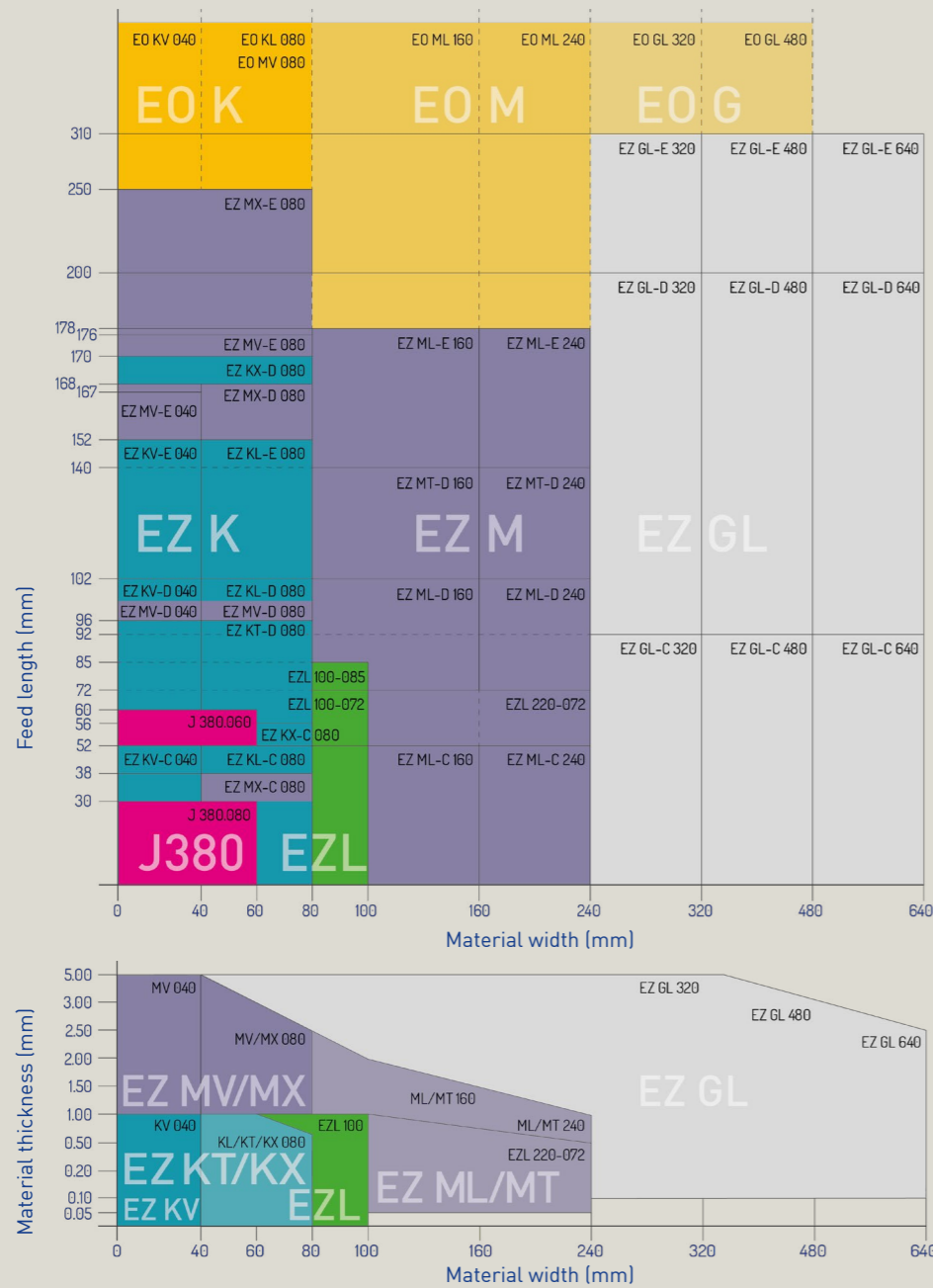


# LINEAR FEEDING SYSTEMS AND DIMENSIONS



## ABOUT US

For 50 years we have developed and produced quality, high precision gripper and roll feeders.

Thanks to our innovative technology and continual improvement, we have established ourselves as one of the European's leading suppliers of feeding technology for the stamping and metal industry.

In a constantly changing market environment, our focus is on high precision products at a fair price. Inspired by our customers, we sit day after day, working on sophisticated solutions to meet their needs - and yours too.

