

SELECTION GUIDE

Choose for the job.

Floor-type workstation

Fyxfer
Floor-Type Laser Marker

FY-LMM01



01

Choose a floor workstation

A dedicated cabinet layout suits a fixed marking station with repeat jobs.

02

Test the material

Approve a sample on the exact material, coating and color.

03

Define the mark

Share mark size, detail, position and the required cycle time.

MODEL TIP

Choose the laser source and field for the material; the cabinet format does not determine marking capability.

USEFUL DETAILS FOR YOUR NEXT CHECK

Material + part photo + mark size

| INSTALLATION CHECK

Prepare before arrival.

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01

Plan working access

Allow room for the cabinet, operator, part loading and the fitted PC arrangement.

02

Utilities & extraction

Confirm the supplied power and cooling requirements; plan suitable fume extraction.

03

Laser protection

Have qualified personnel validate guarding and safety controls before commissioning.

MODEL TIP

Check the final workstation layout with the largest intended part before installation.

USEFUL DETAILS FOR YOUR NEXT CHECK

Available floor space + part loading method

Make each run repeatable.

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01

Locate the part consistently

Use a suitable fixture on the worktable and confirm the working distance.

02

Load the approved job

Check artwork, variable data and the material recipe before the first piece.

03

Run safely & inspect

Use approved laser safeguards and extraction; check the first mark before the batch.

MODEL TIP

Approve the first piece again when the fixture or part height changes.

USEFUL DETAILS FOR YOUR NEXT CHECK

Photo of the accepted first piece

MAINTENANCE TIPS

Keep the essentials ready.

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01

Keep the fixture clean

Clean locating faces and check that the height setting and supports remain secure.

02

Protect the optics

With energy isolated, inspect accessible optics as instructed and use approved cleaning materials.

03

Check airflow

Keep ventilation clear and service extraction filters according to their instructions.

MODEL TIP

Record the last accepted setup so a later mark change is easier to trace.

USEFUL DETAILS FOR YOUR NEXT CHECK

Working hours + maintenance history

| TROUBLESHOOTING

Find the cause first.

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01

Mark position changes

Check fixture seating and the height adjustment before changing the artwork.

02

Weak or patchy mark

Check focus, accessible optics and the recipe for the actual material.

03

Alarm or no marking

Record the fault and check normal ready status. Never bypass safety controls.

MODEL TIP

Compare the suspect part with the saved sample using the same recipe.

USEFUL DETAILS FOR YOUR NEXT CHECK

Mark photo + recipe + fixture photo

| APPLICATION TIPS

Get more from the setup.

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01

Improve part loading

Trial a locating stop or multi-part fixture if it fits the approved work envelope.

02

Time the complete cycle

Include loading, positioning, marking and checking, not just laser time.

03

Keep a reference sample

Compare results after a material, fixture, lens or recipe change.

MODEL TIP

A fixture can save positioning time; verify every position before running a full batch.

USEFUL DETAILS FOR YOUR NEXT CHECK

Current loading time + batch size