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# AS 4055.912

# Perforex Milling Terminal MT 1101 S

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# AS 4055.912 - Perforex Milling Terminal MT 1101 S

US version – The Perforex Milling Terminal is a 4-axis CNC machine used for modifying standard enclosures. It provides automated machining of enclosure panels and cubic parts e.g. for holes, threads and cut-outs. The Perforex Milling Terminal 1101 is an inexpensive entry-level solution for automated component modification. Fast, simple machining of nearly all compact and large enclosures.

## Features

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|---|---|
| Model No. | AS 4055.912 |
| Design | Enclosure panel machining<br>Enclosure machining<br>Patented pressure plate with integral extraction of the milling swarf<br>High-performance spindle including minimal quantity lubrication<br>Automatic tool testing<br>DIN tools<br>Pneumatic clamping device<br>US version |
| Product description | The Perforex Milling Terminal is a 4-axis CNC machine used for modifying standard enclosures. It provides automated machining of enclosure panels and housings e.g. for holes, threads and cut-outs. The Perforex Milling Terminal 1101 is an inexpensive entry-level solution for automated component modification. Fast, simple machining of nearly all compact and large enclosures. |

# Features

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|---|---|
| Benefits | Fast return on investment (ROI) and significantly enhanced competitiveness<br>Short throughput times with consistently high machining quality<br>Wire consistency with network-based software<br>Easy to use with a clearly organised HMI and 24-inch screen<br>Automatic tool change and integral tool length measurement<br>Automatic swarf extraction when drilling and milling<br>The high-performance spindle allows fast, precise, reliable machining<br>Intuitive clamping system with pneumatic clamping device, optimised for enclosure components |
| Supply includes | The Perforex MT S is configured on a project-specific basis |
| Machinable material | Aluminium<br>Steel<br>Stainless steel<br>Plastic<br>Copper |
| Machine options | 2 additional zero points for multi-part machining 4050.110 |
| Machine controller | Order management with the Rittal Panel Processing Center (RiPPC)<br>Operation with Rittal HMI |
| Safety | Security fence to DIN EN ISO 13857<br>Optical protective device in front of and behind the machine<br>Reliable braking of the axes even in the event of a power failure |
| Interfaces | Rittal Panel Processing Center (RiPPC)<br>EPLAN Pro Panel<br>Rittal Configuration System<br>Import of DXF data |
| Note | We reserve the right to make technical modifications |
| Compressed air connection | 6 bar |
| Weight of workpiece, panel machining (max.) | 200 kg |
| Weight of workpiece, enclosure machining (max.) | 200 kg |
| No. of tool slots | 18 |
| Machining accuracy | ± 0.2 mm |

# Features

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|---|---|
| Speed X/Y-axis | 60,000 mm/min |
| Speed Z-axis | 12,000 mm/min |
| Spindle speed (max.) | 21,000 rpm |
| Spindle performance (max.) | 11 kW |
| Control voltage (DC) | 24 V |
| Rated current max. | 6.2 A |
| Rated operating voltage | 3L, 400 - 480 Y / 230 - 277 V, 50/60 Hz |
| Machining speed (max.) | 1,500 mm/min |
| Dimensions of clampable enclosures min. | Width: 100 mm<br>Height: 100 mm<br>Depth: 140 mm |
| Dimensions of clampable enclosures max. | Width: 1,200 mm<br>Height: 1,400 mm<br>Depth: 1,400 mm |
| Dimensions of clampable enclosure panels min. | Width: 100 mm<br>Height: 100 mm<br>Depth: 1.25 mm |
| Dimensions of clampable enclosure panels max. | Width: 2,450 mm<br>Height: 1,500 mm<br>Depth: 5 mm |
| Maximum machinable area for enclosure panels | Width: 2,200 mm<br>Height: 1,500 mm |
| Maximum machinable area for enclosures | Width: 750 mm<br>Height: 1,400 mm |
| Packs of | 1 pc(s). |
| Net weight | 1600 |
| Gross weight | 1600 |
| Customs tariff number | 84571090 |
| EAN | 4028177971455 |