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## AS 4055.921

# Perforex Milling Terminal MT 2101 S

State: 2025.9.9 (Source: [rittal.com/lt-en](http://rittal.com/lt-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# AS 4055.921 - Perforex Milling Terminal MT 2101 S

The Perforex Milling Terminal 2101 offers the greatest flexibility of the MT series. Supports machining of all compact and large enclosures.



## Features

|                     |  |
|---------------------|--|
| Model No.           | AS 4055.921  |
| Design              | Enclosure machining<br>Enclosure panel 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   |
| 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 2101 offers the greatest flexibility of the MT series. It supports machining of all compact and large enclosures. |

# Features

|                     |  |
|---------------------|--|
| Benefits            | <p>Fast return on investment (ROI) and significantly enhanced competitiveness</p> <p>Short throughput times with consistently high machining quality</p> <p>Wire consistency with network-based software</p> <p>Easy to use with a clearly organised HMI and 24-inch screen</p> <p>Automatic tool change and integral tool length measurement</p> <p>Tool-friendly machining with minimal quantity lubrication system and plate</p> <p>Automatic swarf extraction when drilling and milling</p> <p>The high-performance spindle allows fast, precise, reliable machining</p> <p>Intuitive clamping system with pneumatic clamping device, optimised for enclosure components</p> |
| Supply includes     | The Perforex MT S is configured on a project-specific basis  |
| Machinable material | <p>Aluminium</p> <p>Steel</p> <p>Stainless steel</p> <p>Plastic</p> <p>Copper</p>  |
| Machine options     | <p>Signal pillar 4055.954</p> <p>Side access 4055.952</p> <p>Support arm system 4055.951</p> <p>Enclosure machining 2000 mm 4055.953</p> <p>2 additional zero points for multi-part machining 4050.066</p>   |
| Machine controller  | <p>Order management with the Rittal Panel Processing Center (RiPPC)</p> <p>Operation with Rittal HMI</p>   |
| Safety              | <p>Security fence to DIN EN ISO 13857</p> <p>Optical protective device in front of and behind the machine</p> <p>Reliable braking of the axes even in the event of a power failure</p>   |
| Interfaces          | <p>Rittal Panel Processing Center (RiPPC)</p> <p>EPLAN Pro Panel</p> <p>Rittal Configuration System</p> <p>Import of DXF data</p>  |
| Note                | We reserve the right to make technical modifications   |
| Support area        | <p>Width: 4,600 mm</p> <p>Height: 2,450 mm</p> <p>Depth: 3,750 mm</p>  |

# Features

|   |  |
|---|--|
| Compressed air connection                       | 6 bar  |
| Weight of workpiece, panel machining (max.)     | 250 kg   |
| Weight of workpiece, enclosure machining (max.) | 300 kg   |
| No. of tool slots                               | 21   |
| Machining accuracy                              | ± 0.2 mm   |
| 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+PE, 400 - 480 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: 1,400 mm<br>Height: 1,600 mm<br>Depth: 1,600 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: 1,700 mm<br>Depth: 5 mm     |
| Maximum machinable area for enclosure panels    | Width: 2,200 mm<br>Height: 1,700 mm                    |
| Maximum machinable area for enclosures          | Width: 1,200 mm<br>Height: 1,600 mm                    |

# Features

|                       |               |
|-----------------------|---------------|
| Packs of              | 1 pc(s).      |
| Net weight            | 2300          |
| Gross weight          | 2720          |
| Customs tariff number | 84571090      |
| EAN                   | 4028177967526 |

# Approvals

|              |                           |
|--------------|---------------------------|
| Explanations | Declaration of conformity |
|--------------|---------------------------|