Canon
Delighting You Always

SECOND

THE FASTEST BLACK AND WHITE PRODUCTION PRESS ON THE MARKET IN ITS CATEGORY

to NONE

Business Can Be Simple

varioPRINT 6000 TITAN series

Experience the fastest print speeds on the market, combined with the unsurpassed reliability and image quality – the varioPRINT 6000 TITAN series. Ideal for high volume printing of up to 10 million impressions per month, the varioPRINT 6000 TITAN series combines offset-like monochrome printing with low power consumption, minimal noise and ozone emissions*. It's your print business workhorse.

A production printer that's SECOND TO NONE.

AT-A-GLANCE

REDUCE PRODUCTION TIMES AND COSTS

- Industry-leading monochrome print speed of up to 328 ipm*

- Duty cycle of up to 10 million images per month

- Class-leading uptime and reliability, thanks to a stable print process and a short paper path that eliminates stopping and turning

- Huge 24,000-sheet paper input and 18,000-sheet output capacity

- PaperLogic and media based workflows, plus an array of finishing options

- Schedule print jobs up to 8 hours in advance, and run up to 4 hours of uninterrupted printing with PRISMAsync

- Deal with seasonal peaks in business with field-upgradable speed licences

- Remote control app for remote monitoring and maximum uptime

SUPERIOR APPLICATION QUALITY

- Unique Gemini technology prints both front and back simultaneously, for near perfect registration

- ScreenPoint technology optimises images for each individual page

- SuperCell intelligent half-toning technology delivers smooth images and sharp lines

- CopyPress technology ensures a low fusing temperature for flat matte output

- Print on stock as thin as 45 gsm or up to 350x500 mm, offering 4-up book printing

- Options available for specialist transaction printing and cheque printing applications

TRUE SUSTAINABILITY

- A greener, quieter and more convenient black and white production press

- 30% less energy consumption per print than its nearest competitors*

- Produces 97% less ozone than competitor models*

- Very low noise levels*

* Accordingly to comparisons of published specifcations and Canon internal testing

PRINT LONGER, PRINT FASTER

SEGMENT-LEADING PRODUCTIVITY

The fastest cut sheet monochrome production press, the varioPRINT 6000 TITAN series allows users to deliver jobs faster than ever and meet tight schedules. With A4 speeds of up to 328 ipm, this series has a 5 - 9% faster output compared to its competitor models, putting this series into a league of its own. Elevating productivity even further, the varioPRINT 6000 TITAN series switches seamlessly between IPDS and PDF workflows using a fast embedded APPE-based PRISMAsync print server.

RELIABLE AND CONVENIENT

Print speed isn't the only feature that distinguishes the varioPRINT 6000 TITAN series. This production press offers reliability and uptime that significantly outstrips market competitors, thanks to its sturdy metal design, reliable non-stop-turning paper path and stable printing process. Due to the huge paper input and output capacity, the varioPRINT 6000 TITAN series can run unattended for up to four hours, and can be scheduled up to eight hours in advance with the PRISMAsync server. In addition, always stay in touch with the PRISMAsync remote control app: get preventive and emergency notifications sent to your smartphone.

TP AND MICR OPTIONS

Alongside the standard model, the varioPRINT 6000 TITAN series is available in two further variations: the TP and MICR editions. The TP wax version has been engineered for transactional printing requirements, while the MICR model produces fine-quality financial documents. The optional Integrated Camera Mounting Unit offers full-page scanning with extensive data collection and production reporting functionality. All without impacting print speed or productivity.

PICTURE PERFECT, PRINT QUALITY

NEAR-PERFECT REGISTRATION

Gemini technology is an instant duplex innovation that prints front and back pages simultaneously, eliminating registration inaccuracies, and delivering a near-perfect output, by removing the need to stop and turn sheets. The varioPRINT 6000 TITAN series produces a consistently sharp, offset-like output, using a combination of unique technologies: CopyPress makes light work of highly textured media, while the low temperature process ensures paper stays flat after printing. ScreenPoint optimises each page based on the content being printed, while SuperCell's intelligent half-toning algorithm delivers 180 lines per inch (lpi) for razor sharp reproduction, plus 237 shades of grey for nuanced images and smooth gradients.

