

VersaOBJECT
MO-180

 Roland

3 Reasons to Choose the VersaOBJECT MO-180 Over the Competition

This guide compares the MO-180 with other printers, including the LEF2-200, to showcase why it's the best choice for your printing needs.



1 More Production

Compared to similar devices, the MO Series delivers superior print quality with fewer passes, thanks to next-gen printheads and the print management of Versaworks 7.

Almost 41% Faster White + CMYK in Standard mode than the competition. Even when comparing our High Quality mode to their Standard mode, the MO-180 maintains a 12.6% speed advantage.

Against the LEF2-200, which prints at just 0.72 m²/h, the MO-180 is an impressive 101% faster, more than twice as fast, delivering unmatched productivity and performance.

Almost 38% Faster CMYK in Standard Mode. In production mode, the MO-180 can print at a speed of 3.76 m²/h in double CMYK, which is 132% faster than the competition in their high speed or even 51.61% compared to their Draft mode.

Over 9% More Print Area - The MO-180 has a maximum printing area of 458 × 305 mm, offering more space than the 300 × 420 mm available on the competition.

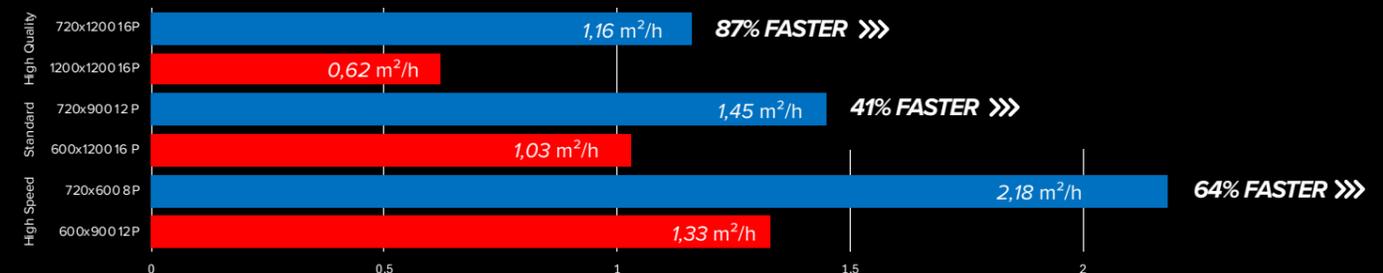
This larger area allows for more flexibility and efficiency in handling larger print jobs or multiple smaller items in a single run.

Powerful Software - VersaWorks 7, available for Windows and macOS, outperforms competitors by offering unmatched flexibility, at no extra cost.

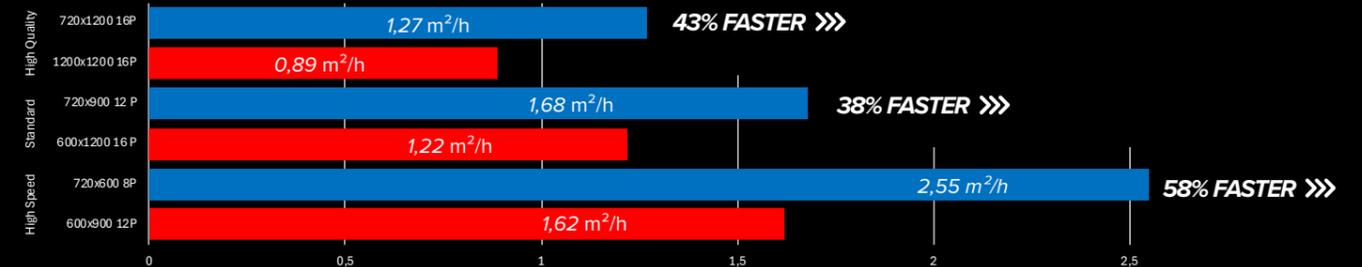
For greater efficiency, **Roland DG Connect** provides advanced paid modules like PrintAutoMate, streamlining operations and boosting profitability.



PRINT SPEED COMPARISON CMYK + WHITE SIMULTANEOUS PRINTING



PRINT SPEED COMPARISON CMYK



MO-180 COMPETITION

2 More Versatility

With an ever-evolving economy and changing customer needs, business owners need a flexible system that can adapt with them. The MO Series provides the flexibility to enhance current abilities and try new things in ways that comparable devices can't come close to.

