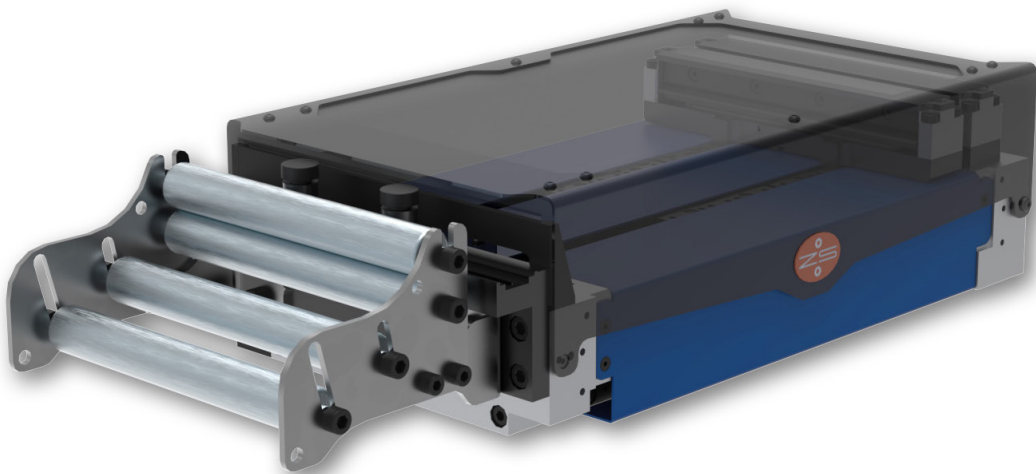


ELECTRICAL GRIPPER FEED EZ ML 160

Models: EZ ML-C 160 | EZ ML-D 160 | EZ ML-E 160



ACCURATE

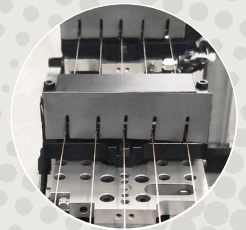
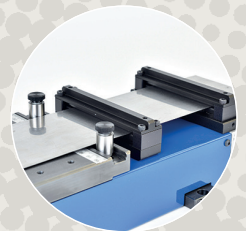
- Precision mechanics and high-tech materials for highest accuracy
- Powerful precision linear motor

VERSATILE INSTALLATION

- Compact horizontal design with minimal installation height
- Available in 3 unit lengths: Compact (C)*, Double (D), Extended (E)
- Cable Connector Box: separate or on device (MLC)
- Variable infeeds: basket with double rolls, inlet plate, wire inlet

VERSATILE USE

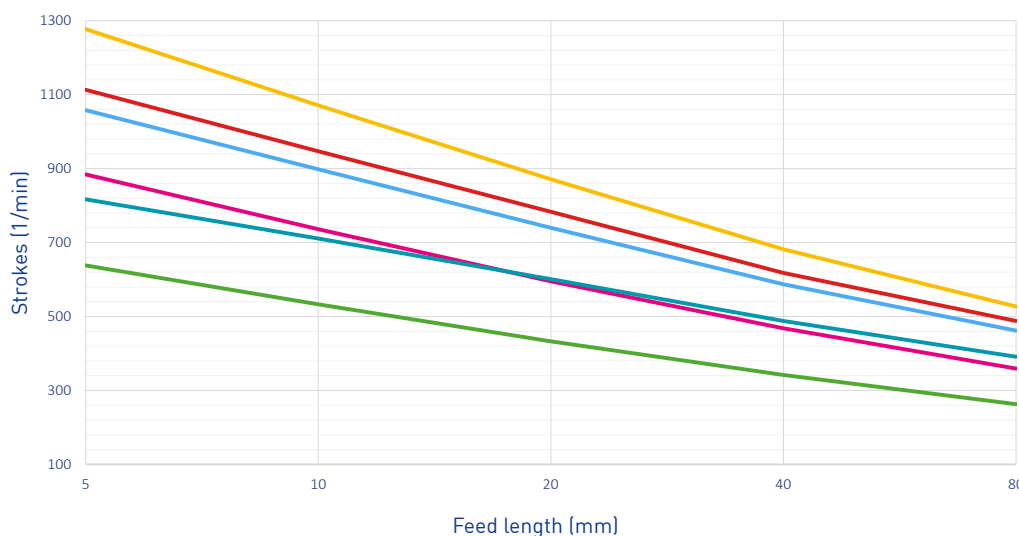
- Prepared for additional clamps, better wire guiding, considerable clamping force
- Various tailor made clamping, gripping and guiding options
- Good visibility into gripper chamber for easy threading
- Threading help button (material insertion without operating the control)
- Adaptable roll basket to fit material properties



ELECTRICAL GRIPPER FEED EZ ML 160



PERFORMANCE



Performance curves (examples)*

Loop weight / Number of moving clamps

0 kg / 1 clamp

0.5 kg / 1 clamp

2 kg / 1 clamp

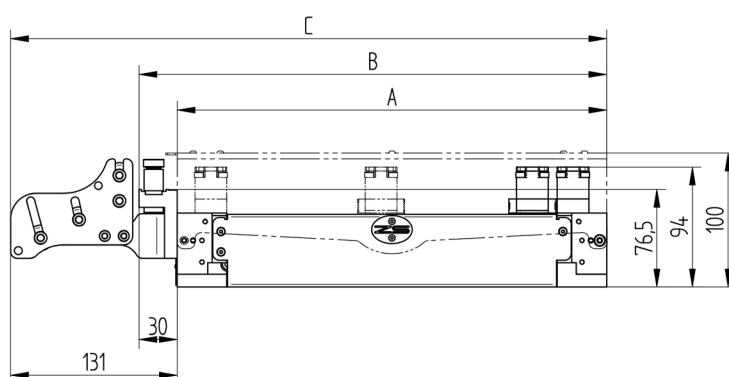
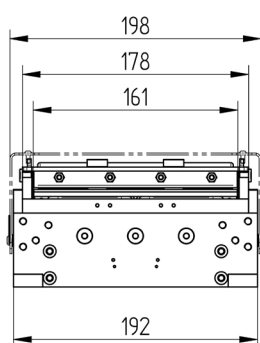
0.5 kg / 2 clamp

2 kg / 2 clamp

10 kg / 2 clamp

*Calculation basis: EZ ML-D 160
Optimum opening angle

TECHNICAL SPECIFICATIONS



MODEL	EZ	ML-C 160	ML-D 160	ML-E 160
Bandwidth max. (mm)			160	
Feed length max. (mm)		45	100	145
A: Length basic unit (mm)		180	338	440
B: Length with inlet plate (mm)		210	368	470
C: Length with roll basket type R (mm)		311	469	571
Clamp opening		ca. 1 mm		
Accuracy (mm)		+/- 0,03	+/- 0,01	+/- 0,01
Nominal traction force (N)		180	220	220
Peak traction force, approx. (N)		300	450	450
Clamping force at 6 bar (movable gripper)		(1) 540 N / (2) 1080 N		
Cross section (recommended)		max. 200 mm ²		

SWITZERLAND

Zehnder & Sommer AG
CH-3400 Burgdorf
info@zehndersommer.com
Tel +41 31 800 00 00

GERMANY

Zehnder & Sommer GmbH
DE-58452 Witten
info@zehndersommer.de
Tel +49 2302 981 60 30

zehndersommer.com
ZSswiss.com