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AS 4050.335

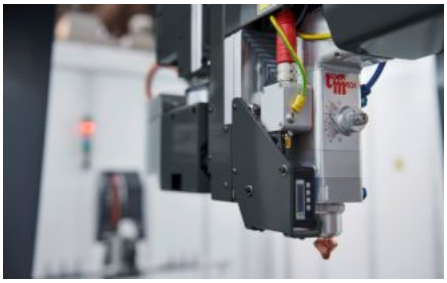
Laser center Perforex LC 3030

State: 11/5/2026 (Source: www.rittal.com/us-en)

AS 4050.335 - Laser center Perforex LC 3030

Perforex laser centers are specifically developed 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







Features

Model No.	AS 4050.335
Version	USA version
Product description	Perforex laser centers are specifically developed for the automated mechanical modification of standard enclosures. The Perforex LC specializes in the 3D laser machining of cubes in a contact-free and low-vibration manner. Machining of mounting plates including threaded holes is possible.
Benefits	3D cube 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 and low-vibration machining without tool wear No clamping of workpieces required With stainless steel, work is completed 20 times faster than in the usual milling process Ergonomic working due to extendible contact surface for enclosure and panel machining Simultaneous machining of 5 surfaces
Technical specifications	Laser pointer (auxiliary laser) beam power, laser class 1 Very narrow cutting width of just 0.3 mm (approx.) Class 4 laser

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Features

Supply includes	Laser center Compressor Machine housing Filter system Control unit
Workable material	Stainless steel Carbon steel Aluminum
Machine controller	Workshop programming
Security	Safety housing for compliance with laser class 1. May be operated by properly trained personnel, no laser specialist required. Security door
Interfaces	Eplan Pro Panel Transfer of DXF formats Rittal Configuration System
Note	Roof mounting (4050.317) of the machine housing is mandatory if the machine is visible from above. An on-site inspection by a Rittal specialist is required for selection and determination of the laser version. We reserve the right to make technical modifications
Support area	Width: 3,900 mm Height: 3,800 mm Depth: 10,500 mm Width: 154 ″ Depth: 413 ″
Radiant power max.	300 W (CW) or 3000 W (pulse)
Pulse energy (max.)	30 J
Max. pulse duration	50 µs at 300 W output
Wavelength	1,070 nm
Max. material thickness that can be machined for sheet steel	3 mm
Max. material thickness that can be machined for stainless steel	3 mm

Features

Max. machinable material thickness, aluminum	3 mm
Control voltage (DC)	24 V
Rated power	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
Packaging unit	1 pc(s).
Net weight	4,500 kg
Gross weight	4,500 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84561190
ECLASS 8.0	36620404