Over 33% More Print Height - The MO-180 can accommodate objects up to 204 mm in height, 51 mm more than the competition's 153 mm limit.

One Ink for All - Unlike competitors requiring different ink formulation for various applications, Roland DG's EUV5 ink prints seamlessly on diverse surfaces. Its unmatched versatility ensures superior quality, simplifies purchasing and expands business potential.

Built-in Vacuum Table - Unlike competitors that offer it as an add-on, the MO-180 includes a built-in vacuum table, ensuring secure handling of semi-rigid materials for precise, consistent results and enhanced efficiency.

20% Wider Colour Gamut - Competitors offer limited ink options, but the MO-180 includes Red and Orange inks, expanding the colour gamut for greater print flexibility.

EUV5 Primer Ink - Faster, More Reliable, Maintenance-Free. Unlike competitor primers that clog nozzles and need frequent upkeep, EUV5 Primer delivers fast, high-adhesion prints in under a minute, with no special maintenance. Plus, it prints alongside colour, maximizing efficiency and productivity.

Live Mobile Monitoring - The MO-180 includes Roland DG Connect, a dedicated real-time app, letting users monitor production and maintenance from anywhere.



20% Wider Colour Gamut.
The MO-180's Red and Orange inks expand possibilities, delivering unmatched print vibrancy and flexibility.

3 More User Friendly

Efficiency isn't just about print speed—the MO-180 streamlines every stage of production for a faster, hassle-free workflow, outperforming similar devices.

Precision material height sensor - The MO-180's advanced sensor accurately detects any material, regardless of its shape or transparency. In contrast, competitors relies on sensors which may fail to detect certain objects. This prevents head collisions and ensures consistently high print quality.

More Intuitive UI - A colour LCD touchscreen enables quick media setup with 50 pre-sets, streamlining workflow for effortless operation.

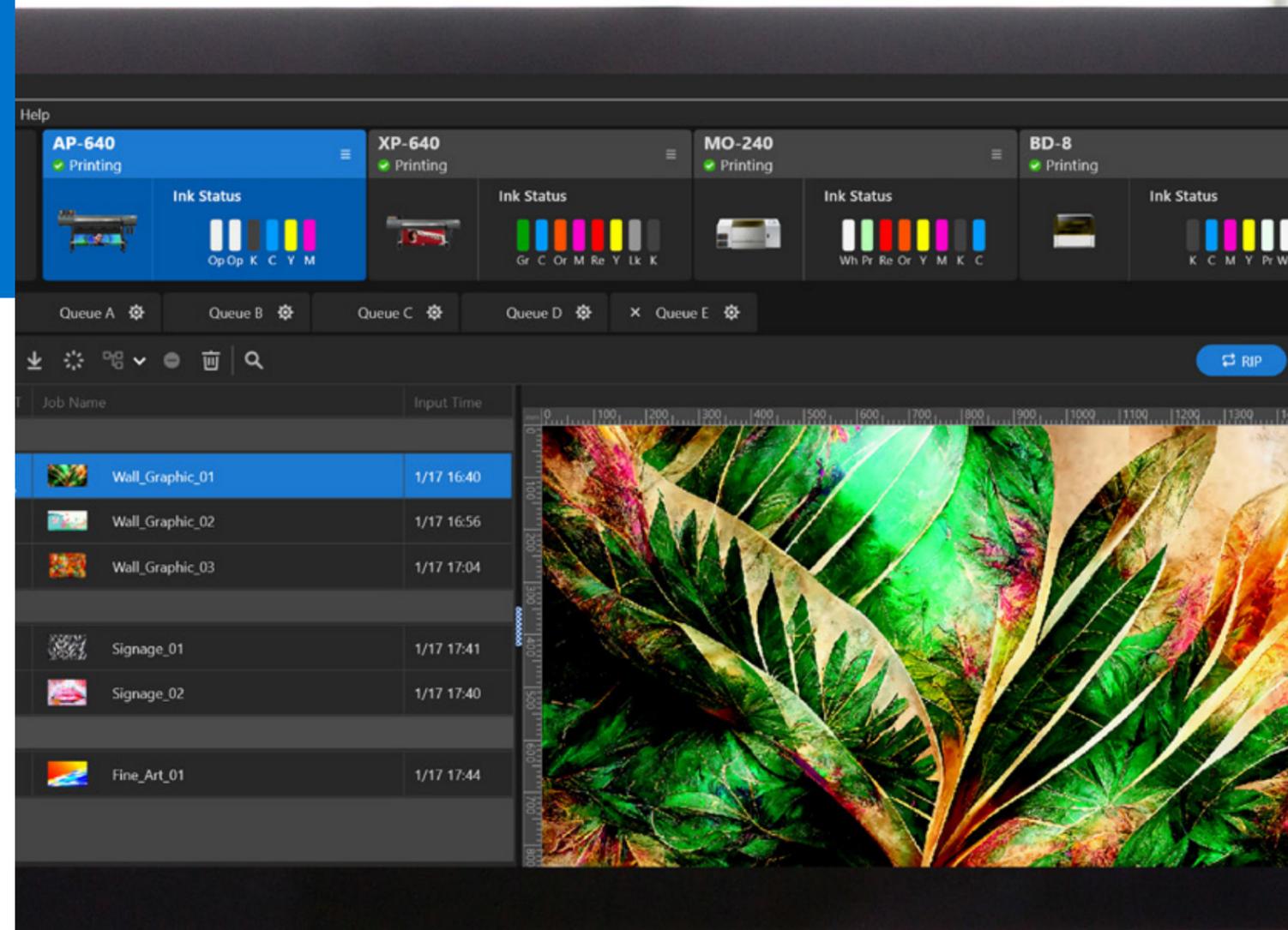
Better visibility - An internal light provides clear visibility for precise quality control. Competition has no such features, increasing the potential for wastage due to misprints.

