

Machine parameters BASIC LINE				
<i>Mechanical properties</i>				
TYPE:	BASIC 0605	BASIC 1005	BASIC 0607	BASIC 1007
Travels mm:	X: 650 Y: 530 Z: 140	X: 1050 Y: 530 Z: 140	X: 650 Y: 730 Z: 140	X: 1050 Y: 730 Z: 140
Clamping surface mm:	X: 840 Y: 530	X: 1240 Y: 530	X: 840 Y: 730	X: 1240 Y: 730
Passage under portal:	Z: 180	Z: 180	Z: 180	Z: 180
Installation dimensions:	L: 950 B: 790 H: 820	L: 1350 B: 790 H: 820	L: 950 B: 990 H: 820	L: 1350 B: 990 H: 820
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. 46 kg	approx. 52 kg	approx. 50 kg	approx. 57 kg
Linear guides:	Linear guides 20 mm carriage with medium preload			
Clamping plate:	Optional silkscreen or aluminum T-slot plate			
<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.			