

Xerox® iGen® 5 and iGen4® 110 Presses with Thick Stock Capability

Added Flexibility for the Printing of Heavyweight Stocks

The Xerox® iGen Family with Thick Stock Capability is designed for customers who require high calliper media, such as 610 microns, as a stiff substrate for signs and folding cartons. If you're a commercial printer, you may wish to run thicker paper substrates for applications such as point-of-sale displays, gift cards, postcards, business cards, brochures and advertising pieces in addition to your other applications.

Grow your business and produce more jobs.

The primary attraction of a thicker stock is usually its rigidity coupled with its appearance. For some businesses, the Thick Stock Capability can be crucial for their applications.

Commercial and Trade printers, for example, often need to print on thick stocks to produce in-store point-of-sale materials like free-standing and framed displays, or tags that are hung on merchandise. Converters and Packaging printers, whose customers need thick stocks for signs, folding cartons or gaming pieces such as scratch-off or tabbed tickets, will also appreciate the greater latitude and strength of thicker stocks.

Even photo publishers can benefit. They can now offer stand-up photo applications and larger format wall-mounted pictures, which are printed on a heavy stock, as an alternative to the traditional framed picture. The Thick Stock enhancements enable iGen 5 and iGen4 presses to feed, image and stack media up to 610 microns using a Xerox® FreeFlow® Print Server or EFI™ digital front end. The standard iGen stock range is also supported.



More Stock Options to Delight Your Customers

Run the media you need for your applications.

The preferred stocks will vary by application but may be traditional commercial print media, only higher bulk, or packaging media like cartonboard. Simplex printing is supported for many 610 micron stocks, which are often in the range of 500 gsm, and duplex printing is supported for various stocks designed with print surfaces on both sides.

Recommended stock types (457–610 microns):

- Cover (C1S, C2S)
- Blanks (C1S)
- Solid Bleached Sulfate (SBS) paperboard

Simplex or Duplex Flexibility

There will generally be a little more flexibility in sheet size when printing in simplex mode than duplex. In practise, most of the applications for the thickest stocks are simplex and the stocks themselves are designed with only one print surface (C1S). Whether printing simplex or duplex, customers can choose whatever grain direction is needed for the application. We have tested and validated a number of popular stocks that are documented in the European Thick Stock Tested Media List.

Base Thick Stock Press Configuration

- Xerox® iGen® 5 120, iGen® 5 150 Press or iGen4® 110 Press Diamond Edition with Xerox® FreeFlow® Print Server or EFI™ Print Server
- Compatible with both four-colour presses and five-colour presses. Clear Dry Ink is not supported with Thick Stock media. (Clear Dry Ink can be used with standard media.)
- Minimum of one feeder (two recommended for load-while-run capability)
- One stacker
- Side Output Tray, the Multigraf Stacker (PST52 “short” version) or an inline finishing device that supports thick stocks
- Thick Stock enablement kit (includes enablement for two Upper Feed Trays that can feed thick stock)
- iGen4 must also include XXL paper option kit and XXL Feeder with A4 capability

Stock Thickness

Stock range up to 610 microns (approximately 60 gsm* to 530 gsm). (Minor operator adjustments are required to switch between standard weights and Thick Stock.)

Print Modes

Up to 457 microns (approx. 60 gsm* to 350 gsm)		
Sheet Size	Feed Tray	Plex Options
178 x 178 mm up to 364 x 521 mm	Lower	Simplex or Duplex
210 x 254 mm up to 364 x 660 mm	Upper	Simplex or Duplex

458–610 microns (351 gsm to max 530 gsm)		
Sheet Size	Feed Tray	Plex Options
279 x 419 mm up to 364 x 571 mm	Upper	Simplex or Duplex
279 x 419 mm up to 364 x 610 mm	Upper	Simplex only

*Uncoated stocks 60 gsm; Coated stocks 90 gsm. Stocks less than 350 gsm are subject to standard iGen media specifications as per the iGen Customer Expectations Document and Recommended Media List.

Output

- Multigraf Stacker or Side Output Tray is required for stacking media greater than 457 microns or 350 gsm.
 - Multigraf Stacker is recommended (requires DFA kit):
480 mm stack height (approximately 800 sheets of 610 micron stock)
 - Side Output Tray:
76 mm stack height (approximately 125 sheets of 610 micron stock)



Specifications subject to change without notice.

For more information on the Thick Stock Capability, contact your Xerox Representative or go to www.xerox.com/customisation.

