

SELECTION GUIDE

Choose for the job.

Foldable desktop marker

Fyxfer

FY-LMM07

Foldable Laser Marker

An integrated desktop workstation



01

Check deployed & stored space

Compare the operating footprint, storage arrangement and the intended moving frequency.

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

Compact storage is useful only when the deployed machine still fits your part and safety arrangement.

USEFUL DETAILS FOR YOUR NEXT CHECK

Operating bench + storage space

| INSTALLATION CHECK

Prepare before arrival.

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01

Secure the working position

Follow the folding and setup procedure, then check locks, cables and worktable access.

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

Power down before repositioning or folding as instructed; prevent pinched or stretched cables.

USEFUL DETAILS FOR YOUR NEXT CHECK

Deployed layout + cable route

| OPERATION GUIDE

Make each run repeatable.

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01

Recheck after unfolding

Verify mechanical position, focus and the first-piece mark before restarting production.

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

Treat unfolding or transport as a setup change that requires first-piece approval.

USEFUL DETAILS FOR YOUR NEXT CHECK

First mark after unfolding

| MAINTENANCE TIPS

Keep the essentials ready.

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01

Inspect folding connections

Check locks, pivot areas and cable routing according to the supplied instructions.

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

Do not use the laser head or foldable column as a lifting handle.

USEFUL DETAILS FOR YOUR NEXT CHECK

Pivot and lock condition

TROUBLESHOOTING

Find the cause first.

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01

Offset after folding

Check that the structure is fully deployed and secured, then verify focus and placement.

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

If alignment does not return after correct setup, arrange inspection instead of compensating with repeated offsets.

USEFUL DETAILS FOR YOUR NEXT CHECK

Before / after placement photos

APPLICATION TIPS

Get more from the setup.

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01

Save a setup reference

Keep a photo of the working configuration and an accepted sample with each job.

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

Time the setup and first-piece check when comparing frequent changeovers or relocation.

USEFUL DETAILS FOR YOUR NEXT CHECK

Frequency of relocation or changeover