll width (mm)	322	482	642
Overall width A TQE 210-100 (mm)	700	860	1020
Overall width A TQA 220-100 (mm)	694	854	1014
Base width B (mm)	362	522	682
Roll opening	max. 15 mm (optional 25 mm)		
Roll diameter	100 mm		
Position accuracy	+/- 0.02 mm		
Nominal speed max.*	380 m/min		
Traction max.* (with 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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