

MPX Series Laser Type

MP-Laser

Laser processing machine which fills your need

High Precision
Saving Energy
Saving Space



Customisable
Low price
Short lead time

Standard Optional Units

Fiber Laser

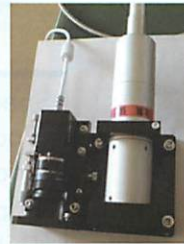
CW Laser /
Pulse Laser



Scanner Head



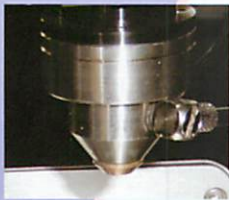
Short Focus Head



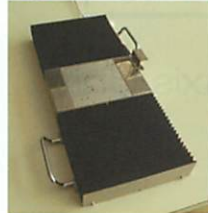
Long Focus Head



Coaxial Gas Nozzle



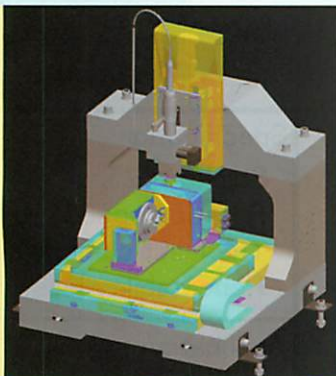
High-speed
Single Axis Unit



Turning Table Unit

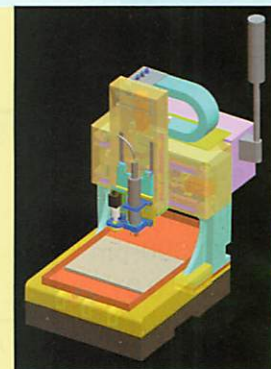


Trunnion Unit



Desktop Higher Precision
& Rigidity Model

or



Desktop Low Price Model

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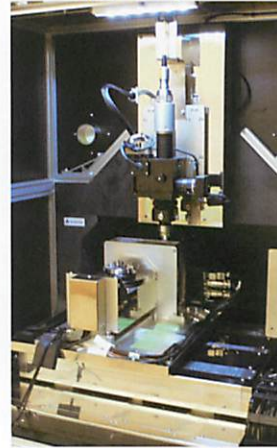
Your own MP-Laser can be customised by combining selectabe 2 models of base machine and standard optional units.

Low Price Model



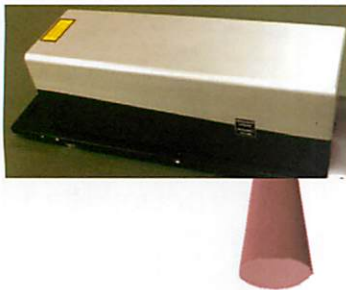
Stroke X:200 Y:200 Z:110mm
Feed rate (MAX) XYZ:12m/min
Repeatability ±0.002mm
Motor AC servomotor
Dimension W:480 D:725 H:820mm

Higher Precision & Rigidity Model



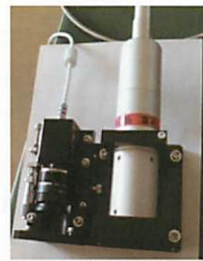
Stroke X:140 Y:200 Z:100mm
Feed rate (MAX) XY:60 Z:12m/min
Repeatability less than ±0.001mm
Motor Linear motor (XY)
Dimension W:700 D:650 H:880mm
XY axis scale feedback system

Scanner Head



Specification Working area XY:120 Z:8.8mm Scanning speed 12m/s Pulse laser with parallel camera unit
Application Removal processing Marking (3D)

Short Focus Head



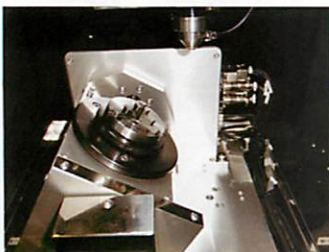
Specification Focal length 30mm Spot diameter 9 μm Focal depth 91.6 μm Pulse laser with parallel camera unit
Application Removal processing

Long Focus Head



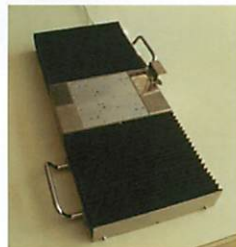
Specification Focal length 60mm Spot diameter 15 μm Focal depth 300 μm QCW fiber laser with coaxial camera unit
Application welding • cutting

Trunnion Unit



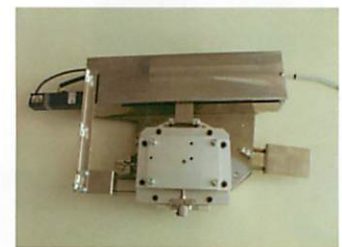
Specification Stroke inclining : -5~120° turning : Unlimited Rotation speed (MAX) 300rpm The least command unit 0.01° Repeatability less than 0.01°
Application Indexing • Simultaneous 5 axis machining

High-speed Single Axis Unit



Specification Stroke 300mm Feed rate (MAX) 180m/min The least command unit 0.1 μm Repeatability ±0.001mm
Application High speed machining

Head Inclining Unit



Specification Stroke ±25° Rotation speed (MAX) 8rpm (50° /s) The least command unit 0.01° Repeatability less than 0.01°
Application Indexing 4 axis machining