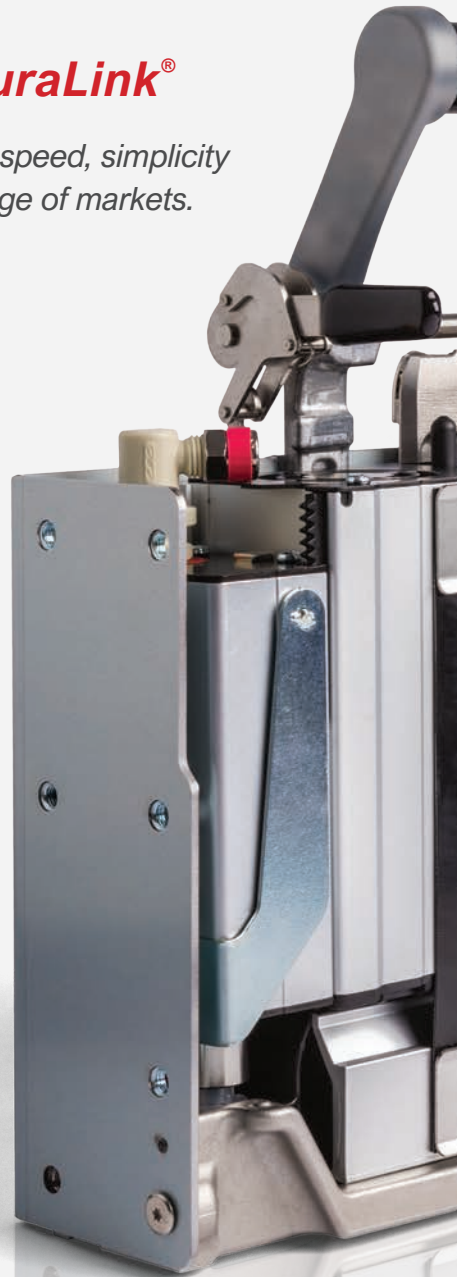# Expanding With DuraLink®

Bringing Memjet's unmatched speed, simplicity & affordability to a broader range of markets.

DURALINK®

Component or Feature	Specifications	
DuraLink Printhead	• 222.8 mm (8.77 in) Print Width • Single Color Printhead with 5x Redundancy	• 70,400 Nozzles • User Replaceable
DuraLink Inks	• Aqueous Pigment Inks • CMYK + OGV (additional inks upon request)	• Compatible with bond, uncoated offset, inkjet treated/primed, and inkjet coated media.
Data Pipeline	• Custom FPGA and Cirmware Providing Dot-for-Dot Control of Print Streams From RIP to Printhead	
DuraLink Software	• Print Engine Supervisor Software **Reference Design Software, available from Memjet:** • Graphical User Interface (GUI)	• Job Submission Library for Use with OEM-Supplied RIP • Printer Control System • Memjet Vision System/Vision Control Interface

DuraLink Modules and Consumables

Modules		Consumables	
• Printhead Module	• Aerosol Management Module	• Printheads	• Aerosol Filter
• Maintenance Module	• Print Engine Supervisor Module	• Inks	• Ink Supply Module Filters
• Ink Supply Module	• Print Bar Interface Module	• Printhead Wiper Cartridge	• Cap
• Waste Ink Management Module	• Dongle Dock Module	• Aerosol Nozzle	

