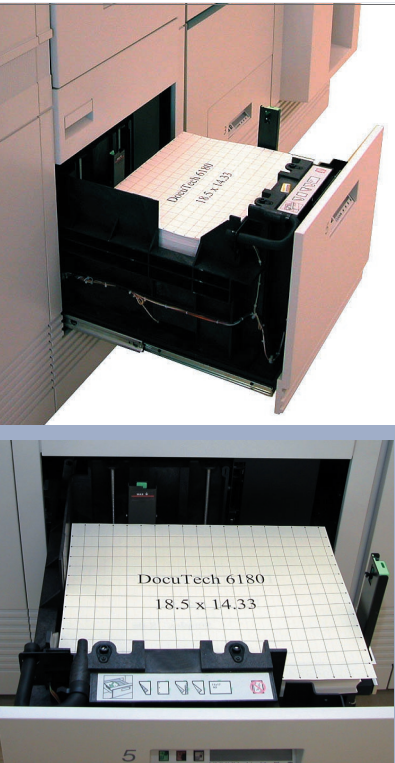




DocuTech 61XX PowerPlus Series Large Format Paper Capability



This capability, as part of the DocuTech 61XX PowerPlus Series, supports the widest print line of any high speed cut sheet printer.

For more flexible layout & imposition

Xerox Special Information Systems (XSIS) provides technical solutions for customers with applications that require additional capabilities to those provided by standard Xerox products. These printing solutions, which add advanced functionality while retaining all regular capabilities, may be designed for an individual customer or specific industry. Some examples follow of XSIS solutions used in both large and small Xerox customer sites for production printing and publishing.

- Integrity Assurance

Stock & Page Verification

Ensure correct stock is loaded
No missing or duplicate pages

DigiFinish Book Integrity

Verify proper cover is matched to book block

Check Production Integrity (EPS, NPS, IPS)

Track disposition of all paper stock; validate all intended pages are printed,

- Special Stock Sizes

Large Format Paper

Feed, image and stack documents up to 19.2"

Small Format Paper

Feed and image extra short cut sizes with lead edge down to 5-1/8", or elongated rectangular papers such as 8.5"x17"

- Additional Stocks

Lightweight Paper

Print duplex on papers down to 13# bond

Envelopes

Print digitally on closed face envelopes

- Operational Enhancements

Internal Dynamic Perforator

Perforate inside the DocuPrint B&W and highlight color printers

Combination Feeder Bypass

Add 4th high capacity tray while preserving inline finishing

3-Tray Interposer

Feed up to 6 different paper stocks

DocuTech EPS

Print LDCS and Metacode jobs on a DocuTech

- Document Factory Tools

PowerPlus Series

Increase production flexibility with expanded stock and finishing support

Hybrid Document Automation System

Print and assemble "hybrid" (color and B&W) variable information documents with full integrity

Invisible Control Marks

Print bar codes almost anywhere --- even over text

Xerox Enhanced Accounting Reporter

Consolidated reporting of job accounting data

- Security Enablers

Removable Hard Drive

Process classified and non-classified information on a shared system



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General Description

New print on demand options are now available to DocuTech 6100 through 6180 customers who need to print on paper larger than 11" x 17". Xerox Special Information Systems (X SIS) has enhanced the DocuTech 61XX products to print on sheets up to 14.3" x 18.5", in either simplex or duplex mode. The DocuTech PowerPlus Series with Large Format capability runs the full range of basis weights and stock sizes supported by the standard DocuTech models. (Stocks with a short edge greater than 12.5" should be pre-tested to ensure satisfactory results.)



Features

All DocuTech PowerPlus Series printers with Large Format Paper (LFP) capability are configured with an enhanced DocuSP controller, modified print engine with either the 2 Tray or 3 Tray Interposer, and a Bypass Transport Module. A Document Finishing Architecture (DFA) Level 1 output device is required for either stacking or post processing of the large format paper stocks. For short runs (up to 500 sheets) the stocks can be output to the top tray.



Benefits

While standard cut sizes are designed to meet the needs of most applications, there are times when only a larger size sheet will do. For instance, special dimensions may be required for compliance with de facto industry standards. In these cases, such as music publishing, the paper simply must be bigger than 11" x 17". An oversized sheet also permits more flexibility, such as printing a newsletter using a larger image area and then trimming the sheets for a full bleed effect.

In other cases, an extra big sheet is not strictly required but makes good economic sense. By enabling more cost-efficient imposition, it's possible to improve overall productivity, reduce maintenance charges, decrease paper wastage, or all three.

For customers who produce 6" x 9" or 7" x 9" books, printing them 4-up on oversize paper permits 8-page signatures for normal finishing and reduced cost. The larger size also makes it feasible to use one printer to create complete proposals, manuals and equipment guides, including variable information on the covers. These covers must be more than 17" wide to provide any spine at all on a perfect-bound 8.5" x 11" document.

