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AS 4055.926

Perforex Milling Terminal MT 2201  
S

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POWER DISTRIBUTION

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

# AS 4055.926 - Perforex Milling Terminal MT 2201 S

The Perforex Milling Terminal 2201 features a wide workpiece holder as standard with two doors. Ideal for machining fully welded enclosures and large enclosure panels.



## Features

|                     |  |
|---------------------|--|
| Model No.           | AS 4055.926  |
| Design              | <ul style="list-style-type: none"><li>Motorised depth adjuster 2200 mm</li><li>Enclosure machining</li><li>Enclosure panel machining</li><li>Two-door</li><li>Patented pressure plate with integral extraction of the milling swarf</li><li>High-performance spindle including minimal quantity lubrication</li><li>Automatic tool testing</li><li>DIN tools</li><li>Pneumatic clamping device</li></ul> |
| Product description | <p>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 2201 features a wide workpiece holder as standard with two doors. Ideal for machining fully welded enclosures.</p>   |

# Features

|                     |   |
|---------------------|---|
| 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>Tool-friendly machining with minimal quantity lubrication system and plate<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     | Signal pillar 4055.954<br>Side access 4055.952<br>Support arm system 4055.951<br>Clamping height extension 4050.035<br>2 additional zero points for multi-part machining 4050.111   |
| 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  |
| Support area        | Width: 5,050 mm<br>Height: 2,400 mm<br>Depth: 4,550 mm  |

# 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: 2,300 mm<br>Height: 1,600 mm<br>Depth: 2,200 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: 2,300 mm<br>Height: 1,550 mm<br>Depth: 5 mm     |
| Maximum machinable area for enclosure panels    | Width: 2,300 mm<br>Height: 1,700 mm                    |
| Maximum machinable area for enclosures          | Width: 2,300 mm<br>Height: 1,600 mm                    |

# Features

|                       |               |
|-----------------------|---------------|
| Packs of              | 1 pc(s).      |
| Net weight            | 3200          |
| Gross weight          | 3200          |
| Customs tariff number | 84571090      |
| EAN                   | 4028177967564 |

# Approvals

## Explanations Declaration of conformity