

Machine parameters ALU-LINE HEAVY GANTRY

	<i>Mechanical characteristics</i>				
TYPE:	ALU 1105 HEAVY GANTRY	ALU 1107 HEAVY GANTRY	ALU 1110 HEAVY GANTRY	ALU 1507 HEAVY GANTRY	ALU 1510 HEAVY GANTRY
Travel mm:	X: 1150 Y: 550 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: 1500 Y: 550	X: 1500 Y: 750	X: 1500 Y: 1050	X: 1900 Y: 750	X: 1900 Y: 1050
Installation dimensions:	L: 1550 B: 960 H: 1080	L: 1550 B: 1160 H: 1080	L: 1550 B: 1460 H: 1080	L: 2000 B: 1160 H: 1080	L: 2000 B: 1460 H: 1080
Passage under portal:	Z: 270				
Ball screws:	X: 25 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:	approx. 150 kg	approx. 160 kg	approx. 170 kg	approx. 180 kg	approx. 190 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.				

Machine parameters ALU-LINE HEAVY GANTRY

	<i>Mechanical characteristics</i>				
TYPE:	ALU 1513 HEAVY GANTRY	ALU 2007 HEAVY GANTRY	ALU 2010 HEAVY GANTRY	ALU 2013 HEAVY GANTRY	ALU 2016 HEAVY GANTRY
Travel mm:	X: 1550 Y: 1300 Z: 220	X: 2050 Y: 750 Z: 220	X: 2050 Y: 1050 Z: 220	X: 2050 Y: 1350 Z: 220	X: 2050 Y: 1650 Z: 220
Clamping surface mm:	X: 1900 Y: 1300	X: 2400 Y: 750	X: 2400 Y: 1050	X: 2400 Y: 1350	X: 2400 Y: 1650
Installation dimensions:	L: 1950 B: 1710 H: 1080	L: 2450 B: 1160 H: 1080	L: 2450 B: 1460 H: 1080	L: 2450 B: 1760 H: 1080	L: 2450 B: 2060 H: 1080
Passage under portal:	Z: 270				
Ball screws:	X: 25 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:	approx. 200 kg	approx. 210 kg	approx. 220 kg	approx. 230 kg	approx. 240 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.				

Machine parameters ALU-LINE HEAVY GANTRY

	Machine parameters ALU-LINE HEAVY GANTRY			
	<i>Mechanical characteristics</i>			
TYPE:	ALU 2507 HEAVY GANTRY	ALU 2510 HEAVY GANTRY	ALU 2513 HEAVY GANTRY	ALU 2516 HEAVY GANTRY
Travel mm:	X: 2550 Y: 750 Z: 220	X: 2550 Y: 1050 Z: 220	X: 2550 Y: 1350 Z: 220	X: 2550 Y: 1650 Z: 220
Clamping surface mm:	X: 2900 Y: 750	X: 2900 Y: 1050	X: 2900 Y: 1350	X: 2900 Y: 1650
Installation dimensions:	L: 2950 B: 1160 H: 1080	L: 2950 B: 1460 H: 1080	L: 2950 B: 1760 H: 1080	L: 2950 B: 2060 H: 1080
Passage under portal:	Z: 270			
Ball screws:	X: 25 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:	approx. 240 kg	approx. 250 kg	approx. 260 kg	approx. 275 kg
Linear guides:	Linear guides 20 mm Medium preload carriage			
Clamping surface:	Optionally available: aluminum T-slot plate, screen printing plate			
	<i>Software-Parameter</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.			