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## AS 4055.912

# Perforex Milling Terminal MT 1101 S

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FRIEDHELM LOH GROUP



# 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	<p>Signal pillar 4055.954</p> <p>Access from the left 4055.950</p> <p>Access from the right 4055.952</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
Compressed air connection	6 bar
Weight of workpiece, panel machining (max.)	200 kg
Weight of workpiece, enclosure machining (max.)	200 kg

# Features

No. of tool slots	18
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: 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