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AS 4055.912

Perforex Milling Terminal MT 1101 S

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AS 4055.912 - Perforex Milling Terminal MT 1101 S

US version – The Perforex Milling Terminal is a 4-axis CNC machine used for modifying standard enclosures. It provides automated machining of enclosure panels and cubic parts e.g. for holes, threads and cut-outs. The Perforex Milling Terminal 1101 is an inexpensive entry-level solution for automated component modification. Fast, simple machining of nearly all compact and large enclosures.



Features

Model No.	AS 4055.912
Design	Enclosure panel machining Enclosure machining 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 1101 is an inexpensive entry-level solution for automated component modification. Fast, simple machining of nearly all compact and large 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>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	2 additional zero points for multi-part machining 4050.110
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
Compressed air connection	6 bar
Weight of workpiece, panel machining (max.)	200 kg
Weight of workpiece, enclosure machining (max.)	200 kg
No. of tool slots	18
Machining accuracy	± 0.2 mm

Features

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: 1,200 mm Height: 1,400 mm Depth: 1,400 mm
Dimensions of clampable enclosure panels min.	Width: 100 mm Height: 100 mm Depth: 1.25 mm
Dimensions of clampable enclosure panels max.	Width: 2,450 mm Height: 1,500 mm Depth: 5 mm
Maximum machinable area for enclosure panels	Width: 2,200 mm Height: 1,500 mm
Maximum machinable area for enclosures	Width: 750 mm Height: 1,400 mm
Packs of	1 pc(s).
Net weight	1,600 kg
Gross weight	1,600 kg
Customs tariff number	84596110