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AS 4055.927

Perforex Milling Terminal MT 2201 S

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POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



AS 4055.927 - Perforex Milling Terminal MT 2201 S

USA version - The Perforex Milling Terminal 2201 features a wide workpiece holder as standard with two doors. Ideal for machining fully-welded enclosures as well as large enclosure panels.



Features

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| Model No. | AS 4055.927 |
| Version | Motorized depth adjustment 2200 mm Housing machining Flat part machining double door 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 2201 Milling Terminal offers a wide workpiece fixture in the standard version with two doors. Ideal for machining fully-welded enclosures. |

Features

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| 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 Clamping height extension 4050.035 Access from the left 4055.950 |
| 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 |

Features

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| Support area | Width: 5,050 mm Height: 2,400 mm Depth: 4,550 mm Width: 199 " Depth: 179 " |
| 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: 2,300 mm Height: 1,600 mm Depth: 2,200 mm |
| Min. clamping panel dimensions | Width: 100 mm Height: 100 mm Depth: 1.25 mm |
| Max. clamping panel dimensions | Width: 2,300 mm Height: 1,550 mm Depth: 5 mm |

Features

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| Maximum machinable area for enclosure panels | Width: 2,300 mm Height: 1,700 mm |
| Max. machinable area for enclosures | Width: 2,300 mm Height: 1,600 mm |
| Packaging unit | 1 pc(s). |
| Net weight | 3,200 kg |
| Gross weight | 3,200 kg |
| Customs tariff number | 84596110 |
