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AS 4050.335

Laser centre Perforex LC 3030

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Perforex laser centres are specifically designed for the automated mechanical modification of standard enclosures. The Perforex LC specialises in 3D laser machining of cubes and contactless, low-vibration machining. Machining of mounting plates including tapped holes is also supported.

Features

Model No.	AS 4050.335
Design	US version
Product description	Perforex laser centres are specially designed for the automated mechanical modification of standard enclosures. The Perforex LC specialises in 3D laser machining of cubes and contactless, low-vibration machining. Machining of mounting plates including tapped holes is also supported.
Benefits	3D enclosure machining without repositioning the workpiece No tarnishing or discolouration of the cut edges when machining stainless steel Spray-finished metal parts, even those with delicate contours, can be cut without damaging the paint or causing discolouration Product spectrum from compact to large enclosures Contactless, low-vibration machining with no tool wear No need to clamp the workpieces Machining speed with stainless steel 20x faster than with conventional milling process Ergonomic working, thanks to the extendible support surface for enclosure and panel machining Simultaneous machining of 5 sides
Technical specifications	Laser pointer (auxiliary laser), beam power laser class 1 Very narrow cutting width of just 0.3 mm (approx.) Class 4 laser

Features

Supply includes	Laser centre Compressor Machine housing Filter system Operating unit
Machinable material	Stainless steel Sheet steel Aluminium
Machine controller	Workshop programming
Safety	Protective housing to achieve laser class 1. May be operated by properly trained personnel, no need for a laser specialist Security door
Interfaces	EPLAN Pro Panel Transfer of DXF formats Rittal Configuration System
Note	Safety roof (4050.317) for machine housing is mandatory if the machine can be viewed from above A site inspection by a Rittal specialist to select and define the laser version required is necessary We reserve the right to make technical modifications
Support area	Width: 3,900 mm Height: 3,800 mm Depth: 10,500 mm
Beam power max.	300 W (CW) or 3000 W (pulse)
Pulse energy (max.)	30 J
Duration of pulse, max.	50 µs at 300 W output
Wavelength	1,070 nm
Maximum machinable material thickness, sheet steel	3 mm
Maximum machinable material thickness, stainless steel	3 mm
Maximum machinable material thickness, aluminium	3 mm
Control voltage (DC)	24 V

Features

Power consumption	3 kW
Rated operating voltage	400 V, 3~, 60 Hz
Max. machinable area of cubes	Width: 1,200 mm Height: 800 mm Depth: 2,250 mm
Packs of	1 pc(s).
Net weight	4500
Gross weight	4500
Customs tariff number	84561190
EAN	4028177957541
ECLASS 8.0	36620404