

~One Machine, "Infinite" Possibilities~

ALL PROFILE COASTER

HID-250BC



MARUHIDE KOKI CO., LTD.

Manufacture and Distribution of
PIPE COASTER (Pipe Profile Cutting Machine)

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 **MARUHIDE**

Model:HID-250BC

ALL PROFILE COASTER

The best partner for processing all profiles!!

High speed,excellent quality, superior rigidity and very user friendly profile cutting machine.

The ALL PROFILE COASTER is equipped with Automatic double chucking system and provides the best cutting performance according to the type and size of the steel material.

Let your ideas take shape with "ALL PROFILE COASTER" !

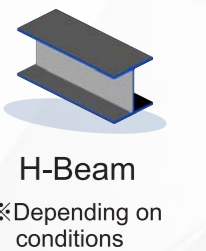
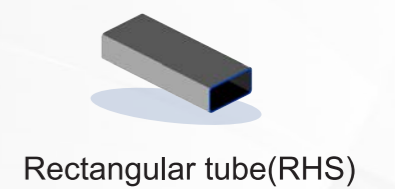
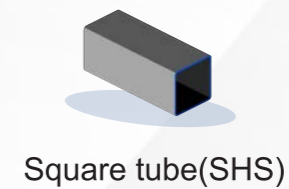
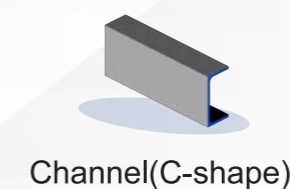
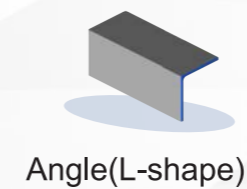
Software

Interactive cutting software (ALL PROFILE STUDIO)	Standard
ALL PROFILE STUDIO for PC	Standard
Nesting software	Standard
Data conversion software for DXF	Option
Data conversion software for TEKLA (Round pipe and Square tube)	Option
Data conversion software for CVC	Option

Mechanical Specifications

Material length	300mm~6000mm
Material widths	50×50~250×250mm
Maximum product length	Up to 2000mm
Maximum loading material weight	300kg ※Depending on conditions
Interactive operation panel	Standard
Remote control panel	Standard
Laser sensing system	Standard
Plasma cutting machine	Standard
Bevel system	Option
Automatic loading-unloading system	Option
Fume collector	Option

Profiles you can process

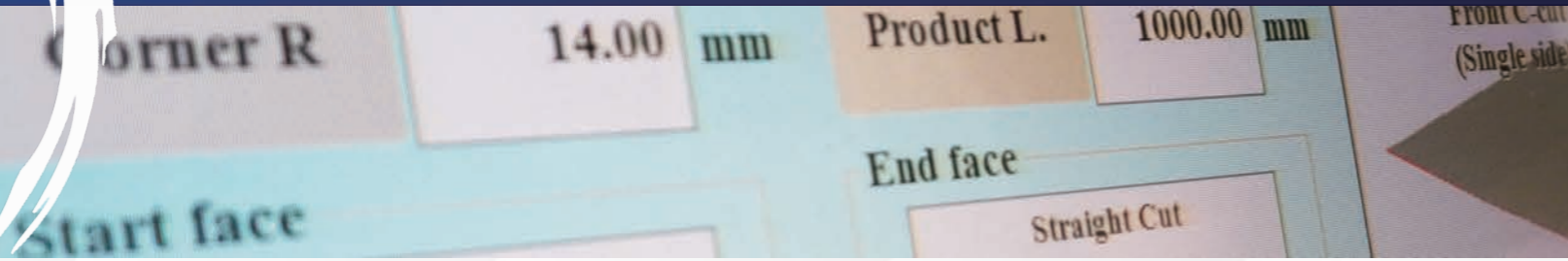


Check the video ▶





Very user friendly!