MIGHTY MEDIA OPTIONS

The varioPRINT 6000 TITAN series give users impressive flexibility, with the ability to print on a variety of structured and speciality media for high quality and outstanding applications. In addition, this production press can print on extremely lightweight media as thin as 45 gsm, thanks to an optional light weight media kit. This unlocks a range of new services for print providers, including pharmaceutical leaflets.

YOUR ON-DEMAND BOOK FACTORY

The varioPRINT 6000 TITAN series set the industry standard in digital book printing, due to Gemini technology's near-perfect registration and format printing as large as 350x500 mm – making true 4-up book format printing possible. You can also handle short runs efficiently letting you tap into new markets, like one-off book prints and personalised books, with a full end-to-end workflow. The varioPRINT 6000 TITAN helps you deliver matte, offset-like print quality, perfect flat output and even use stock weights as low as 45 gsm.

IT DOESN'T COST THE EARTH TO RUN

BLACK AND WHITE, GREEN AND QUIET.

SUPREME SUSTAINABILITY CREDENTIALS

The varioPRINT 6000 TITAN series epitomises sustainable monochrome printing, ensuring a clean and pleasant working environment. The range produces virtually zero ozone emissions, low heat and low noise output – for a pleasant work environment.

LOWEST POWER CONSUMPTION

The varioPRINT 6000 TITAN series consumes 30% less energy versus its nearest competitor, helping you significantly cut down on electricity bills and run an eco-friendly business*.

FIRST-TIME-RIGHT OUTPUT

Easy operation, reliable media handling and PaperLogic technology are just some of the features that help cut down on waste by maximising first-time-right prints.

*According to comparisons of published specifications and Canon internal testing.

BRINGING YOU SPEED, RE

INTEGRAL PRODUCTIVITY

1 FASTER THAN ANY OTHER
At 328 ipm -varioPRINT 6000 TITAN is not only the fastest printer in its segment but the hardest working, with class leading print volumes of up to 10 million images per month*.

2 RELIABLE PAPER FEEDING
Air separation and vacuum feed in all trays for reliable paper feeding. Ultrasonic double sheet detection solves misfeeds immediately.

3 VAST PAPER INPUT AND OUTPUT CAPACITY
Huge 24,000-sheet paper input and 18,000-sheet output capacity boost efficiency. In addition, an optional rollfeeder enlarges paper capacity to the maximum.

4 OPERATOR ATTENTION LIGHT
Clearly displays the status of the press so the operator immediately knows if production is moving smoothly or if intervention is required.

5 SCHEDULE EIGHT HOURS AHEAD
The embedded APPE-based PRISMAsync print server offers scheduling up to eight hours in advance and switches smoothly between IPDS and PDF workflows.

6 NEAT STACKING
Up to 3 high capacity stackers offer very neat flat stacking with the ability to upload while run. In addition, a set finisher offers stapling of up to 100 sheets.

7 OPEN DFD INTERFACE
The high capacity stackers offer an open DFD interface for inline finishing. For instance, high quality square fold books with the BLM550+ and perfect bound books with the BGB Bourg 3202.

The varioPRINT 6000 TITAN have impressive speed, uptime, and fine image quality for your business needs to maximise productivity and deliver perfect prints.

LIABILITY AND QUALITY.

APPLICATION QUALITY

8 NEAR-PERFECT REGISTRATION
Gemini Instant Duplex technology prints front and back at the same time, eliminating registration problems and ensuring an ultra-reliable paper path.

9 FLAT, MATTE OFFSET LIKE QUALITY
CopyPress Technology uses a rubber belt which presses toner onto the paper at fusing temperatures of just 100°C, significantly reducing paper distortion and offering matte flat output.

10 STUNNING PRINTS
ScreenPoint technology and SuperCell optimise each individual page based on the type of content being printed, delivering razorsharp details (180 lpi), nuanced images, and smooth gradients with up to 237 shades of grey.

11 LIGHTWEIGHT STOCK
Reliable printing of lightweight 45 gsm stock with a special lightweight media kit and air guide.

12 BOOK PRINTING
Discover the advantages of one-off book prints: true 4-up printing with flexible format up to 350x500 mm and near-perfect registration for high quality books.