No Compromises

X SIS has extended the capabilities of the DocuTech 6100, 6115, 6135, 6155 and 6180 Production Printing Systems, while retaining all of their other valued features. The paper path has been adapted to support larger format as well as standard paper sizes. The larger format applications do not adversely affect the standard capabilities of the printing system. DigiPath (release 3.0 or later) supports creation of images up to 18.5" wide and submission of jobs with these larger format pages.



The DocuTech PowerPlus Series can feed sheets up to a maximum of "14.3 x 18.5" with appropriate stocks.

Input

Large format stocks must be fed from the Interposer trays. Tray 5 of the 2 Tray Interposer or Trays 5 and 6 of the 3 Tray Interposer are utilized for feeding large format paper stocks. Tray 4 of either Interposer can be used to send pre-printed large format paper stocks, such as covers or inserts, directly to output.



Roll Input

Alternately, the Roll Systems DocuSheeter DT roll feed input device can input cut sheets through Tray 5 from a roll providing as much as 20% savings on cut sheet paper for the same quantity of stock, with minimal operator intervention.* For use with a booklet maker, the Roll Systems DocuSheeter DT provides continuous feeding of sheets up to 18.5" wide. If sheets are cut at 12.5", the feeder will supply approximately 44,000 sheets without reloading. This orientation is desirable for stitched signature 9" x 12" booklets, so the grain direction is parallel to the fold. Rolls pre-perforated by the converter will yield optimal folding.

To create 8-page signatures that will be gathered for a perfect-bound book, the DocuSheeter DT can be used to deliver the perfect size large format sheet. If the sheets are fed from a 14.3" wide roll and cut at 18.5", their grain direction will be parallel to the bind edge on 4-up, 6" x 9" books and the DocuSheeter DT will feed approximately 30,000 sheets. This orientation requires use of the (optional) Roll Systems sheet rotator to reposition the sheet for insertion into the paper path.

Finishing

For offline finishing, the standard high capacity C.P. Bourg DocuStacker is recommended for stacking large format paper stocks.

For inline finishing, a number of devices support paper that is wider than 17". For inline booklet making, one such DFA Level 1 compliant finishing device is the C.P. Bourg Document Finisher (BDFx) which can be utilized for automated large format booklet making.

For perfect binding applications, a special combination is available of two inline Bourg Perforate-Rotate-Fold (BPRF) units. The units together can process 4-up 6"x 9" press sheets (grain long) into 8-page signatures and stack them for later (off-line) perfect binding. Where grain direction is less critical, paper can be fed from an 18.5" wide roll and cut at 14" or less. Sheets are then sent to the dual BPRF units with attached BBF-2005 binder for a fully automated (inline) Book Factory.

* When roll feed is substituted for Tray 5, this tray is no longer available for cut sheet



Print Job Preparation

If imposition on Large Format sheets is required, customers may use FreeFlow they may license the Xerox imposition tool on the DocuSP controller or they can use a third party product.

Printer Module

- Xerographic Engine
- Simplex Print speeds from 96 to 180 pages per minute (depending on the complexity, format, size, type of document and print engine)
 - The LFP rated impressions-per-minute (ipm) print speeds are up to:

Paper Width (15.31–17.0")

6100	6115	6135	6155	6180
58 ipm	58 ipm	58 ipm	77 ipm	77 ipm
(max. standard size)				

Paper Width 17.0–18.5"

6100	6115	6135	6155	6180
58 ipm	58 ipm	58 ipm	77 ipm	77 ipm
(large format size)				

- Simplex or duplex printing
- 600 dpi output with special digital image enhancing technology
- Inline stitching/binding on 3rd party finishers
- 2 or 3 Tray Interposer (required for feeding large format stocks)

Throughput Materials

Standard and large format size stocks: 16 lb. bond to 110 lb. index
(Customer stocks with a short edge greater than 12.5" must be pre-tested)
System will print edge-to-edge up to 14.33" x 18.5" (0.25" clear zone around perimeter recommended)

Paper Input Capacity

(sheet capacity all at 20 lb. bond)

Tray 1 1,100 sheets; 8" x 10" to 9" x 14.33"

Tray 2 600 sheets; 8" x 10" to 9" x 14.33"

Tray 3 2,600 sheets of up to 14.33" x 17"
- optional large format (18" max) for Tray 3

Paper Input Capacity - Interposer

Tray 4 550 sheets, non-imageable, of up to 14.33" x 18.5"

2 Tray Interposer:

Tray 5 2,600 sheets, imageable or non-imageable, of up to 14.33" x 18.5"
- optional extra large format 19.2" (cut sheet only)

3 Tray Interposer:

Tray 5 550 sheets, imageable or non-imageable, of up to 14.33" x 18.5" (max with 3 Tray Interposer)
Tray 6 550 sheets, imageable or non-imageable, of up to 14.33" x 18.5"

Specifications are subject to change without notice.