## 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

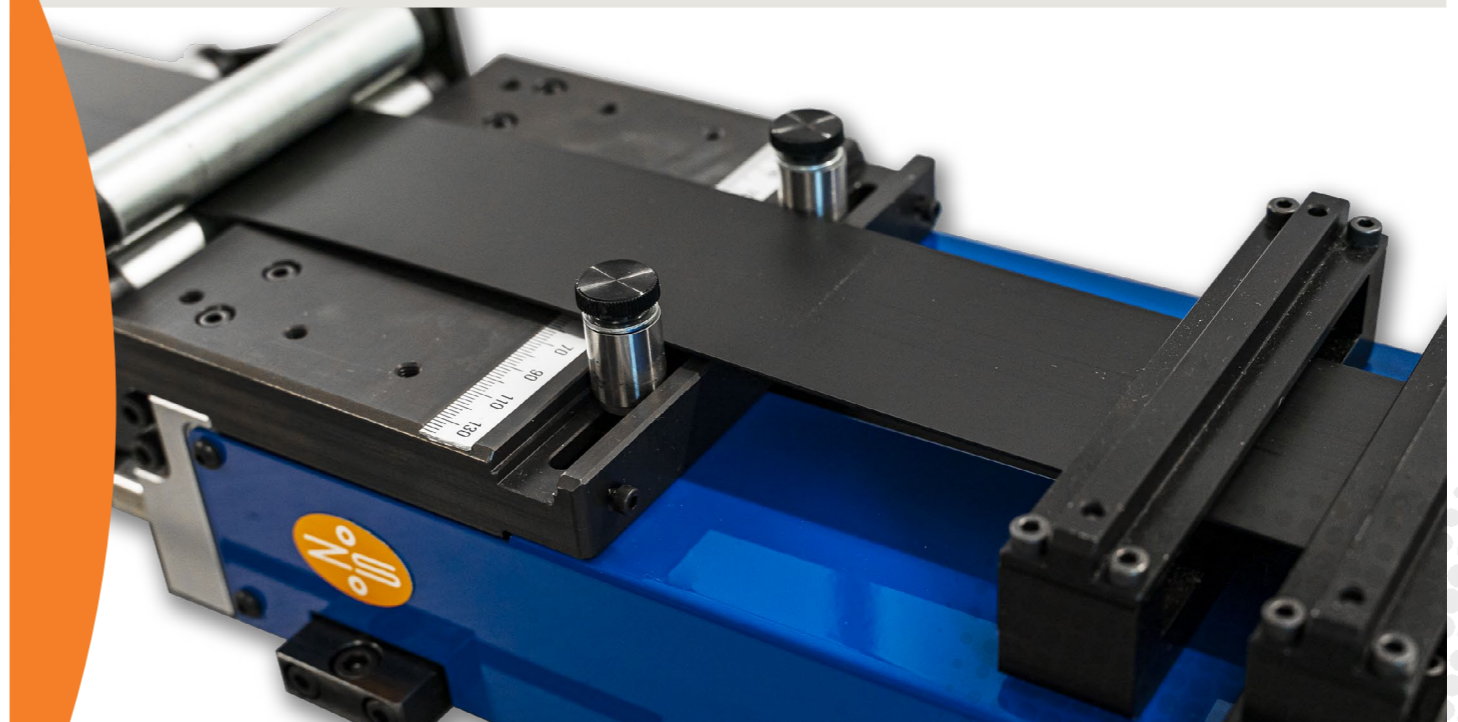
zehndersommer.com  
ZSswiss.com

10174 | 2410-4 | EN | © Zehnder & Sommer AG, Switzerland | Information provided without guarantee. Subject to modifications.

ZEHDERSOMMER.COM

# PRODUCT OVERVIEW GRIPPER FEEDS/TRANSFER

Edition 2024-03



## DRIVES

- K: Compact small electric linear motors (traction force up to 100 N)
- M: Medium electric linear motors for high performance (traction force up to 400 N)
- J: Classic pneumatic feeders

## DESIGNS

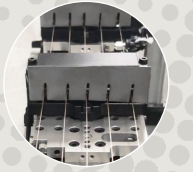
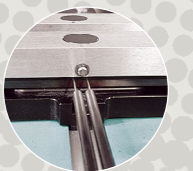
- L: Horizontal as feed for presses or automations
- V: Vertical for narrow spaces or stamping/bending machines
- T/X: Double motors for highest cycle rates

## FEED LENGTHS

- C: Compact design for short feeds
- D: Double overall length for medium feeds
- E: Extended overall length for long feeds

## FIXING SYSTEMS

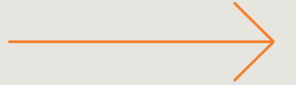
- Classic Wide Clamps for flat strip material
- Gripper Clamps for profiled materials
- Special Clamps for wires or multiple wire feeds