SUSTAINABILITY

LOW OZONE
The greenest black and white production press on the market generates almost zero ozone emissions.

BETTER FOR THE ENVIRONMENT
Reduce power costs with 30% lower overall energy consumption (compared to competitor models) and very low heat and noise emissions*.

* According to comparisons of published specifications and Canon internal testing.

The varioPRINT 6000 **TP** Systems

Delivering the same functionality as the varioPRINT 6000 line TITAN, the varioPRINT 6000 TP TITAN systems offer additional, specific capabilities to deal with the rigours of transactional and direct environments. With the help of PRISMA for Transaction software, you can transform your workflow, turning personalised communications into profitable opportunities.

Rich heritage

Consistent quality, media versatility and reliable performance are essential to producing relevant customer-facing documents. The varioPRINT 6000 TP TITAN builds on Canon's rich heritage in this marketplace, offering our latest generation, optimised for transactional and direct mail applications.

Temporary Speed License Program

With the Temporary Speed License Program you can upgrade the speed of your system to handle peak workloads and dial back down again when the pressure's off. It's an innovative way of boosting productivity and profit without any long-term financial commitments.

Accelerate your workflow

PRISMA for Transaction software automates the document lifecycle from document composition through printing, finishing and distribution. All with support for multiple PDLs, jobs and work sites and automated insertion, finishing, tracking, reprinting, indexing and archiving.

Secure printing with camera based inspection

When you demand the highest levels of accuracy and security, varioPRINT 6000 TP TITAN systems can be equipped with an optional camera-based control system that manages the verification and pre-printing of documents.
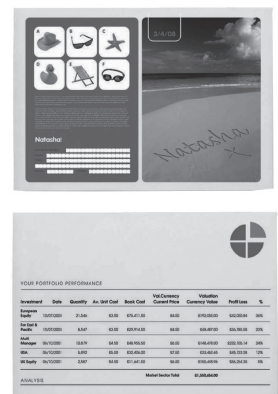
Exceptional quality and versatility

A special fusing station ensures exceptional quality from the moment output emerges from the printer to the time it is finished and inserted in an envelope. And with support for such a diversity of media types, weights and sizes, there's no end to the diversity of applications you can offer to customers.
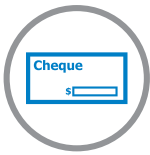
The varioPRINT 6000 TP TITAN gives you the confidence to take on more high-impact black and white jobs and turn them around faster.

The varioPRINT 6000 **MICR** Systems

Flawless MICR output is essential to production operations that print transactional, insurance, direct mail, and documents involving cheque images. Building on a tradition of innovation in MICR environments, the varioPRINT 6000 MICR TITAN systems offers the same powerful capabilities as the varioPRINT 6000 line TITAN but with additional, specific capabilities to handle MICR production.

The perfect MICR solution

For years, print professionals relied on dedicated MICR devices to produce cheques and other negotiable documents. Today, the focus has shifted to flexible solutions that can deliver this specialist performance but with the additional versatility to do more when the need arises. That's where The varioPRINT 6000 MICR TITAN really excels.

Outstanding quality

Print quality rarely needs adjusting as printed characters maintain uniform signal strength thanks to the inbuilt technological innovations. Cheque processing is through high-speed readers and sorters with a read rate in excess of 99 percent and near perfect registration.

Highly secure

varioPRINT 6000 MICR TITAN systems offer security features such as MICR-font printing and full accountability for every submitted cheque, assuring that no information is lost and no checks are double-printed.

Camera-based veritifcation

For the highest levels of accuracy and security, each system can be equipped with an optional camera-based control system that manages the verification and reprinting of MICR documents, without any impact on print speed or productivity.

Always performing

You won't find a varioPRINT 6000 MICR TITAN systems sitting redundant when there are no cheque printing jobs on the schedule. You can print applications such as payroll, balance transfer, refund and convenience cheques at night. Then at the touch of a button carry out high quality runs of booklets, direct mail and other monochrome duplex jobs in the daytime.

