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## AS 4055.927

## Perforex Milling Terminal MT 2201 S

State: 07/12/2025 (Source: [rittal.com/gr-en](http://rittal.com/gr-en))

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FRIEDHELM LOH GROUP



# AS 4055.927 - Perforex Milling Terminal MT 2201 S

US version – 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 4055.927
Design	Motorised depth adjuster 2200 mm Enclosure machining Enclosure panel machining Two-door Patented pressure plate with integral extraction of the milling swarf High-performance spindle including minimal quantity lubrication Automatic tool testing DIN tools Pneumatic clamping device 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 2201 features a wide workpiece holder as standard with two doors. Ideal for machining fully welded 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>Clamping height extension 4050.035</p> <p>2 additional zero points for multi-part machining 4050.111</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: 5,050 mm</p> <p>Height: 2,400 mm</p> <p>Depth: 4,550 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, 400 - 480 V / 230 - 277 V, 50/60 Hz
Machining speed (max.)	1,500 mm/min
Dimensions of clampable enclosures min.	Width: 100 mm Height: 100 mm Depth: 140 mm
Dimensions of clampable enclosures max.	Width: 2,300 mm Height: 1,600 mm Depth: 2,200 mm
Dimensions of clampable enclosure panels min.	Width: 100 mm Height: 100 mm Depth: 1.25 mm
Dimensions of clampable enclosure panels max.	Width: 2,300 mm Height: 1,550 mm Depth: 5 mm
Maximum machinable area for enclosure panels	Width: 2,300 mm Height: 1,700 mm
Maximum machinable area for enclosures	Width: 2,300 mm Height: 1,600 mm

# Features

Packs of	1 pc(s).
Net weight	3200
Gross weight	3200
Customs tariff number	84596110
EAN	4028177971431