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## AS 4055.922

## Perforex Milling Terminal MT 2101 S

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FRIEDHELM LOH GROUP



# AS 4055.922 - Perforex Milling Terminal MT 2101 S

USA version - The Perforex Milling Terminal 2101 offers the greatest flexibility of the MT series. It is capable of machining all compact and large enclosures.



## Features

Model No.	AS 4055.922
Version	Housing machining Flat part machining Patented plate with integral extraction of the milling swarf (such as chips, turnings, filings, or shavings). High-performance spindle including minimal quantity lubrication Automatic tool check DIN tools Pneumatic clamping device USA version
Product description	The Perforex Milling Terminal is a four-axis CNC machine and is used for modifying standard enclosures, and offers automatic machining of enclosure panels and housings, e.g. for holes, threading, and cut-outs. The Perforex 2101 Milling Terminal offers the most flexibility within the MT series. It can be used to operate all compact and large control cabinets.

# Features

Benefits	<p>Fast return on investment (ROI) and significantly enhanced competitiveness</p> <p>Short throughput times with consistently high product quality</p> <p>Data consistency due to network-based software</p> <p>Easy to use with a clearly organized HMI and 24-inch screen</p> <p>Automatic tool change and integrated tool length measurement</p> <p>Tool-friendly machining due to minimum-quantity lubrication system and pressure plate</p> <p>Automatic chip 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 – optimized for enclosure components</p>
Supply includes	The Perforex MT S is configured for specific projects
Workable material	<p>Aluminum</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>4055.951 support arm system</p> <p>Cube machining 2000 mm 4055.953</p> <p>2 additional zero points for multi-part machining 4050.066</p>
Machine controller	<p>Order control with Rittal Panel Processing Center (RiPPC)</p> <p>Operation with Rittal HMI</p>
Security	<p>Safety fence according to DIN EN ISO 13857</p> <p>Optical protective device in front of and behind the machine</p> <p>Safe 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>DXF data import</p>
Note	We reserve the right to make technical modifications

# Features

Support area	Width: 4,600 mm Height: 2,450 mm Depth: 3,750 mm Width: 181 ~ Depth: 148 ~
Compressed air connection	6 bar
Weight of workpiece, panel machining (max.)	250 kg
Weight of workpiece, enclosure machining (max.)	300 kg
Number of workstations	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 power (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: 1,400 mm Height: 1,600 mm Depth: 1,600 mm
Min. clamping panel dimensions	Width: 100 mm Height: 100 mm Depth: 1.25 mm
Max. clamping panel dimensions	Width: 2,450 mm Height: 1,700 mm Depth: 5 mm

# Features

Maximum machinable area for enclosure panels	Width: 2,200 mm Height: 1,700 mm
Max. machinable area for enclosures	Width: 1,200 mm Height: 1,600 mm
Packaging unit	1 pc(s).
Net weight	2300
Gross weight	2720
Customs tariff number	84571090
EAN	4028177971448