A read rate in excess of

99%

and near perfect registeration

PRODUCT **SPECIFICATION**

GENERAL SPECIFICATIONS

Imaging technology	Gemini instant duplex technology
Speed	**varioPRINT 6330*** • 328 A4 prints per minute • 171 A3 prints per minute
	varioPRINT 6270 • 272 A4 prints per minute • 146 A3 prints per minute
	varioPRINT 6220 • 221 A4 prints per minute • 118 A3 prints per minute
Note: *Print speed can also* *be influenced by the* *paper quality setting*	**varioPRINT 6180** • 182 A4 prints per minute • 97 A3 prints per minute
Maximum Monthly Print Volume (A4 images)	**varioPRINT 6330*** 1,000,000 – 10,000,000
	varioPRINT 6270 750,000 – 8,000,000
	varioPRINT 6220 500,000 – 5,000,000
	varioPRINT 6180 300,000 – 2,500,000

PRINTING

Job management	DocBox, Queue and History, Waiting Room
Print resolution	600x600 dpi or 600x1200 dpi, 180lpi
Registration tolerance	Maximum < 0.3 mm
Maximum printable area	Long edge: maximum 486 mm Short edge: maximum 318 mm

CONTROLLER

CPU	Core™ i5-8500
Memory	1 x 8GB DDR4-2400
Hard disk	1 x 500 GB, 1 x 1 TB
Operating Panel	Intuitive 15″ high resolution touch screen user interface
Network connectivity	10/100/1000 MB, 2x 1GB Ethernet network ports
Network protocols	TCP/IP (LPR/LPD, socket), SMB static/auto IP (via DHCP) SNMP v1-v3 (printer MIB, private MIB, Job monitoring MIB), IPP
Operating system	Microsoft®Windows 10®
Supported Page Description Languages (PDL)	APPE (Adobe® PDF Print Engine) • Adobe® PostScript® 3™/ 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)
Print from USB	PDF, PS, PCL, XPS via USB connection on operator panel
Security	E-shredding, HTTPs, Firewall, PIN for Doc Box, User authentication to SDS, IPv6, software protection license (integrity checker), user authentication per user role: key operator, system administrator and service representative.
Features	Print while RIP, Streaming, Multi-job processing, Pre-RIP, no cycle-down between jobs, web-based configuration with Settings Editor, Remote meter reading, Remote Diagnostics, Remote software upgrade, Remote Monitor, Remote Manager

CONTROLLER (cont'd)

Controller hardware optionals	Generic USB mouse support CCD interface; Copy Control Device interface for pre-paid accounting Included: Operator attention light; giving visual status signals of the printer

SOFTWARE INTEROPERABILITY

PRISMAaccess, PRISMAprepare, PRISMAspool, PRISMAproduction, PRISMAdirect, VPconvert V7, PRISMAaudit, GMC PrintNet, InfoPrintManager AIX, Xerox FreeFlow Makeready v7 (and higher), EFI Fiery Central 1.8.2, Kodak Smartboard V5

PAPER HANDLING

Paper Input	Standard	Paper module with 4 paper trays (2 x 1700 sheets + 2 x 600 sheets)
	Options	Second and third paper module
Maximum paper capacity		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
Paper weight		45 - 50 gsm with the optional light-weight media module
		50 - 300 gsm for Canon recommended media
		60 - 200 gsm for other media
Coated media		120 - 200 gsm: standard, 80 - 120 / 200 - 250 gsm: only for approved media
Paper size		203 x 203 mm - 350 x 500 mm; Statement (178 x 254 mm)

PAPER INPUT MODULE STANDARD

Description	Standard paper input module which is minimally required to make a configuration. With double sheet detection, air separation with vacuum feed and pre-separation technologies.
Paper Trays	2 x 600 sheets, 2 x 1,700 sheets (80 gsm)
Standard paper capacity	4,600 sheets
Paper size	203 x 203 mm - 488 x 320 mm; Statement (178 x 254 mm)**
Dimensions (WxDxH)	945 x 716 x 1150 mm
Weight	216 kg

PAPER INPUT MODULE OPTIONAL

Description	Next to the standard paper module, two extra paper modules can be included. With air separation with vacuum feed and pre-separation technologies.
Paper Trays	2 x 600 sheets, 2 x 1,700 sheets (80 gsm) paper module
Maximum paper capacity	16,000 sheets (sum of 2 paper modules with dual paper tray)
Paper size	203 x 203 mm - 488 x 320 mm; Statement (178 x 254 mm)**
Dimensions (WxDxH)	945 x 716 x 1150 mm
Weight	216 kg

PAPER INPUT MODULE FLEX

Description	Flexible paper input module that can also handle 350x500 paper sizes. Can be used as Standard Paper module (as first module after the engine). With double sheet detection, air separation with vacuum feed and pre-separation technologies.

