

# varioPRINT 6000 Series TITAN

**ULTRA-RELIABLE, ENERGY  
EFFICIENT AND SUPER  
PRODUCTIVE - THE CUT SHEET  
PRODUCTION PRESS THAT'S  
SECOND TO NONE**



## Exceptional productivity and reliability

Take on more jobs and turn them round faster, thanks to the **exceptional speed, reliability** and **ease of use** of the varioPRINT 6000 series TITAN.

## Outstanding application quality

The varioPRINT 6000 series TITAN consistently turns out prints that rival offset quality on a wide range of media. Impress your customers with near-perfect **registration** at **offset-like blackness** and with **neat and flat**, first-time-right output for easy and fast finishing.

## Environmental impact

Virtually no ozone, no waste toner and **low energy consumption** per print. The varioPRINT 6000 series TITAN is designed to push limits with the environment in mind. It is built to last and components can be reused. And, in addition to **lower emissions, less heat and noise**, varioPRINT 6000 printers also consume less energy while printing millions of prints.

**Canon**

---

# varioPRINT 6000 Series TITAN



The varioPRINT 6000 series TITAN helps customers in high-volume production environments maximise their production of high-quality documents with the least possible operator attention. This production printer creates offset-like prints and near-perfect flat output reliably, thanks to Gemini technology. It is built to last, and emissions, heat, noise and waste are limited to minimize its environmental impact and facilitate a pleasant work environment.



## varioPRINT 6000 series TITAN

For commercial print providers, larger corporate in-house print operations and on-demand book printers/manufacturers the standard all-round varioPRINT 6000 series TITAN offers the true flexibility and reliability that this market segment needs.



## varioPRINT 6000 TPxp series

For transactional printing environments demanding heavy-duty near-line finishing equipment, the varioPRINT 6000 series TPxp (Transactional Printing with extra performance), with its robust wax toner and Print Guard generates output that is instantly ready for finishing.



## varioPRINT 6000 MICR series

Financial print operations such as banks and insurance companies need to rely on printed documents that are secure and can be read accurately by high-speed scanning devices. The varioPRINT 6000 series MICR (Magnetic Ink Character Recognition), with special MICR toner is the ideal high-speed printer to produce accurate and security-sensitive documents such as cheques, deposit slips and other financial documents. Because the magnetic characters are difficult to alter or replicate, MICR printing helps prevent fraud and forgery in the banking industry.

The varioPRINT 6000 series TITAN is available in the following versions:

- varioPRINT 6000 series TITAN
- varioPRINT 6000 TPxp series
- varioPRINT 6000 MICR series

The varioPRINT 6000 series TITAN consists of the following individual models:

- varioPRINT 6180
- varioPRINT 6180 TPxp
- varioPRINT 6180 MICR series
- varioPRINT 6220
- varioPRINT 6220 TPxp
- varioPRINT 6220 MICR series
- varioPRINT 6270
- varioPRINT 6270 TPxp
- varioPRINT 6270 MICR series
- varioPRINT 6330
- varioPRINT 6330 TPxp

