CUT. ENGRAVE. CREATE.

Plotbot CO_2

Plus / Pro / Max

From a studio workbench to full-sheet production.
Three formats for cutting, engraving and your next idea.

MAKE IN INDIA

Built in Chennai.

In-house machine control, Plotbot software and support.



Plotbot Plus

Gifts & prototypes

40 W CO_2 / 2 × 1.5 ft

Studios, crafts & colleges

Plotbot Pro

Signs & batch work

130 W CO_2 / 4 × 3 ft

Growing workshops

Plotbot Max

Full-sheet layouts

130 W CO_2 / 8 × 4 ft

Larger production jobs

01 / DESKTOP WORKING AREA

Plotbot Plus

Small format. Room for ideas.

For personalised gifts, craft studios and education. Cut shapes, engrave detail and build prototypes in a compact workbench format.



40 W
CO_2 LASER TUBE

2 × 1.5 ft
WORKING AREA

Request a quote
Confirm your configuration

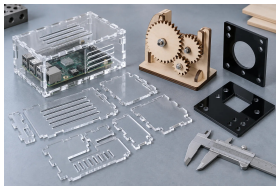
TECHNICAL PROFILE

Working area	**610 × 458 mm**
Laser technology	**Sealed CO_2 / 10.6 µm**
Power adjustment	**0–100%, set in software**
Engraving speed*	**0–300 mm/s**
Cutting speed*	**0–15 mm/s**
Acrylic cutting*	**Up to 6 mm**
MDF cutting*	**Up to 5 mm**
Cooling	**Water cooling**
Software	**Plotbot / Windows**
File formats	**BMP, JPEG, PNG, TIF, SVG, DXF**
Bed adjustment**	**Height-adjustable bed**
Published supply**	**220 / 110 V AC, 50/60 Hz**


Gifts & keepsakes


Photo engraving


Albums & frames


Prototypes & parts

02 / 1300 × 920 MM WORKING AREA

Plotbot Pro

More space for your next batch.

For sign makers, gift studios and growing workshops. A 130 W CO_2 tube and larger bed support signage, detailed engraving and nested sets of parts.



130 W
CO_2 LASER TUBE

4 × 3 ft
WORKING AREA

Request a quote
Confirm your configuration

TECHNICAL PROFILE

Working area	**1300 × 920 mm**
Laser technology	**Sealed CO_2 / 10.6 µm**
Power adjustment	**0–100%, set in software**
Engraving speed*	**0–500 mm/s**
Cutting speed*	**0–30 mm/s**
Acrylic cutting*	**Up to 13 mm**
MDF cutting*	**Up to 8 mm**
Cooling	**Water cooling**
Software	**Plotbot / Windows**
File formats	**BMP, JPEG, PNG, TIF, SVG, DXF**
Connectivity	**Wi-Fi / Bluetooth control**
Published supply**	**220 / 110 V AC, 50/60 Hz**



