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## AS 4055.926

# Perforex Milling Terminal MT 2201 S

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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

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Model No.	AS 4055.926
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
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.

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# Features

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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>Access from the right 4055.952</p> <p>Support arm system 4055.951</p> <p>Clamping height extension 4050.035</p> <p>Access from the left 4055.950</p> <p>Additional zero points for multi-part machining, vertically hinged 4050114</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

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# Features

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Support area	Width: 5,050 mm Height: 2,400 mm Depth: 4,550 mm
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 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

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# Features

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

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# Approvals

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Explanations	Declaration of conformity
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