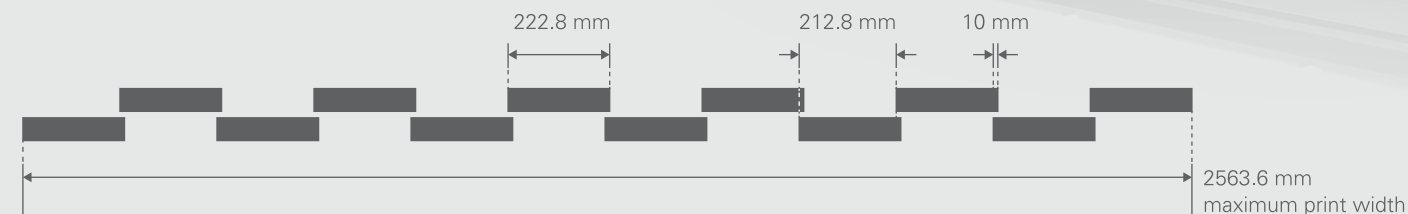| **Support**	• Memjet Application Engineering • OEM Training and Documentation • Customer Service Partner Portal	• Business Development • Marketing
Print Resolution and Speed	• Up to 1600 x 1585 dpi • Up to 203 m/min (668 ft/min)	
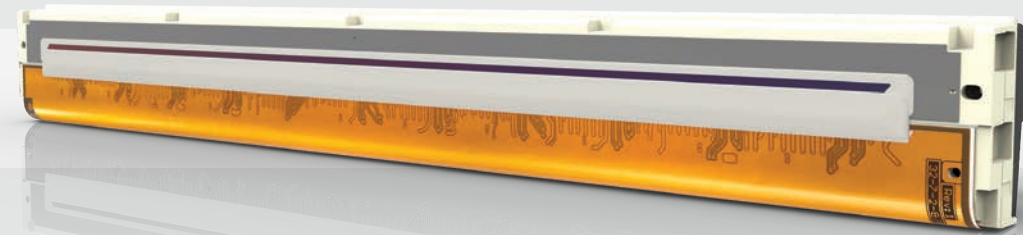
Print Bar Configurations

222.8 mm   212.8 mm   10 mm

2563.6 mm maximum print width

DURALINK®

memjet®

Beautiful Precision, Simplicity, and Affordability.

MEMJET® GIVES YOU ALL THE TOOLS TO GO BUILD GREAT

Powering New Markets, Applications and Opportunities

As Memjet's modular, high-volume, production technology platform, DuraLink provides unique value by delivering an unmatched combination of quality with a faster time to market
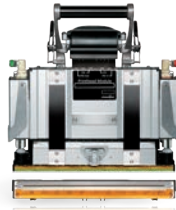
Printhead & Printhead Module

Each Printhead Module contains one printhead, furnishing interfaces to the rest of the press components. Accurate printhead placement and movement is provided by the printhead nest.
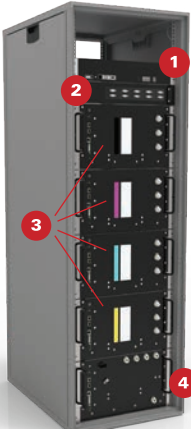

Maintenance Module

The Maintenance Module prepares a printhead for printing and caps it when not in use. It contains a cap, a wiper, and the movement mechanisms for printhead maintenance.

Print Bar Interface Module

The Print Bar Interface Module distributes timing signals to synchronize printing.

Technology Module Cabinet

1 - Print Engine Supervisor Module: One Print Engine Supervisor Module controls all modules across all print bars.

2 - Dongle Dock Module: This Dongle Dock Module provides an interface for the quality assurance system. The Quality Assurance system reads from dongles to determine if the printer has the correct color, volume, and OEM brand of ink needed to allow printing.

3 - Ink Supply Module: The Ink Supply Module draws ink from the bulk supply and feeds it to the Printhead Modules at controlled pressures. It also filters and degasses the ink, and provides sufficient storage to support replacing depleted bulk ink containers.

4 - Waste Ink Management Module: The WIMM provides controlled vacuum to support the action of the Maintenance Module in wiping the printhead, maintaining optimum print quality. It manages the small quantities of waste generated in maintenance operations.

The Benefits of DuraLink

DuraLink features a new longer life printhead, durable pigment ink, and impressively versatile modularity. Targeting a broader range of commercial, packaging and industrial printing markets, DuraLink provides the ultimate flexibility in building market-leading, high-productivity solutions.

Low Cost

• Low TCO for Remarkable Affordability
• Save on Development Costs by Sourcing all Modules from Memjet
• Faster Time to Market

Quality

• Durable Pigment Ink
• Near-Offset Print Quality
• Up to 1600 x 1585 dpi
• 5x Nozzle Redundancy

Speed

• Print Speeds Up to 203 m/min (668 ft/min)

Simplicity

• Flexible Modular System
• 2.5 m (100 in.) Max Print Width
• OEM's Choice of RIP
• Optimized Primers