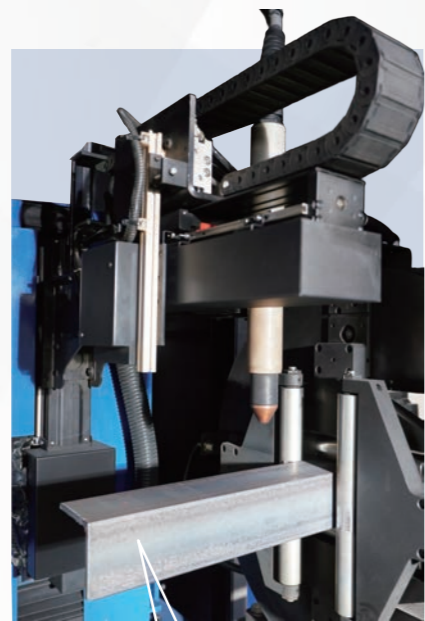
Control panel & Remote controller



User friendly interface and ease of operation

Touch panel with excellent visibility!! Input data, confirm 3D drawing, and manage work processes on one screen. Inputting data is interactive and easy to learn so anyone can use the system!! Remote control panel is designed for operation from any location providing you both with convenience and user-friendliness!!

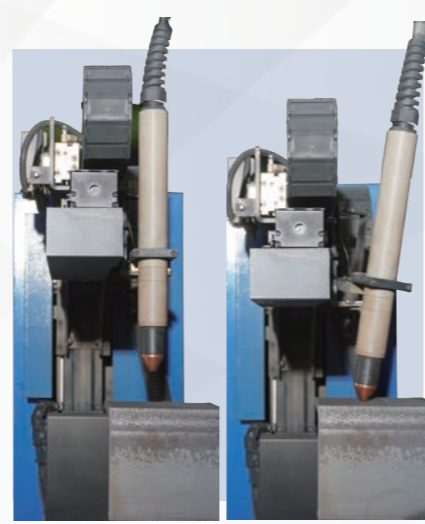
Laser sensing system



Excellent cutting accuracy

Prior to cutting, the laser sensor verifies the height of the steel material, ensuring proper distance between the torch and the material during cutting. Furthermore, the edge detection feature enables highly accurate positioning in both longitudinal(X)and depth(Y) directions.

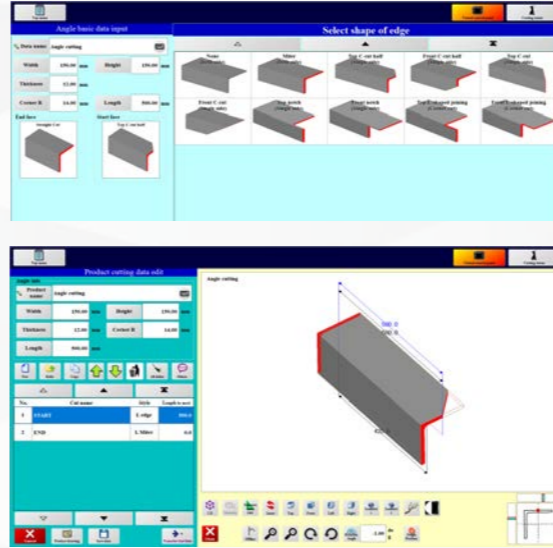
Auto break away torch system



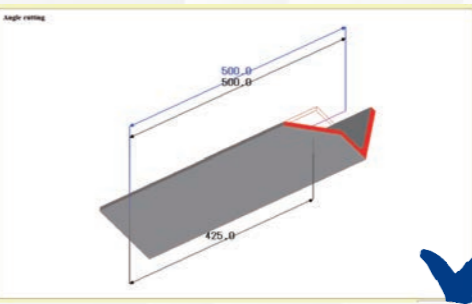
Maintenance free!!

If the torch accidentally contacts the material, it separates from the main body (breakaway function), automatically stopping machine operations to prevent torch damage. Torch restoration is achieved with a simple one-touch operation.

Software (ALL PROFILE STUDIO)

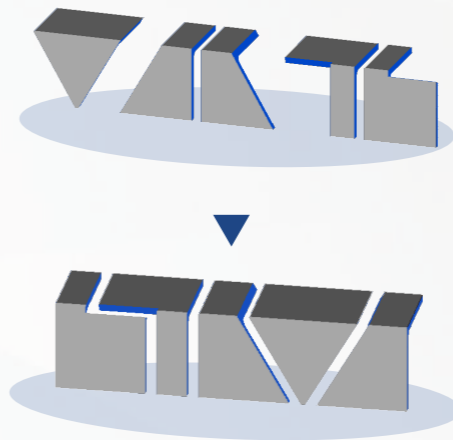


All software is developed in-house. Cut-Drawings can be checked in 3D visualization. A wide variety of cutting templates, stored locally, are available to the user, allowing anyone to create cut data without specialized knowledge.