Signs & nameplates



Display lettering



Illuminated acrylic



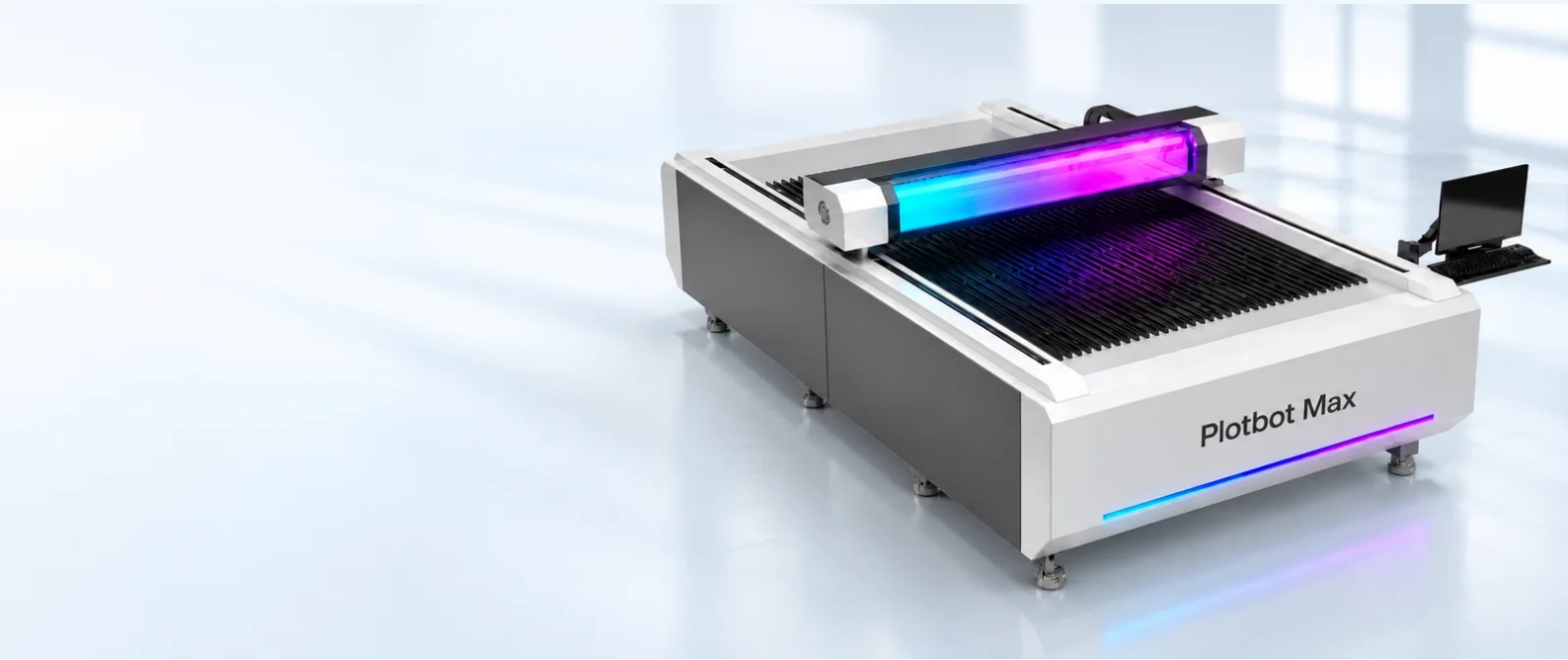
Custom gift products

03 / 2440 × 1220 MM WORKING AREA

Plotbot Max

Think in full sheets.

For full-sheet signage, interior panels and larger batches. The 8 × 4 ft bed accommodates sheet layouts in acrylic, MDF and plywood.



130 W
CO_2 LASER TUBE

8 × 4 ft
WORKING AREA

Request a quote
Confirm your configuration

TECHNICAL PROFILE

Working area	**2440 × 1220 mm**
Laser technology	**Sealed CO_2 / 10.6 µm**
Power adjustment	**0–100%, set in software**
Engraving speed*	**0–500 mm/s**
Cutting speed*	**0–30 mm/s**
Acrylic cutting*	**Up to 13 mm**
MDF cutting*	**Up to 8 mm**
Cooling	**Water cooling**
Software	**Plotbot / Windows**
File formats	**BMP, JPEG, PNG, TIF, SVG, DXF**
Connectivity	**Wi-Fi / Bluetooth control**
Published supply**	**220 / 110 V AC, 50/60 Hz**



Wall art & lettering



Models & assembly kits



Engraved portraits

MADE FOR THE MACHINE

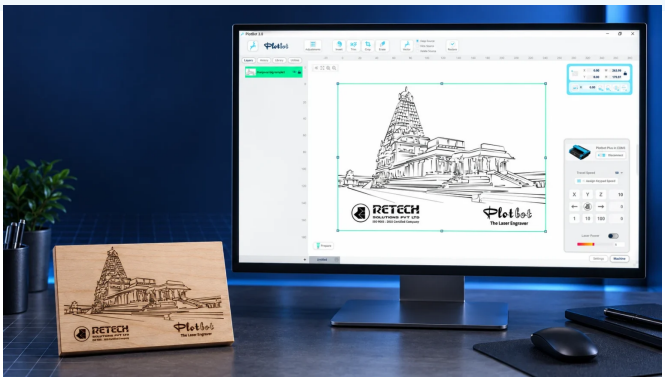
Your design.
Your Plotbot.

