


TECHNICAL DATA
Axitom-5/400

| | | Axitom-5/400 |
|---------------------------------|------------------------------------|---|
| Capacity | Height x Length | 125 x 290 mm (4.9 x 11.4") |
| | Diameter | 150 mm (6") |
| | Cutting length | 0-440 mm (0 -17.3") |
| Cut-off wheel | Diameter | 400 mm (16") |
| | Arbor diameter | 32 mm (1.26") |
| Cut-off wheel motor | Rotational speed | 1450 rpm (motor), 1957 rpm (COW) @ 3x200V / 50 Hz |
| | | 1730 rpm (motor), 1937 rpm (COW) @ 3x200-210V / 60 Hz |
| | | 1705 rpm (motor), 1909 rpm (COW) @ 3x220-240V / 60 Hz |
| | | 1450 rpm (motor), 1957 rpm (COW) @ 3x380-415V / 50 Hz |
| | | 1745 rpm (motor), 1954 rpm (COW) @ 3x380-415V / 60 Hz |
| | Height adjustment of cut-off wheel | 0-175 mm (6.9") |
| Cutting table | Width | 591 mm (23.3") |
| | Depth | 492 mm (19.4") |
| | T-slots | T-slot with exchangeable T-slot plates, 12 mm |
| | Feed speed | 0.05 - 5 mm/s (0.002" - 0.2"/s) |
| Laser | | Option |
| Software and electronics | Controls | Turn/push knob, buttons |
| | Display | LCD, TFT-color 5.7", 320 x 240 dots with LED back light |
| Safety standards | | CE-labeled according to EU directives |
| REACH | | For information about REACH, contact your local Struers office. |
| Operating environment | Surrounding temperature | 5 - 40°C (41 - 104°F) |
| | Humidity | 35 - 85 % RH non-condensing |
| Power supply 1 | Voltage/frequency | 3 x 200 V / 50 Hz |
| | Power inlet | 3 phase (3L + PE) |
| | Power S1 | 7.5 kW |
| | Power S3 | 60% |
| | Power, idle | 20 W |
| | Current, max. | 64 A |

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| Power supply 2 | Voltage/frequency | 3 x 200-210 V / 60 Hz |
| | Power inlet | 3 phase (3L + PE) |
| | Power S1 | 7.5 kW |
| | Power S3 | 60% |
| | Power, idle | 20 W |
| | Current, max. | 66 A |
| Power supply 3 | Voltage/frequency | 3 x 380-415 V / 50 Hz |
| | Power inlet | 3 phase (3L + PE) |
| | Power S1 | 7.5 kW |
| | Power S3 | 60% |
| | Power, idle | 20 W |
| | Current, max. | 32 A |
| Power supply 4 | Voltage/frequency | 3 x 380-415 V / 60 Hz |
| | Power inlet | 3 phase (3L + PE) |
| | Power S1 | 7.5 kW |
| | Power S3 | 60% |
| | Power, idle | 20 W |
| | Current, max. | 32 A |
| Power supply 5 | Voltage/frequency | 3 x 440-480 V / 60 Hz |
| | Power inlet | 3 phase (3L + PE) |
| | Power S1 | 9.0 kW |
| | Power S3 | 60% |
| | Power, idle | 20 W |
| | Current, max. | 32 A |
| Cooling system | | Option. Coolimat-2000 or Cooli System 4 |
| Exhaust | Recommended capacity | 80 mm (3.15") |
| Advanced features | Fixed | Yes |
| | X-table | Yes |
| | XY-table | Yes |
| | Rotary stand | N/A |

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| Safety Circuit Categories/Performance Level | Door Interlock | PL d, EN 60204-1 Stop category 0, EN ISO 13849-1 |
| | Door Interlock lock | PL a, EN 60204-1 Stop category 0, EN ISO 13849-1 |
| | Hold-to-run | PL c, EN 60204-1 Stop category 0, EN ISO 13849-1 |
| | Emergency stop | PL c, EN 60204-1 Stop category 0, EN ISO 13849-1 |
| | Axis speed monitoring | PL c EN ISO 13849-1 |
| | Fluid system - cooling | PL b EN ISO 13849-1 |
| | Fluid system - AxioWash | PL b EN ISO 13849-1 |
| | Residual Current Circuit Breaker (RCCB) | |
| Noise level | A-weighted sound emission pressure level at workstations | LpA = 75.2 dB(A) (measured value). Uncertainty K = 4 dB Measurements made in accordance with EN ISO 11202 |
| Vibration level | Declared vibration emission | N/A |
| Dimensions and weight | Width | 115.5 cm (45.5") |
| | Depth, with plug | 130.5 cm (51.4") |
| | Height | 174.5 cm (68.7") |
| | Weight | 758 kg (1670 lbs) |