User-friendly!

Nesting function



Nesting function automatically rearranges cutting data in the proper position so that you can save materials. This function is available for Angles(L-shape), Channels(C-shape), square tubes, rectangular tubes, round pipes and H-Beams.

Common Line Cutting



Common Line Cutting saves material and reduces cutting time.

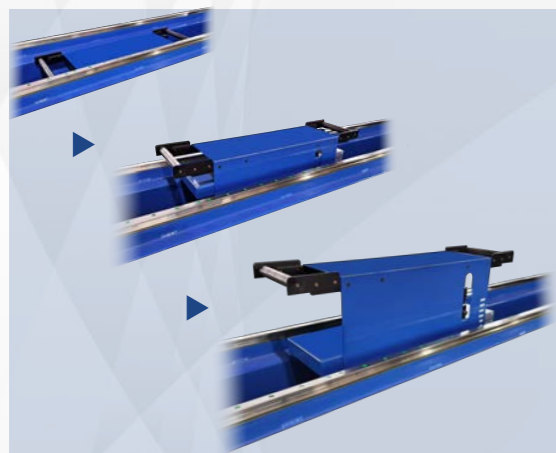
Compensation function for plasma taper

This function corrects the taper on the cut surface that occurs during plasma cutting, enhancing the quality of the cut surface and ensuring precise cutting.

One Machine, "Infinite" Possibilities



Loading table



After the table is raised by system switch, the height adjustment to set target size is done manually. This operation can be motorized (automated) as an optional function.

Unloading table



The products and cut-off scraps are automatically sorted during the cutting process.

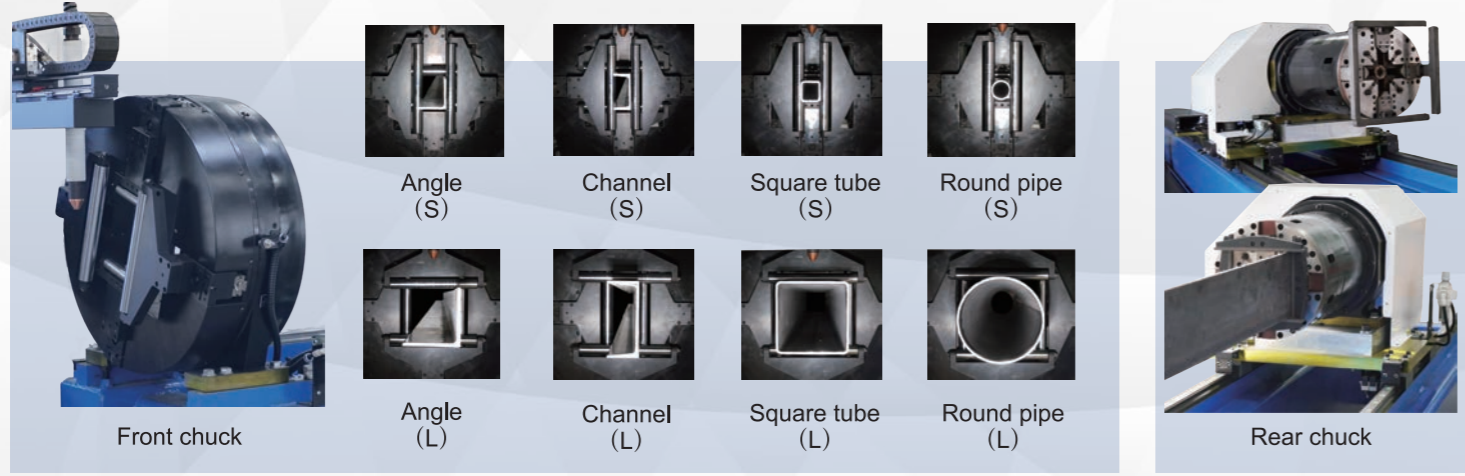
It is also possible to configure the finished products to be automatically ejected.

Cutting shapes

Master craftsmanship. Ultimate cutting performance!!



Double chucking system (Rear chuck and Front chuck)



The material is secured using a double chucking system. The rear chuck features a material feeding function, while the front chuck provides material centering near the cutting area. This system enhances the quality of our cutting process.

Featuring a 4-jaw air chuck with automatic self-centering tightening, it accommodates a wide range of steel materials, from large to small. No manual tightening operations are necessary.