AS 4055.922

Perforex Milling Terminal MT 2101 S

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AS 4055.922 - Perforex Milling Terminal MT 2101 S

US version – The Perforex Milling Terminal 2101 offers the greatest flexibility of the MT series. Supports machining of all compact and large enclosures.

Features

Model No.	AS 4055.922
Design	Enclosure machining
	Enclosure panel 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 2101 offers the greatest flexibility of the MT series. It supports machining of all compact and large enclosures.

Features

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
	Side access 4055.952
	Support arm system 4055.951
	Enclosure machining 2000 mm 4055.953
	2 additional zero points for multi-part machining 4050.066
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: 4,600 mm
	Height: 2,450 mm
	Depth: 3,750 mm

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 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
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: 1,700 mm Depth: 5 mm
Maximum machinable area for enclosure panels	Width: 2,200 mm Height: 1,700 mm
Maximum machinable area for enclosures	Width: 1,200 mm Height: 1,600 mm

Features

Packs of	1 pc(s).
Net weight	2300
Gross weight	2720
Customs tariff number	84571090
EAN	4028177971448