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AS 4050.315

Laser center Perforex LC 3030

State: 8/31/2024 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

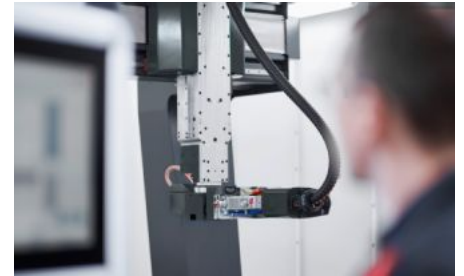
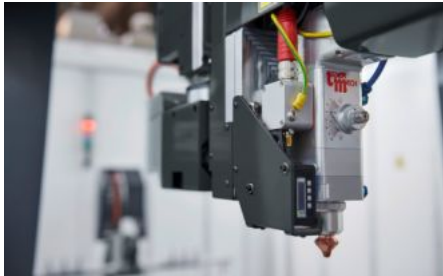
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



AS 4050.315 - 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 4050.315
Version	Perforex LC 3015
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	<ul style="list-style-type: none">3D cube machining without repositioning the workpieceNo tarnishing or discolouration of the cut edges when machining stainless steelSpray-finished metal parts, even those with delicate contours, can be cut without damaging the paint or causing discolourationProduct spectrum from compact to large enclosuresContactless and low-vibration machining without tool wearNo clamping of workpieces requiredWith stainless steel, work is completed 20 times faster than in the usual milling processErgonomic working due to extendible contact surface for enclosure and panel machiningSimultaneous machining of 5 surfaces
Technical specifications	<ul style="list-style-type: none">Laser pointer (auxiliary laser) beam power, laser class 1Very narrow cutting width of just 0.3 mm (approx.)Class 4 laser

Features

Material	Stainless steel Carbon steel Carbon steel, powder-coated
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
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.	150 W (CW) or 1500 W (pulse)
Pulse energy (max.)	15 J
Max. pulse duration	50 µs at 150 W output
Wavelength	1,070 nm
Max. material thickness that can be machined for sheet steel	3 mm

Features

Max. material thickness that can be machined for stainless steel	3 mm
Control voltage (DC)	24 V
Rated power	1.5 kW
Rated operating voltage	400 V, 3~, 50 Hz
Max. machinable area of cubes	Width: 1,270 mm Height: 2,250 mm Depth: 800 mm
Support area	Width: 3,900 mm Height: 3,800 mm Depth: 10,500 mm Width: 154 " Depth: 413 "
Packaging unit	1 pc(s).
Customs tariff number	84561190
EAN	4028177804760
ETIM 7.0	EC000000
ECLASS 8.0	36620404
