

	Machine parameters ALU-LINE Gantry					
	<i>Mechanical characteristics</i>					
TYPE:	ALG 0607	ALG 0610	ALG 1107	ALU 1110	ALU 1507	ALU 1510
Travel mm:	X: 650 Y: 750 Z: 220	X: 650 Y: 1050 Z: 220	X: 1150 Y: 750 Z: 220	X: 1150 Y: 1050 Z: 220	X: 1550 Y: 750 Z: 220	X: 1550 Y: 1050 Z: 220
Clamping surface mm:	X: 1000 Y: 750	X: 1000 Y: 1050	X: 1500 Y: 750	X: 1150 Y: 1050 Z: 220	X: 1850 Y: 750	X: 1850 Y: 1050
Installation dimensions mm	L: 1050 B: 1160 H: 1080	L: 1050 B: 1560 H: 1080	L: 1550 B: 1160 H: 1080	L: 1550 B: 1460 H: 1080	L: 1950 B: 1160 H: 1080	L: 1950 B: 1460 H: 1080
Passage under portal mm:	Z: 270					
Ball screws:	X: 16 x 10 mm Y: 16 x 10 mm Z: 16 x 5 mm tolerance class T07					
Repeatability:	approx. +/- 0.02 mm					
Weight w/o accessories:	ca. 105 kg	ca. 120 kg	ca. 130 kg	ca. 140 kg	ca. 140 kg	ca. 150 kg
Linear guides:	Linear guides 20 mm Medium preload carriage					
Clamping surface:	Optionally available: aluminum T-slot plate, screen printing 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:	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 the power stage set to 3200 microsteps. *2) with 48 V supply voltage and high-quality power amplifiers.					