PRODUCT OVERVIEW LINEAR AND GRIPPER FEEDING SYSTEMS EZ & J



ZEHNDERSOMMER.COM



Edition 2024-03		Model name		Number of clamps or grippers		Pitch	Passage	Clamp	Device dimensions (mm)					Traction force		Clamping force		Ratio		Precision	Stroke rate	Material cross section			
		Model	Dimension	fix	moving	max. mm	width mm	opening mm	Infeed height	Height with clamps	Height with cover	Device depth	Device width		max. (N)		max. N (6 bar)		clamping/traction		+/- position	max. recommended	recommended (mm²)		
													body	total	nominal	peak	single clamp	max. clamps	single	doubleclamps	mm	strokes/minute	slow	fast	
EZL		EZL	100-072	1	1	72	100	1.0	76.5	94	100	280	140	140	110	200	290	-	+	-	0.01	600	100	50	
			220-072	1	1	72	220	1.0	76.5	94	100	280	260	260	110	200	640	-	++	-	0.01	500	100	50	
		EZL	100-085	1	1	84	100	1.0	76.5	94	100	292	140	145	100	200	290	-	+	-	0.01	600	100	50	
LINEAR FEED SMALL		EZ KL-C	080	1 (2)	1 (2)	50							180			60	100		540		+++	0.02	600	40	25
		EZ KL-D	080	1 (2)	1 (2,3)	102	81	1.0	76.5	93	100		310	112	121	65	140	270	810	++	+++	0.01	800	50	30
		EZ KL-E	080	1 (2)	1 (2,3)	152							440									0.02	600	50	30
		EZ KV-C	040	1	1	50							180			60	100		135		-	0.02	600	40	25
		EZ KV-D	040	1 (2)	1 (2)	102	41	1.0	129.5	147	154		310	86	90	65	140	135	270	+	++	0.01	800	50	30
		EZ KV-E	040	1 (2)	1 (2)	152							440									0.02	600	50	30
		EZ KT-D	080		2 (4)	2x48	81	1.0	76.5	93	100		310	112	121	65	140	270	540	++	+++	0.02	1200	50	30
		EZ KX-C	080		2	2x28	81	1.0	129.5	147	154		180	116	125	60	100	310	-	++	-	0.02	1000	40	25
		EZ KX-D	080		2	2x85	81	1.0	129.5	147	154		310	116	125	65	140	310	-	++	-	0.02	1200	50	30
LINEAR FEED MEDIUM		EZ ML-C	160	1 (2)	1 (2)	45	161	1.0	76.5	93	100	310	192	201	180	300	540	1080	+	++	0.03	800	150	80	
			240	1 (2)	1 (2)		241						272	281	180	300	900	1800	++	+++	0.03	600	150	80	
		EZ ML-D	160	1 (2)	1 (2)	102	161	1.0	76.5	93	100	310	192	201	200	450	540	1080	+	++	0.01	1000	200	100	
			240	1 (2)	1 (2)		241						272	281	200	450	900	1800	++	+++	0.01	800	200	100	
		EZ ML-E	160	1 (2)	1 (2)	178	161	1.0	76.5	93	100	440	192	201	200	400	540	1080	+	++	0.02	800	200	100	
			240	1 (2)	1 (2)		241						272	281	200	400	900	1800	++	+++	0.02	600	200	100	
		EZ MV-C	040	1	1	45	41	1.0	209.5	227	234	180	86	91	180	300	550	-	+	-	0.03	800	150	80	
			080	1	1		81						112	117	180	300	1100	-	++	-	0.03	800	150	80	
		EZ MV-D	040	1 (2)	1 (2)	102	41	1.0	209.5	227	234	310	86	91	200	450	550	1100	+	++	0.01	1000	200	100	
			080	1 (2)	1 (2)		81						112	117	200	450	1100	2200	++	+++	0.01	1000	200	100	
		EZ MV-E	040	1 (2)	1 (2)	167	41	1.0	209.5	227	234	440	86	91	200	400	550	1100	+	++	0.02	800	200	100	
			080	1 (2)	1 (2)	176	81						112	117	200	400	1100	2200	++	+++	0.02	800	200	100	
		EZ MT-D	160		2 (4)	2x70	161	1.0	76.5	93	100	440	192	201	200	450	540	1080	+	++	0.03	1200	200	100	
			240		2 (4)		241						272	281	200	450	900	1800	++	+++	0.03	1000	200	100	
		EZ MX-C	080		2	2x19							180				180	300				0.03	1000	200	100
EZ MX-D	080		2	2x84	85	1.0	209.5	227	234		310	116	125	200	450	1100	-	++	-	0.02	1200	200	100		
EZ MX-E	080		2	2x126							440			200	400					0.03	1000	200	100		
J 380		J 380	.030	1	1	33	64	1.4	39	48	53	262	78	82			580	-	+	-	0.01	300	80		
			.060	1	1	66	64						328	78	82			580	-	+	-	0.01	250	80	