# TECHNICAL SPECIFICATIONS

# varioPRINT 6000 Series TITAN

<b>TECHNOLOGY</b>		<b>Weight</b>	180 kg
<b>Imaging technology</b>	CopyPress and ScreenPoint technologies	<b>FLEX PAPER MODULE</b>	
<b>Engine resolution</b>	LED, 600 x 1200 dpi, 85/106/125/141/180 lpi and up to 237 shades of grey	<b>Description</b>	Flexible paper input module that can also handle 350x500 paper sizes. Can be used as Standard Paper module (as first module after the engine)
<b>Registration tolerance</b>		<b>Paper trays</b>	2 x 600 sheets, 2 x 1650 sheets (80 gsm) per paper module
<b>Front to back</b>	<+/- 0.3 mm	<b>Paper size</b>	upper 2 trays: 203 x 203 mm (LEF) - 488 x 320 mm; Statement (178 x 252 mm) 2 bulk trays: 203x208 mm (LEF) - 500 x 350 mm (SEF)
<b>PRINT SPEED</b>		<b>Max paper size</b>	350 x 500 mm SEF in flex-xl trays only (bulk trays)
<b>varioPRINT 6330*</b>	<ul style="list-style-type: none"> <li>• 328 A4 prints per minute</li> <li>• 171 A3 prints per minute</li> </ul>	<b>Min paper size</b>	normal trays: same as Standard Paper module; flex-xl trays 208 x 203 mm
<b>varioPRINT 6270</b>	<ul style="list-style-type: none"> <li>• 272 A4 prints per minute</li> <li>• 146 A3 prints per minute</li> </ul>	<b>Dimensions (WxDxH)</b>	940 x 716 x 1150 mm
<b>varioPRINT 6220</b>	<ul style="list-style-type: none"> <li>• 221 A4 prints per minute</li> <li>• 118 A3 prints per minute</li> </ul>	<b>Weight</b>	180 kg
<b>varioPRINT 6180</b>	<ul style="list-style-type: none"> <li>• 182 A4 prints per minute</li> <li>• 97 A3 prints per minute</li> </ul>	<b>INPUT INTERFACE MODULE</b>	
<b>TEMPORARY SPEED LICENCES</b>	Temporary speed licenses give flexibility with a speed upgrade for a limited time period	<b>Dimensions (WxDxH)</b>	470 x 1020 x 1150 mm
<b>MAXIMUM MONTHLY PRINT VOLUME (A4)</b>		<b>Weight</b>	100 kg
<b>varioPRINT 6330</b>	1,000,000 - 10,000,000 (images A4)	<b>HIGH CAPACITY STACKER</b>	
<b>varioPRINT 6270</b>	750,000 - 8,000,000 (images A4)	<b>Description</b>	Three high capacity stackers can be included
<b>varioPRINT 6220</b>	500,000 - 5,000,000 (images A4)	<b>Stacks</b>	2 x 3,000 sheets (80 gsm) per stacker
<b>varioPRINT 6180</b>	300,000 - 2,500,000 (images A4)	<b>Paper size</b>	203 x 203 mm - 350 x 500 mm; optional 178 x (203 - 320 mm)
<b>GENERAL</b>		<b>Maximum paper capacity</b>	18,000 sheets (3 stackers)
<b>User operation</b>	21.5"HD capacitive touch display	<b>Dimensions (WxDxH)</b>	1150 x 736 x 1150 mm; 1150 x 736 x 1928 mm (including set finisher)
<b>Dimensions main engine (WxDxH)</b>	1439 x 1070 x 1225 mm	<b>Weight</b>	160 kg (290 kg including set finisher)
<b>Weight main engine</b>	779 kg	<b>Features</b>	Tab printing, DFD interface for third-party finishing
<b>ENVIRONMENTAL</b>		<b>OPTIONAL SET FINISHER</b>	
<b>Power consumption</b>	Standby: 0.9 KW Print mode: varioPRINT 6330 4.9 KW varioPRINT 6270 4.4 KW varioPRINT 6220 4.3 KW varioPRINT 6180 4.0 KW	<b>Description</b>	Optional Staple and stacker finisher in combination with High Capacity Stacker
<b>PRINT GUARD</b>		<b>Output capacity</b>	4,000 sheets (80 gsm, A4)
<b>Basic Information</b>	Post fuser entity for varioPRINT 6000 MICR series and optional for varioPRINT 6000 TPxp series	<b>Stapling capacity</b>	100 sheets (80 gsm)
<b>Dimensions</b>	Width 750 mm Depth 850 mm Height 1200 mm	<b>Paper size</b>	208 x 275 mm - 220 x 306 mm
<b>Weight</b>	178 kg	<b>Stapling</b>	Corner stapling, Two-side stapling
<b>PAPER HANDLING</b>		<b>Stapling positions</b>	Portrait, Landscape, Book
<b>Paper input Standard</b>	Paper module with 4 paper trays (2 x 1700 sheets + 2 x 600 sheets)	<b>Features</b>	Optional: 50 sheet staple cartridge and staples (Specially suited for thin documents)
<b>Options</b>	Second and third paper module	<b>CONTROLLER</b>	
<b>Maximum paper capacity</b>	24,000 A4 sheets from 4 standard and 8 optional paper trays (80 gsm media) Dual paper tray option to increase A4 paper input capacity	<b>Description</b>	PRISMAsync controller; Type: T53
<b>Paper weight</b>	45 - 50 gsm with the optional light-weight media module 50 - 300 gsm for Canon recommended media 60 - 200 gsm for other media	<b>Interface</b>	10/100/1000 MB, 2x 1 GB Ethernet network ports
<b>Paper size</b>	Coated media: 120 - 200 gsm: standard, 80 - 120 / 200 - 250 gsm: approved media 203 x 203 mm - 350 x 500 mm; Statement (178 x 252 mm)	<b>Page Description Language</b>	APPE (Adobe® PDF Print Engine) Adobe® PostScript® 3TM/ streaming PostScript® PPML/GA Level 1 PPML versions 1.5,2.1 and 2.2 PDF 1.7 PCL 6 Xerox® PPP support IPDS(options)
<b>STANDARD PAPER MODULE</b>		<b>Protocols</b>	TCP/IP (LPR/LPD, socket), SMB static/auto IP (via DHCP) SNMP v1-v3 (printer MIB, private MIB, Job monitoring MIB), IPP
<b>Paper trays</b>	2 x 600 sheets, 2 x 1,700 sheets (80 gsm)	<b>Processor</b>	3.0 GHz
<b>Standard paper capacity</b>	4,600 sheets	<b>Memory</b>	8 GB DDR 4 2400 MHz
<b>Paper size</b>	203 x 203 mm - 488 x 320 mm; 178 x 252 mm**	<b>Hard disk</b>	1x500 GB 2.5" AND 1x1000 GB 3.5"
<b>Dimensions (WxDxH)</b>	940 x 716 x 1150 mm	<b>Network connectivity</b>	10/100/1000 MB, 2x 1GB Ethernet network ports
<b>Weight</b>	180 kg		
<b>OPTIONAL PAPER MODULE</b>			
<b>Description</b>	Next to the standard paper module, two extra paper modules can be included		
<b>Paper trays</b>	2 x 600 sheets, 2 x 1700 sheets (80 gsm) per paper module		
<b>Maximum paper capacity</b>	16,000 sheets (sum of 2 paper modules with dual paper tray)		
<b>Paper size</b>	203 x 203 mm - 488 x 320 mm; Statement (178 x 252 mm)**		
<b>Dimensions (WxDxH)</b>	940 x 716 x 1150 mm		



