

| Machine parameters ALU-LINE | | | | | | |
|----------------------------------|---|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| | <i>Mechanical characteristics</i> | | | | | |
| TYPE: | ALU 0605 | ALU 0607 | ALU 0610 | ALU 1105 | ALU 1107 | ALU 1110 |
| Travel mm: | X: 650 Y: 550 Z: 220 | X: 650 Y: 750 Z: 220 | X: 650 Y: 1050 Z: 220 | X: 1150 Y: 550 Z: 220 | X: 1150 Y: 750 Z: 220 | X: 1150 Y: 1050 Z: 220 |
| Clamping surface mm: | X: 1000 Y: 550 | X: 1000 Y: 750 | X: 1000 Y: 1050 | X: 1500 Y: 550 | X: 1500 Y: 750 | X: 1500 Y: 1050 |
| Installation dimensions mm | L: 1050 B: 960 H: 1080 | L: 1050 B: 1160 H: 1080 | L: 1050 B: 1560 H: 1080 | L: 1550 B: 960 H: 1080 | L: 1550 B: 1160 H: 1080 | L: 1550 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: | approx. 95 kg | approx. 105 kg | approx. 120 kg | approx. 120 kg | approx. 130 kg | approx. 140 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 | | | | | | | | |
|-----------------------------------|---|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | <i>Mechanical characteristics</i> | | | | | | | |
| TYPE: | ALU 1105 HEAVY | ALU 1107 HEAVY | ALU 1505 HEAVY | ALU 1507 HEAVY | ALU 1510 HEAVY | ALU 2007 HEAVY | ALU 2010 HEAVY | ALU 2013 HEAVY |
| Travel mm: | X: 1150 Y: 550 Z: 220 | X: 1150 Y: 750 Z: 220 | X: 1550 Y: 550 Z: 220 | X: 1550 Y: 750 Z: 220 | X: 1550 Y: 1050 Z: 220 | X: 2050 Y: 750 Z: 220 | X: 2050 Y: 1050 Z: 220 | X: 2050 Y: 1350 Z: 220 |
| Clamping surface mm: | X: 1500 Y: 550 | X: 1500 Y: 750 | X: 1850 Y: 550 | X: 1900 Y: 750 | X: 1900 Y: 1050 | X: 2400 Y: 750 | X: 2400 Y: 1050 | X: 2400 Y: 1350 |
| Installation dimensions mm: | L: 1550 B: 960 H: 1080 | L: 1550 B: 1160 H: 1080 | L: 2000 B: 960 H: 1080 | L: 2000 B: 1160 H: 1080 | L: 2000 B: 1460 H: 1080 | L: 2450 B: 1160 H: 1080 | L: 2450 B: 1460 H: 1080 | L: 2450 B: 1760 H: 1080 |
| Passage under portal mm: | 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. 180 kg | approx. 200 kg | approx. 210 kg | approx. 210 kg | approx. 220 kg | approx. 210 kg | approx. 240 kg | approx. 270 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 1105 HEAVY GANTRY | ALU 1107 HEAVY GANTRY | ALU 1507 HEAVY GANTRY | ALU 1510 HEAVY GANTRY | ALU 2010 HEAVY GANTRY |
| Travel mm: | X: 1150 Y: 550 Z: 220 | X: 1150 Y: 750 Z: 220 | X: 1550 Y: 750 Z: 220 | X: 1550 Y: 1050 Z: 220 | X: 2050 Y: 1050 Z: 220 |
| Clamping surface mm: | X: 1500 Y: 550 | X: 1500 Y: 750 | X: 1900 Y: 750 | X: 1900 Y: 1050 | X: 2400 Y: 1050 |
| Installation dimensions mm | L: 1550 B: 960 H: 1080 | L: 1550 B: 1160 H: 1080 | L: 2000 B: 1160 H: 1080 | L: 2000 B: 1460 H: 1080 | L: 2450 B: 1460 H: 1080 |
| Passage under portal mm: | 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. 190 kg | approx. 200 kg | approx. 220 kg | approx. 230 kg | approx. 250 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. | | | | |