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AS 4055.922

Perforex Milling Terminal MT 2101 S

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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.

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Features

Benefits	Fast return on investment (ROI) and significantly enhanced competitiveness Short throughput times with consistently high product quality Data consistency due to network-based software Easy to use with a clearly organized HMI and 24-inch screen Automatic tool change and integrated tool length measurement Tool-friendly machining due to minimum-quantity lubrication system and pressure plate Automatic chip extraction when drilling and milling The high-performance spindle allows fast, precise, reliable machining Intuitive clamping system with pneumatic clamping device – optimized for enclosure components
Supply includes	The Perforex MT S is configured for specific projects
Workable material	Aluminum Steel Stainless steel Plastic Copper
Machine options	Signal pillar 4055.954 Access from the right 4055.952 4055.951 support arm system Cube machining 2000 mm 4055.953 Access from the left 4055.950 Additional zero points for multi-part machining, vertically hinged 4050114 Additional zero points for multi-part machining, plug-type 4050113
Machine controller	Order control with Rittal Panel Processing Center (RiPPC) Operation with Rittal HMI
Security	Safety fence according to DIN EN ISO 13857 Optical protective device in front of and behind the machine Safe braking of the axes even in the event of a power failure
Interfaces	Rittal Panel Processing Center (RiPPC) Eplan Pro Panel Rittal Configuration System DXF data import
Note	We reserve the right to make technical modifications

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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 Y / 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

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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	2,300 kg
Gross weight	2,720 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84596110