# TECHNICAL SPECIFICATIONS

# varioPRINT 6000 Series TITAN

## LIGHT WEIGHT MEDIA KIT

<b>Description</b>	Special installation kit for the engine to support the use of media >44 gsm, requires pressurized air, recommended in case of light weight media specialization
<b>Paper size</b>	203 x 203 mm - 350 x 500 mm, all supported sizes support by the paper input modules
<b>Paper weights</b>	>44 gsm plain paper, grain direction in transport direction
<b>BOOKLET MAKER (BLM200)</b>	
<b>Stapling capacity</b>	2-25 sheets (80 gsm media)
<b>Output capacity on conveyor belt</b>	Dependent upon booklet thickness: up to 100 booklets; optional PowerStacker available Conveyor belt supports unlimited stacking by delivering booklets to an external catch tray
<b>Paper weight Booklet pages</b>	60 - 300 gsm
<b>Booklet cover</b>	Up to 300 gsm
<b>Paper size min</b>	203 mm x 248 mm
<b>Paper size max</b>	320 mm x 470 mm
<b>Dimensions (WxDxH)</b>	1540 x 680 x 1135 mm
<b>Weight unit</b>	150 kg
<b>Power requirement</b>	240 V; 7 A
<b>Features</b>	Saddle stitching using staple cartridges, Half folding (1 sheet)
<b>Options</b>	Face trimmer module; SquareFold module; Rotator for maximising productivity of A5 booklet production; Power Stacker for up to 400 booklets
<b>BOOKLET MAKER (BLM550+)</b>	
<b>Saddle stitch capacity</b>	2-52 sheets (80 gsm media); 2-56 sheets 70 gsm media.
<b>Output capacity on conveyor belt</b>	Dependent upon booklet thickness: up to 35 booklets; optional Book Stacker available. Conveyor belt supports unlimited stacking by delivering booklets to an external catch tray.
<b>Paper weight Booklet pages</b>	70 - 300 gsm
<b>Booklet cover</b>	Up to 300 gsm
<b>Paper size min</b>	203 mm x 203 mm
<b>Paper size max</b>	350 mm x 503 mm

## Dimensions (WxDxH)

<b>Weight unit</b>	2755 x 1870 x 1330 mm
<b>Power requirement</b>	532 kg
<b>Features Saddle stitching</b>	240 V; 4 A Up to 6 stitches per booklet, Half folding (1 sheet); Face trimming; Square spine forming; Rotator for maximising A5 booklet productivity
<b>Options Book Stacker for production environments</b>	1040 mm stacking capacity, which means approximately: - 450 booklets of 10 sheets/40 pages (2 mm spine) - 180 booklets of 25 sheets/100 pages (5 mm spine) - 90 booklets of 50 sheets/200 pages (10 mm spine)
<b>INTEGRATED CAMERA MOUNTING UNIT</b>	Mounting unit for a 3rd party camera inspection system.
<b>THIRD PARTY FINISHING</b>	Thanks to the open DFD interface, the varioPRINT 6000 TITAN series is flexible to 3rd party finishing.

\* MICR model does not support 328ipm

\*\* with optional statement size support insert

Canon recommends you use Canon Media for the best results.

Please check media (paper) compatibility list to see which variety of paper/media is recommended.

Some images are simulated for clarity of reproduction.

All data is based on Canon's standard testing methods.

Final specifications are subject to change without notice.™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries

### Footnote :

<sup>1</sup>vP6000 TITAN MICR devices have a 6 week lead time



Canon Inc.  
canon.com  
Canon Europe  
canon-europe.com  
English edition  
© Canon Europa N.V., 2024