OEM Support

We have created a proactive approach to customer relationships that goes beyond just support. By working closely with our partners, we anticipate and solve issues before they become problems. We help our partners use technology to their strategic advantage. Our customer success organization is comprised of customer-centric application engineers and product engineers. This dedicated team has expertise in all the disciplines required to create a state-of-the-art print system, including software, hardware, mechanical design and fluidics. Memjet also provides marketing support with press releases, blogs posts, social media and video case studies. We work closely with our partners to build joint integrated marketing campaigns that amplify their brand and showcase their solutions.
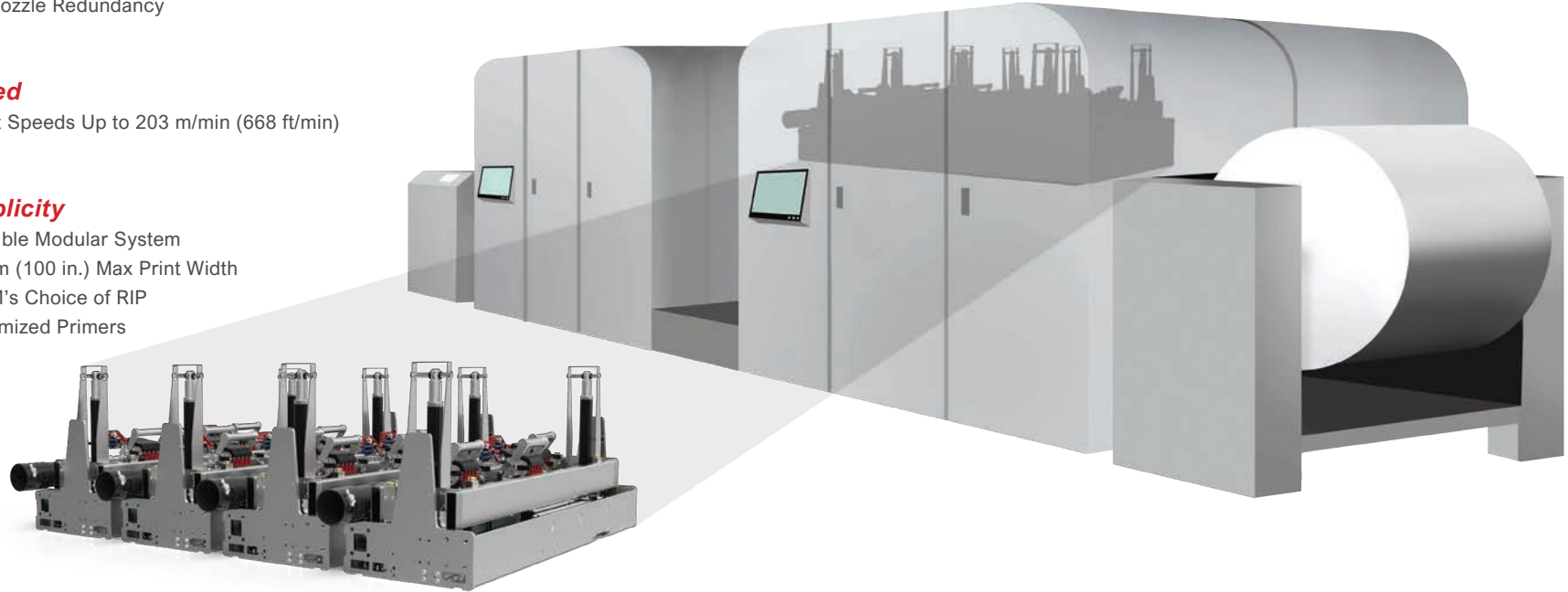
Above: An example of three printhead wide CMYK setup.

Commercial Print

For high-speed color printing at 1600 dpi with full variable data and near offset print quality, you can now print your commercial applications faster and more profitably than ever before.
- Transactional
- Transpromotional
- Direct Mail
- Publishing
- Marketing Materials

Packaging

Evolve your packaging to create a more personalized interaction between consumers and brands. Custom, full-color shortrun solutions from Memjet make it possible.
- Corrugated
- Folding Carton
- Flexible

Labels

Open doors into manufacturers with short-run color labels on demand. Memjet technology powers fast, high-quality color label systems spanning from desktop to narrow-web press applications.

Mailing & Addressing

Get results with edge-to-edge color envelopes and direct mail pieces. Memjet makes it easier to print on wider and thicker envelopes and direct mail media.