MADE FOR PLOTBOT

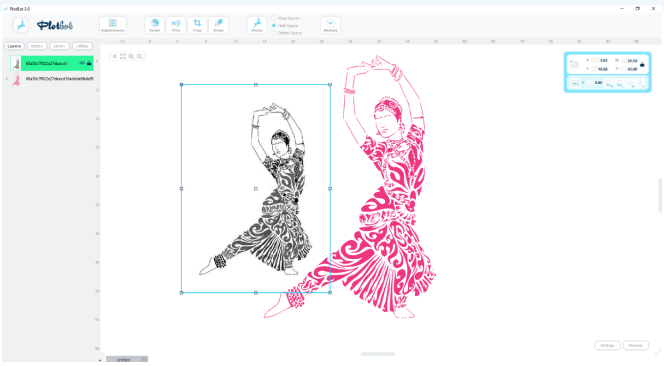
In-house control

Designed in Chennai

Retech's in-house control system and Plotbot software are built to work together for cutting and engraving.



Plotbot software illustration



Earlier Plotbot software interface

Raster engraving

Use image files for photographs, textures, text and surface detail.

Vector cutting

Use SVG or DXF paths for profiles, slots, repeated parts and outlines.

01 / IMPORT

Bring in your artwork

Open PNG, JPG, BMP, TIF, SVG or DXF files in Plotbot for Windows.

02 / PREVIEW

Set up the job

Choose material settings, set speed and laser power, then review the job.

03 / CREATE

Run on your Plotbot

Send the prepared job to your machine for cutting or engraving.

MATERIALS & APPLICATIONS

Acrylic, MDF, wood, plywood, paper, card, leather and suitable fabrics support gifts, signs, models, stencils, packaging prototypes and décor. Granite and glass applications are surface engraving.

Start with your material sample.

Try your own material and artwork before choosing your configuration.

SUPPORT FROM RETECH

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Service +91 74488 00119

Software assistance
plotbot.retech@gmail.com

THREE FORMATS. ONE CREATIVE WORKFLOW.

Find your fit.

Start with your sheet size, material and daily workload.

MODEL	PLUS	PRO	MAX
CO_2 laser power	40 W	130 W	130 W
Working area	2 × 1.5 ft	1300 × 920 mm	2440 × 1220 mm
Nominal format	Desktop	4 × 3 ft	8 × 4 ft
Acrylic cutting*	Up to 6 mm	Up to 13 mm	Up to 13 mm
MDF cutting*	Up to 5 mm	Up to 8 mm	Up to 8 mm
Engraving speed*	Up to 300 mm/s	Up to 500 mm/s	Up to 500 mm/s
Cutting speed*	Up to 15 mm/s	Up to 30 mm/s	Up to 30 mm/s
Cooling	Water	Water	Water
Control software	Plotbot / Windows	Plotbot / Windows	Plotbot / Windows

*Published cutting limits and speed settings depend on material grade, thickness, optics and job settings; confirm with a sample cut. Renderings and application images are illustrative; supplied configuration may vary. **Confirm electrical/site requirements, accessories, warranty and final terms in your quotation. Granite and glass are surface engraved, not cut. Software visuals may show earlier editions.

CONFIGURATION & QUOTATION

Plotbot Plus

Request a quote

Confirm your configuration

Plotbot Pro

Request a quote

Confirm your configuration

Plotbot Max

Request a quote

Confirm your configuration

Let’s cut your sample.

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