Versaworks 7 - A sleek black-and-white interface enhances readability and focus, with simplified navigation that minimizes errors and boosts productivity.

Cheaper Running Costs - The MO-180 is the second model in the MO Series, incorporating all the enhancements introduced in the MO-240 to reduce maintenance costs while ensuring seamless operation.

Low-maintenance LED Lamps - Unlike competitors requiring antifreeze liquid for UV lamp cooling, the MO Series uses powerful, zero-maintenance LED lamps for hassle-free performance.

Cleaner and More Convenient - The MO-180 features high-capacity ink pouches and an advanced ink circulation system, ensuring a cleaner and more efficient ink-handling process. This innovative design eliminates mess and makes ink replacement effortless—no need for gloves when changing ink.



Available for Windows and macOS, VersaWorks 7 outperforms competitors with unmatched flexibility at no extra cost.

MO-180 vs. Competition: Superior Specs at a Glance

The VersaOBJECT MO-180 outperforms the competition with faster speeds, superior print quality, lower running costs, and unmatched versatility, making it the ultimate choice for businesses seeking efficiency and reliability.

	 MO-180	 Competition	 LEF2-200
2 x CMYK Production Mode Max.Speed	3.76 m ² /h	-	-
Production Mode Max. Speed	3.43m ² /h	2.89m ² /h	2.08 m ² /h
CMYK Only Standard Speed	1.68 m ² /h	1.22m ² /h	1.37 m ² /h
White + CMYK Standard Speed	1.45m ² /h	1.12m ² /h	0.72 m ² /h
Max. Print Area	458 × 305 × 204mm	300 × 420 × 153mm	508 × 330 × 100mm
RIP Included	VersaWorks 7	Yes	VersaWorks 6
RIP software compatibility	Windows macOS	Windows	Windows
Max Media Weight	8 kg	5 kg	5 kg
Max. Print Height	204 mm	153mm	100 mm
Multi-purpose Ink Formulation	EUV5 Ink	Different types of inks	EUV Ink
Ink Colours	CMYK + White, Gloss, Primer, Orange, Red	CMYK + White, Gloss, Primer	CMYK + White, Gloss, Primer
Operating Noise (Stand-by Noise)	55 dB (45 dB)	65 dB (55 dB)	60 dB (49 dB)
Display Panel	7-inch Colour Touch Panel	3.5-inch LCD Colour Panel	5-inch LCD Colour Panel
Power Consumption	150W	600W	150 W
Internal Light	Yes	No	Yes
Rotary Axis	Optional	Optional	Optional
Ionizer Bar	Optional	Optional	No
Vacuum Table Support	Yes	Optional	Optional

Disclaimer: This guide highlights the key features and benefits of our machine based on publicly available information and Roland DG's internal analyses at the time of publication. While we strive for accuracy, specifications and performance data may change. This document is for informational purposes only.