PAPER INPUT MODULE FLEX (cont'd)

Paper Trays	2 x 600 sheets, 2 x 1,650 sheets (80 gsm) paper module
Paper size	Upper 2 trays: 203 x 203 mm (LEF) - 488 x 320 mm; Statement (178 x 254 mm)
	2 bulk trays: 203x208 mm (LEF) - 500 x 350 mm (SEF)
Max paper size	350 x 500 mm in flex-xl trays only (bulk trays)
Min paper size	Normal trays: same as Standard Paper module; flex-xl trays 203 x 208 mm
Dimensions (WxDxH)	945 x 716 x 1150 mm
Weight	216 kg

HIGH CAPACITY STACKER

Description	Three high capacity stackers can be included
Stacks paper size	2 x 3,000 sheets (80 gsm) per stacker. All paper input sizes and weights are supported
Maximum paper capacity	18,000 sheets (3 stackers)
Dimensions (WxDxH)	1153 x 736 x 1150 mm
	1153 x 736 x 1910 mm (including set finisher)
Weight	160 kg (290kg including set finisher)
Features	Tab printing, DFD finishing for third-party finishing

SET FINISHER OPTIONAL

Description	Optional Staple and stacker finisher in combination with High Capacity Stacker
Output capacity	4,000 sheets (80 gsm, A4)
Stapling capacity	100 sheets (80 gsm)
Paper size	208 x 275 mm - 220 x 306 mm
Stapling	Corner stapling, Two-side stapling
Stapling positions	Portrait, Landscape, Book
Features Optional	50 sheet staple cartridge and staples (Specially suited for thin documents)

PRINT GUARD

Description	Post fuser entity for varioPRINT6000 MICR TITAN series and optional for varioPRINT 6000 TP TITAN
Dimensions (WxDxH)	750 x 850 x 1200 mm
Weight	178kg

LIGHT WEIGHT MEDIA KIT

Description	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.
Paper size	VP6000 standard sizes are supported. Max media size will be 350 x 500 with Flex-XL PIM
Paper Weight	>44 gsm plain paper, grain direction in transport direction

ENVIRONMENTAL

Ozone emissions	Ozone emission in running condition (mg/m2): <= 1mg/hr
Sound power level	Noise in standby condition: <69 dB(A) Noise in printing condition: < 84 dB(A)
Power consumption	• Standby 0,9 KW • Sleep mode engine: 32W • Sleep mode controller: 44W • Off mode: 6w • Running: VP6180 : 4,0 kW VP6220 : 4,3 kW VP6270 : 4,4 kW VP6330 : 4,9 kW Print mode controller: 67W (at 80 g/m2- 20 lb bond paper weight)
Product Safety & Environment	RoHS compliance, Cetecom/CE Class A, FCC Class A, UL / TüV / CE, VCCI, China RoHS, CB Report
Other compliances	Section 508, De-ink ability certificate, C-tick Australia (sourced locally by CSO/RSHQ)

DIMENSIONS AND WEIGHTS

Print Engine (PE)	Weight 775kg (W x D X H) 1439 x 1072 x 1225mm
Paper Input Module Standard (PIM1)	Weight 216kg (W x D X H) 945 x 716 x 1150mm
Input Interface Module (IIM)	Weight 100kg (W x D X H) 470 x 720 x 1150mm
High Capacity Stacker incl Set Finisher (HCS/FIN)	Weight 290kg (W x D X H) 1153 x 736 x 1910mm
High Capacity Stacker (HCS)	Weight 160kg (W x D X H) 1153 x 736 x 1150mm
Paper Input Module Flex	Weight 216kg (W x D X H) 945 x 716 x 1150mm

