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## AS 4055.927

# Perforex Milling Terminal MT 2201 S

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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

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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.

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# Features

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Benefits	Fast return on investment (ROI) and significantly enhanced competitiveness Short throughput times with consistently high machining quality Wire consistency with network-based software Easy to use with a clearly organised HMI and 24-inch screen Automatic tool change and integral tool length measurement Tool-friendly machining with minimal quantity lubrication system and plate Automatic swarf extraction when drilling and milling The high-performance spindle allows fast, precise, reliable machining 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 Steel Stainless steel Plastic Copper
Machine options	Signal pillar 4055.954 Access from the right 4055.952 Support arm system 4055.951 Clamping height extension 4050.035 Access from the left 4055.950
Machine controller	Order management with the Rittal Panel Processing Center (RiPPC) Operation with Rittal HMI
Safety	Security fence to DIN EN ISO 13857 Optical protective device in front of and behind the machine Reliable braking of the axes even in the event of a power failure
Interfaces	Rittal Panel Processing Center (RiPPC) Eplan Pro Panel Rittal Configuration System Import of DXF data
Note	We reserve the right to make technical modifications
Support area	Width: 5,050 mm Height: 2,400 mm Depth: 4,550 mm

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# 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

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Packs of	1 pc(s).
Net weight	3,200 kg
Gross weight	3,200 kg
Customs tariff number	84596110

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