

Machine parameters COMPACT LINE									
	<i>Mechanical properties</i>								
TYPE:	COMPACT 0403	COMPACT 0404	COMPACT 0405	COMPACT 0604	COMPACT 0605	COMPACT 0804	COMPACT 0805	COMPACT 1005	COMPACT 1007
Travels mm:	X: 420 Y: 310 Z: 140	X: 420 Y: 410 Z: 140	X: 420 Y: 510 Z: 140	X: 620 Y: 410 Z: 140	X: 620 Y: 510 Z: 140	X: 820 Y: 410 Z: 140	X: 820 Y: 510 Z: 140	X: 1020 Y: 510 Z: 140	X: 1020 Y: 710 Z: 140
Clamping surface mm:	X: 650 Y: 306	X: 650 Y: 406	X: 650 Y: 506	X: 850 Y: 406	X: 850 Y: 506	X: 1050 Y: 406	X: 1050 Y: 506	X: 1250 Y: 506	X: 1250 Y: 706
Installation dimensions:	L: 720 B: 510 H: 750	L: 720 B: 610 H: 750	L: 720 B: 710 H: 750	L: 920 B: 610 H: 750	L: 920 B: 710 H: 750	L: 1120 B: 610 H: 750	L: 1120 B: 710 H: 750	L: 1320 B: 710 H: 750	L: 1320 B: 910 H: 750
Passage under portal:	Z: 170								
Ball screws:	X: 16 x 10 mm Y: 16 x 10 mm Z: 16 x 5 mm Tolerance class T07 2 % pre-tensioned by special balls, so there is no play								
Repeatability:	approx. +/- 0.02 mm								
Weight w/o accessories:	approx. 48 kg	approx. 55 kg	approx. 62 kg	approx. 67 kg	approx. 76 kg	approx. 79 kg	approx. 90 kg	approx. 96 kg	approx. 102 kg
Linear guides:	Linear guides 20 mm carriage with medium preload								
Clamping plate:	Aluminum T-slot plate included								
	<i>Software parameters</i>								
Steps / revolution:	X: 3200 Y: 3200 Z: 3200 *1)								
Steps / mm:	X: 320 Y: 320 Z: 640 *1)								
Max. Feed speed Geschwindigkeit:	X: 150 mm/s or 9 m/min Y: 150 mm/s or 9 m/min Z: 83 mm/s or 5 m/min *2)								
Acceleration mm/s ² :	X: 300 Y: 300 Z: 200 *2)								
Remarks:	*1) with 3200 micro steps of the power amplifier *2) with 48 V supply voltage and high-quality power amplifiers.								