  * not available as MICR version
 ** 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.
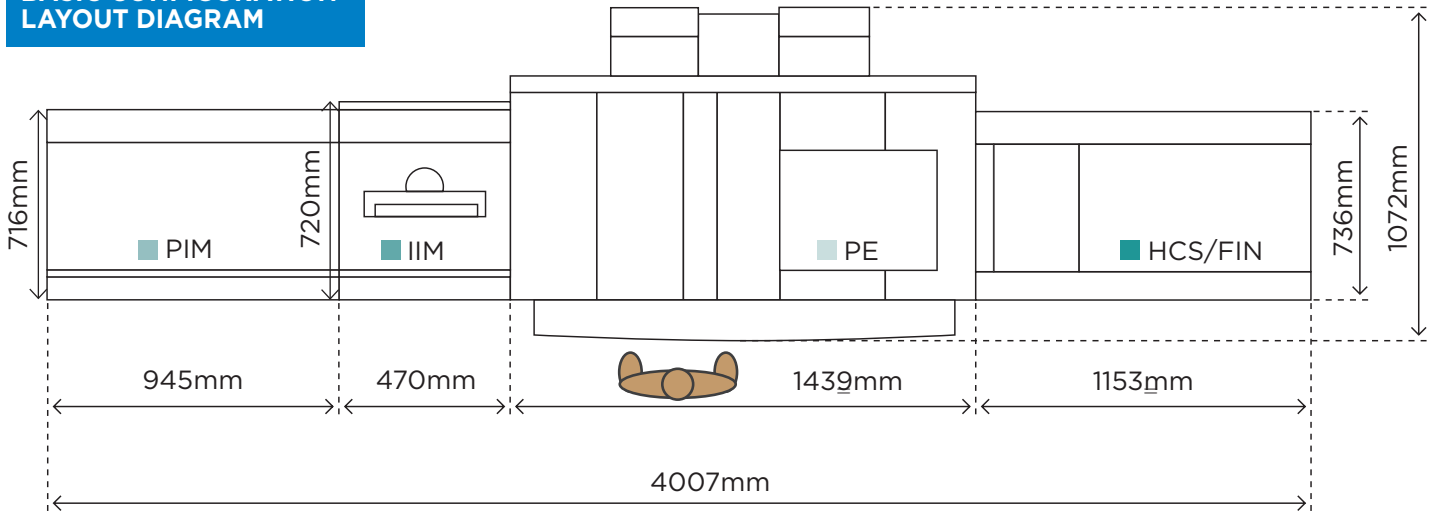
Some images are simulated for clarity of reproduction.

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

BASIC CONFIGURATION LAYOUT DIAGRAM

716mm | 720mm | 736mm | 1072mm

PIM | IIM | PE | HCS/FIN

945mm | 470mm | 1439mm | 1153mm

4007mm

■ Print Engine   ■ Paper Input Module Standard   ■ Input Interface Module   ■ High Capacity Stacker incl Set Finisher

VP6000 TITAN STANDARD MODEL CONFIGURATION OPTIONS

INPUT MODULE:
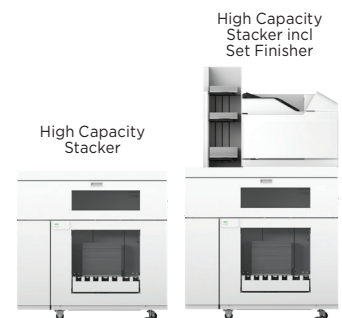• Paper Input Module(PIM)
• Paper Input Module Flex (PIM Flex)

* Only the Standard or PIM Flex can be placed against the printer. The maximum amount of PIMs is 3. This can be any combination of Standard, Optional and/or PIM Flex

ENGINE WITH INPUT INTERFACE MODULE:
Print Speed
• varioPRINT 6180
• varioPRINT 6220
• varioPRINT 6270
• varioPRINT 6330

High Capacity Stacker incl Set Finisher

High Capacity Stacker

OUTPUT MODULE:
• High Capacity Stacker
• High Capacity Stacker incl Set Finisher

* The maximum amount of HCSs is 3. Maximum 1 piece of set finisher to be installed ontop of the first HCS