



SOLUTION

BREVIS 1212 AJ

A COMPACT FIBER LASER MACHINE
LIKE NEVER BEFORE



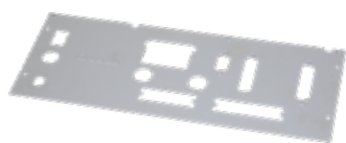
BREVIS 1212 AJ

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ALL-AROUND FIBER LASER MACHINE

BREVIS is an all-around fiber laser machine that meets customer needs for cutting thin-to-thick materials. It's a user-friendly machine that is compact and equipped with the latest features and can be used easily regardless of operator's experience.

SAMPLES



Material type / thickness : SECC 1.0mm
Size : 280 × 108mm
Cutting speed : F27000
Thin plate, high speed combination processing * OVS-D (option) is used



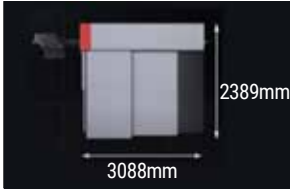
Material type / thickness : SS400 12.0mm
Size : 100 × 100mm
Cutting speed : F1100
Mild steel, thick plate stable processing



Material type / thickness : SPHC 4.5mm
Size : 362 × 142mm
Cutting speed : F3400
High speed cutting of mild steel, medium-thick plate

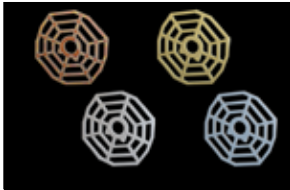


STANDARD EQUIPMENT AND FUNCTIONS



Compact

The long-awaited compact size fiber lasers are now available. A versatile 4' x 4' size fiber laser machine.



All-around

BREVIS can process highly reflective materials such as copper, brass, aluminum and hot-dip galvanized, which are difficult to process with a CO₂ laser. Equipped with a 3kW fiber laser oscillator, it can provide a wide range cutting of thin-to-thick materials. In addition, additional processing on 3D objects can be easily processed.



AMNC 3i

Equipped with AMNC 3i that can be used like a smartphone, it fully supports customers.



Fully open partition

By adopting a fully open partition, both danger prevention and excellent material access are achieved.



One-lens operation

The entire material range can be processed with a single lens.



Energy Saving

Equipped with a fiber laser oscillator, it greatly contributes to the reduction of running costs.

COMPLEMENTARY EQUIPMENT



i-CAS

Camera based on-screen nesting and positioning is available.



1250 x 2500 mm size

Although the processing dimensions are 1250 x 1250, it is possible to load 1250 x 2500 size material



Pipe Index

Equipped with a chuck index, it's possible to process not only flat plates but also tubes.



OVS-D

The hole position processed by punching machines is measured and the origin position is corrected, enabling combined processing.

Unit: mm

DIMENSIONS**BREVIS-1212AJ**

(L) 3088 x (W) 2389 x (H) 1900

**MACHINE SPECIFICATIONS**

			BREVIS-1212AJ
Numerical Control			AMNC 3i
Axis travel distance	X x Y x Z	mm	1270 x 1270 x 200
Maximum processing dimensions	X x Y	mm	1270 x 1270
Rapid feed rate	X / Y / Z	m/min	40 / 40 / 60
Maximum material mass		kg	150
Machine mass		kg	4800

OSCILLATOR SPECIFICATIONS

Beam generation		Laser diode-pumped fibre laser
Maximum power	W	3000

CUTTING CAPACITIES

Mild steel	mm	12
Stainless steel		12
Aluminium		12
Brass		8
Copper		6

Specifications, appearance, and equipment are subject to change without notice by reason of improvement.



For your safe use
Be sure to read the user manual carefully before use.
When using this product, appropriate personal protection equipment must be used.



This laser product uses a class 4 invisible laser for processing and a class 3R visible laser for positioning.
Class 4 invisible laser: Avoid eye or skin exposure to direct or scattered radiation. Never look into the radiation nor touch it.
Class 3R visible laser: Avoid direct eye exposure.

The official model name of the machines and units described in this catalogue are non-hyphenated like BRE1212AJ. Use this registered model name when you contact the authorities for applying for installation, exporting, or financing.

The hyphenated spellings like BREVIS-1212AJ are used in some portions of the catalogue for sake of readability. This also applies to other machines.

Hazard prevention measures are removed in the photos used in this catalogue.

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